

**PHASE I ENVIRONMENTAL ASSESSMENT
8.45 ACRE SITE
SEC ROSE DRIVE/ALTA VISTA STREET, PLACENTIA 92870
APN 341-324-01**

Prepared for:

SC Placentia Development LP

2151 Michelson Drive - #140
Irvine, CA 92612
(714) 505-7090

Prepared by:

SCS ENGINEERS

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806
(562) 426-9544

July 2017
File No. 01217181

This Phase I Environmental Assessment Report for property located at the southeast corner of Rose Drive and Alta Vista Street, Placentia, Orange County, California, dated July 2017, was prepared and reviewed by Robert Pilzer and Thomas Dong.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10. Resumes for the individuals below are included in Appendix E. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Thomas Dong, REPA
Project Director



Robert Pilzer, REPA
Senior Technical Advisor

SCS ENGINEERS

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EXECUTIVE SUMMARY

SCS Engineers (SCS) was retained by SC Placentia Development LP to prepare a Phase I Environmental Assessment for property located at southeast corner of Rose Drive and Alta Vista Street, Placentia, Orange County, California. This assessment was performed in accordance with the Standing Agreement between SCS and User, ASTM E1527-13, and 40 CFR 312.20 *et seq.* (“AAI”).

Based on information provided by the Orange County HealthCare Agency, no significant issues associated with persistent pesticides in soils at former agricultural sites have arisen in this area of Placentia. Accordingly, SCS concludes that the historical agricultural use in the area of the Property is unlikely to represent a recognized environmental condition, and recommends no further investigation regarding this issue.

The Property was vacant undeveloped land that was used for oil field related activities from at least the 1930s through the early 1990s. The fact that the Property was used for oil field exploration activities (total of eight wells on the Property), represents a Recognized Environmental Condition. Potential environmental issues associated with oil field site include residual petroleum hydrocarbons in soil, oil sumps and associated structures, presence of methane gas, etc.

Petroleum-impacted soils on the Property were remediated in the late 1990s and the Orange County HealthCare Agency issued a full regulatory closure letter dated June 25, 2002 for the Property (Tentative Tract 15699). The closure letter was issued to Michael T. Bridges – Bridgemark Corporation located in Placentia, California.

Conclusions

SCS has performed a Phase I Environmental Site Assessment in general conformance with ASTM E1527-13. This assessment has revealed evidence of recognized environmental conditions (RECs) associated with the Property. Although further assessment of the Property for petroleum hydrocarbons or hazardous materials is not recommended, SC Development should develop a site specific contingency plan in the event soils impacted with petroleum hydrocarbons are encountered during site development activities.

1 INTRODUCTION

SCS Engineers (SCS) was retained by SC Placentia Development LP (the “User”), to prepare a Phase I Environmental Assessment for property located at southeast corner of Rose Drive and Alta Vista Street, Placentia, Orange County, California (the “Property”). This assessment was performed in accordance with ASTM E1527-13, and 40 CFR 312.20 *et seq.* (“AAI”). A site location map is presented as Figure 1 in **Appendix A**.

2 PURPOSE

The purpose of this investigation was to identify conditions indicative of releases or threatened releases of hazardous substances as defined in CERCLA section 101, and petroleum products, on, at, in, or to the Property.

This assessment is intended to constitute all appropriate inquiries into the previous ownership and uses of the property, as required to support the assertion of the innocent landowner, contiguous property owner, and/or bona fide prospective purchaser defenses (collectively the landowner liability protections, or LLPs) under the Comprehensive Response, Compensation, and Liability Act of 1980 (CERCLA a.k.a. Superfund), the Superfund Amendments and Reauthorization Act of 1986 (SARA), and the Small Business Liability Relief and Brownfields Revitalization Act of 2002.

If known or suspected contamination is identified, Users seeking to maintain LLPs may have responsibilities in addition to completion of an AAI-compliant Phase I Environmental Site Assessment. These “continuing obligations” may include taking “appropriate care” and “reasonable steps” with respect to known or suspected releases of hazardous substances during the term of property ownership. In addition to these requirements under Federal law, there may be different requirements under state law with respect to liability protections. On request, SCS Engineers can provide support for clients with continuing obligations, as appropriate.

3 SCOPE OF SERVICES

This Phase I Environmental Assessment is based on:

- Reviews of federal, tribal, state, and local government records.
- Visual inspection of the Property and adjoining properties performed on June 19, 2017.
- Review of historical Property use information (topographic maps, aerial photographs, fire insurance maps, existing reports, etc.).
- Commonly known or reasonably ascertainable information about the Property (e.g., interviews with appropriate regulatory agency personnel and review of agency files review of available documents, interviews with other knowledgeable persons).
- Degree of obviousness of the presence or likely presence of contamination at the Property, and the ability to detect the contamination by appropriate investigation.
- Information provided as a result of the additional inquiries conducted by the User.

4 SPECIAL TERMS AND CONDITIONS

This report has been prepared specifically for SC Placentia Development LP with application to a Phase I Environmental Assessment of Property located at southeast corner of Rose Drive and Alta Vista Street, Placentia, Orange County, California.

The report has been prepared in a first rate manner, at least consistent with the highest and best level of care and skill exercised by members of the same profession currently practicing in the same locality under similar conditions. No other warranty, express or implied, is made as to the professional opinions presented herein. This report is not a legal opinion.

As indicated in the Standing Agreement between SCS and User, no other party, known or unknown to SCS, is intended as a beneficiary of this work product, its content or information embedded therein, and such other party(ies) use this report at their own risk. Third party reliance letters will be issued pursuant to the terms of the Standing Agreement. In the event of any conflict between the terms, conditions, limitations and/or assumptions of this report and those set forth in the Standing Agreement between SCS and User, the Standing Agreement shall control.

5 LIMITATIONS AND ASSUMPTIONS

The investigation focused on releases and threatened releases of hazardous substances or petroleum products that could be considered a recognized environmental condition (pursuant to ASTM criteria) and/or a liability due to their possible presence in significant concentrations (e.g., above acceptable limits set by the Federal or state governmental agencies) or due to the potential for contamination migration through exposure pathways (e.g., groundwater). Materials that may contain substances which are not currently deemed hazardous by the federal or state of California EPA were not considered as part of this study.

Unless specifically included in our scope of services, formal surveys for asbestos-containing materials, lead-based paints, fire safety, indoor air quality, mold, and similar matters were not part of this assessment. As requested by the User, this report does include an analysis of vapor intrusion issues (as set forth in Section 12, below). The Property was not evaluated for compliance with land use, zoning, wetlands, or similar laws. This report is not intended to be an environmental compliance audit.

Hazardous substances naturally occurring in plants, soils, and rocks, (e.g., heavy metals, naturally occurring asbestos, or radon) are not typically considered in these investigations. Similarly, construction debris (e.g., discarded concrete, asphalt) is not considered to be of concern unless observations suggest that hazardous substances are likely to be present in significant concentrations.

Unless otherwise noted, sampling and laboratory analyses of soil, water, air, building materials, or other media, were not performed as part of this investigation. Positive identification of hazardous substances can only be accomplished through sampling and appropriate laboratory analysis.

SCS Engineers cannot guarantee the accuracy of information obtained from, compiled by, or provided by third-party sources, such as regulatory agency listings. Accuracy and completeness of record information varies among information sources, including governmental sources. Record information is often inaccurate or incomplete. Although the ASTM standard states that the

“environmental professional is not obligated to identify mistakes or insufficiencies in information provided, ...” (Section 8.1.3), SCS will review and evaluate the thoroughness and reliability of such information and make a reasonable effort to compensate for mistakes or insufficiencies in the information reviewed that are apparent in light of other information actually known by SCS, in accordance with its obligations under 40 CFR 312.20(f)(2).

The following information is the responsibility of the User (40 CFR 312.22) and, unless otherwise noted, is not included in this Phase I Assessment Report:

- Specialized knowledge or experience of the User.
- The relationship of the purchase price to the fair market value of the Property. The User stated that it was not buying the property at a purchase price significantly reduced due to environmental issues or concerns, and that the price of the Property reflected its fair market value.

6 GENERAL SITE CHARACTERISTICS

SITE LOCATION

The Property is located at the southeast corner of Rose Drive and Alta Vista Street, Placentia, Orange County, California. The Property has been assigned Orange County Tax Assessor’s Parcel Number (APN) 341-324-01 and encompasses an area of 8.45 acres of land.

GENERAL SITE DESCRIPTION

The Property is an irregularly-shaped parcel of land located at the southeast corner of Rose Drive and Alta Vista Street. Access to the Property is available via an access gate located on Alta Vista Street. Site topography varies with some areas three to five feet below street grade and other areas above street grade due to placement of soil from unknown sources.

ADJOINING PROPERTY USE

The Property is bounded to the north by Alta Vista Street across which is a commercial development and oil field operations, to the east by Rose Drive, across which is a residential development/golf course, to the west by residential development, and to the south by residential development.

7 PHYSICAL SETTING

PHYSIOGRAPHIC SETTING

According to the U.S. Geological Survey (USGS), Orange/Yorba Linda (1964, photorevised 1972/1981), California 7.5-minute topographic maps, the site is located in Township 3 South, Range 9 West, Section 29 (San Bernardino Baseline and Meridian) at an elevation of approximately 280 feet above mean sea level. The site is situated approximately 0.5 miles north of the Atwood Channel and the Miller Retarding Basins. Carbon Canyon is located approximately 0.25 miles west of the site. Topography at the subject site slopes southerly.

GEOLOGY AND SOILS

The site is located at an elevation of approximately 285 feet above mean sea level on the southern flank of the East Coyote Hills and the northern edge of the Coastal Plain of Orange County. Geologic maps indicate that surficial geologic sediments in the area consist of Pleistocene alluvial sediments.

GROUNDWATER

The subject site is located in the Pressure Area of the Orange County Groundwater Basin. Groundwater in the area is expected to be at depths ranging from 30 to 40 feet below ground surface.

RADON

According to the California Department of Health Service's May 2010 report for California Indoor Radon Levels, 63 tests were conducted in zip code 92870 and nine had radon levels in excess of 4 pCi/L (the EPA action level). Based on this information, it is unlikely that the Property contains levels of radon above the EPA action level.

8 SITE INSPECTION

On June 19, 2017, Thomas Dong of SCS conducted an inspection of the Property and surrounding area. Access to the Property was arranged through the SC Placentia Development LP, the property owner. Photographs of the Property are provided in **Appendix B**.

As described above, the Property is an undeveloped parcel of land that was formerly used for oil field related activities. No signs of the former oil wells were evident; however, many areas of the Property have been covered with soil, construction rubble/debris, old tires, a 55-gallon drum labeled "racing fuel," etc. In the central area of the Property is a vertical corrugated metal unit (with a diameter of about 15 inches) that appears to provide site drainage during precipitation events. The unit is located in low spot on the Property. With exception of the 55-gallon drum, no signs or presence of hazardous materials were observed by SCS during inspection of the Property.

During the inspection, Associated Soils Engineering (ASE) was in the process of collection soil samples for geotechnical evaluation. Nine borings to a depth of 30 feet below ground surface were completed by ASE. According to ASE field personnel, no signs of contamination such as chemical odors, soil staining, or signs or petroleum hydrocarbons were encountered in any of the samples during completion of the geotechnical borings drilled at the Property.

HAZARDOUS SUBSTANCES

With exception of the fuel drum, no evidence of storage or use of hazardous materials was observed on the Property by SCS.

NATURAL DRAINAGE

Site drainage is directed to the on-site collection areas or to the surrounding streets.

DISTURBED AREAS

As previously indicated, soils, debris, rubble, and other materials have been placed on the Property by unknown sources. Prior to site grading/development, these materials should be appropriately characterized and removed from the Property.

ELEVATORS AND OTHER HYDRAULIC EQUIPMENT

No elevators or other hydraulic equipment were observed on the Property.

WELLS

SCS observed no drinking water or groundwater monitoring wells on the Property.

ELECTRICAL EQUIPMENT

During the on-site inspection, SCS did not observe any typical SCE pad-mounted electrical transformers on the Property.

WASTEWATER

Since this site is undeveloped, no wastewater is generated. Wastewater generated from the proposed residential development will be directed to the local sanitary sewer system.

DRINKING WATER

The Golden State Water Company supplies water to this area of Placentia. All large public water suppliers in California have been required to test their water and comply with federal and state drinking water standards since the mid-1980s. Consequently, lead and other contaminants of concern are not expected to be present above applicable primary and secondary drinking water standards.

STORAGE TANKS

SCS observed no evidence of underground storage tanks on the Property. However, during the course of oil field exploration/recovery activities, aboveground tanks were present on the Property for storage of petroleum.

ASBESTOS-CONTAINING MATERIALS (ACMS)

Not applicable since buildings are not present on the Property.

LEAD-BASED PAINT (LBP)

Not applicable since buildings are not present on the Property.

VISUAL INSPECTION OF ADJOINING SITES

The Property is located in a commercial and residential area of Placentia where many single-family and mobile home units are present. A golf course is located northwest of the Property and a retail shopping area is located to the north across Alta Vista Street. However, most of this area of Placentia is developed with residential units. SCS observed no recognized environmental conditions on any of the adjoining sites.

9 INTERVIEWS

SCS interviewed City of Placentia personnel regarding this area of Orange County. According to city personnel, the Property and general area was formerly used for agriculture and oil field related activities. Information acquired during this interview is presented where appropriate throughout this report. A User Questionnaire was provided to SC Placentia Development LP and was returned. No environmental issues from these sources were identified.

10 SITE HISTORY

Site history was evaluated from the following sources:

- U.S. Geological Survey (USGS) Orange/Yorba Linda topographic maps (1964, photorevised 1972/1981).
- Historical aerial photographs dating from 1938, 1946, 1952, 1963, 1966, 1972, 1977, 1985, 1989, 1990, 1995, 2005, 2009, 2010, and 2012 provided by Environmental Data Resources (EDR) (June 19, 2017).
- A search was made of the EDR-Sanborn collection and no maps of the Property were found.
- Orange County Assessor's Office information.
- City of Placentia Department of Building and Safety.

Copies of the aerial photographs are included in **Appendix C**.

TOPOGRAPHIC MAP

A U.S. Geological Survey (USGS) Orange/Yorba Linda topographic maps (1964, photorevised 1972/1981) were reviewed for relevant information. Much of the Placentia area including the site area was depicted as orchards and as a portion of an oil field. No buildings or streets are shown on the Property. The Carbon Canyon Diversion Channel is present to the west (within 1,000 feet).

AERIAL PHOTOGRAPHS

A review of EDR aerial photographs (dating from 1938, 1946, 1952, 1963, 1966, 1972, 1977, 1985, 1989, 1990, 1995, 2005, 2009, 2010, and 2012) was conducted to establish historical property use information.

- 1938 – This photo shows the Property with oil field related activities. For example, large round aboveground storage tanks are evident along with oil derrick units scattered throughout the area. A large rectangular building is present in the southern portion of the site that was likely used for oil-related activities such as equipment storage. The area of Alta Vista Street does not extend east past present day Rose Drive. Much of the land in the general area is occupied with citrus orchards.
- 1946/1952/1963/1966 - These photos show the Property and adjacent parcels similar to conditions depicted in the 1938 photograph. In the 1963 photo, golf course to the northwest is now present.
- 1972 – This photo shows the Property and adjacent land parcels used for similar activities depicted in photographs from the 1950s and 1960s. Residential development is now present in areas northeast and south of the Property. Orchards are still present in the area but are not as prevalent as in earlier years.
- 1985 – This photo shows the Property is still being used for oil-related activities. The general area shows increasing residential development.
- 1989/1990 - This photo shows the Property is still being used for oil-related activities with most the site being used for storage as evidenced by rows of stored materials. The general area shows increasing residential development.
- 1995 - This photo shows the Property as a cleared parcel. The long rectangular building is still present in the southern portion of the site. Alta Vista Street is now present east of Rose Drive.
- 2005 – The site has been cleared of all oil-related structures and buildings. A residential neighborhood is present directly south and east of the Property. A commercial/retail center is now located directly north across Alta Vista Street.
- 2009/2010/2012 - These photos show the Property similar to conditions depicted in the 2005 photograph. The 2012 photo shows the presence of large soils piles in the central and western portions of the site.

From at least 1938 through early 1990s, the Property was used for oil field related activities. Most of the adjacent parcels were used for agriculture and/or oil field related activities. By the late 1990s, all oil field related structures/buildings had been removed from the Property. The general area is currently developed with single-family, mobile home park, golf courses, and neighborhood shopping areas.

SANBORN FIRE INSURANCE MAPS

EDR conducted a search for Sanborn for fire insurance maps covering the Property. No maps are available for this area of Placentia.

BUILDING PERMIT INFORMATION

No issues related to hazardous materials or potential for site contamination was observed from information contained in building permit files.

HISTORICAL USE SUMMARY

From at least 1938 through early 1990s, the Property was used for oil field related activities. Most of the adjacent parcels were used for agriculture and/or oil field related activities. By the late 1990s, all oil field related structures/buildings had been removed from the Property. The general area is currently developed with single-family and mobile home neighborhoods.

According to the Orange County HealthCare Agency, no significant issues associated with persistent pesticides in soils at former agricultural sites have arisen in this area of Placentia. Accordingly, SCS concludes that the historical agricultural use in the area of the Property is unlikely to represent a recognized environmental condition, and recommends no further investigation regarding this issue.

1.1 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

In order to identify commonly known or reasonably ascertainable information about the Property, SCS reviewed previous environmental reports and various regulatory agency files and interviewed regulatory agency personnel. The following information was identified.

REGULATORY AGENCY RECORDS

Local regulatory agencies and other sources were contacted in an effort to identify any known or suspected contamination sites or incidents of hazardous waste storage or disposal which might have resulted in soil or groundwater contamination within a one-mile radius of the Property. Within the City of Placentia, the Orange County HealthCare Agency is the lead enforcement agency for underground storage tank (UST) compliance. If a tank has leaked and groundwater contamination is suspected, the Santa Ana Regional Water Quality Control Board (SARWQCB) generally becomes the lead agency in supervising contaminant characterization and cleanup. These agencies were contacted and neither had any environmental files related to the Property.

1.2 REVIEW OF FEDERAL, STATE, TRIBAL, AND LOCAL GOVERNMENT DATABASES

A database search for sites listed on various federal, state, tribal, and local databases in the area around the Property was obtained from EDR (June 15, 2017). A description of each of the databases searched is included in the report, which is attached as **Appendix D**. Among the databases included

in the EDR report are NPL (federal, tribal, and state-equivalent), proposed and delisted NPL, CORRACTS (RCRA facilities subject to corrective actions), hazardous waste sites identified for investigation or remediation (SEMS [Superfund Enterprise Management System, formerly known as CERCLIS], State CERCLIS, VCP, Brownfields Calsites, etc.), LUST, sites with engineering controls, former CERCLIS (NFRAP), RCRA and state hazardous waste generators, ERNS, SWLF, USTs, and Toxic Pits.

Review of these records satisfies all requirements as set forth in 40 CFR Section 312.26 (b) and (c) with regard to the review of federal, tribal, and state government records of databases of such government records and local government records and databases of such records pertaining to both the Property and the nearby or adjoining properties. Further, the search distances for each particular database are as specified in 40 CFR 312.26 and ASTM E1527-13.

Any known or suspected contaminated sites included on these lists within 0.25 miles of the Property are discussed in the following text. As a general rule, sites beyond 0.25 miles are not anticipated to impact a site significantly. Any sites beyond 0.25 miles with a high potential to impact the Property are also discussed. (Please note: the distances and directions listed in this report have been field verified and might not always match those in the EDR report.)

Sites such as TSD facilities, hazardous waste generators, HAZNET, FINDS, SQGs, LQGs, USTs, HIST UST, RCRA violations, and TRIS facilities with toxic chemical releases (generally in accordance with permitting requirements - into the air, water, or land as reported under SARA Title III) use or store hazardous materials and thus may pose a potential problem in the event of a spill or leak. However, unless these sites also appear in an agency list of contaminated sites, there is no evidence of any problems at this time. Therefore, sites on these lists will not be discussed unless on or in close proximity to the Property.

PROPERTY LISTINGS

The target Property was not listed in any of the databases searched by EDR.

Other Database Sites

The EDR database report identified the following sites within a 0.25-mile radius of the Property:

- One RCRA hazardous waste generators (RCRA-gen).
- Two Envirostor listed sites.
- One underground storage tank (UST) site.
- One SEMS-ARCHIVE site.
- Two Underground Injection Control (UIC) sites.
- Two EDR Historical Automotive sites.

- One EDR Historical Cleaner site.
- One SWRCY (solid waste) facility site.

As shown in the EDR database report detail map, most of the above-listed sites are located north of the Property. The two UIC wells are located on the Property and were associated with the Bridgemark Corporation, and oil field operator. Both of these wells have been plugged and abandoned in accordance with regulatory requirements. Based on the available information, SCS concludes that none of these facilities or the UIC wells represents an environmental concern to the Property.

Unmappable or Orphan Sites

Two unmappable or orphan sites were listed in the EDR database report. Most of these site listings are due to incomplete addresses or incorrect zip code information. Based on review of the list provided by EDR, SCS concludes that none of the facilities are likely to represent an environmental concern to the Property. SCS concludes no further investigation regarding any of the facilities.

LANDFILLS

The EDR report identified one WMUD/SWAT solid waste facility within a 0.5- mile radius of the Property. However, the listing is erroneous since the listed site is located east of San Benito, California (more than 280 miles from Placentia).

OIL AND GAS WELLS

Available oil and gas well maps from the California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR) were reviewed to identify oil and gas wells on the Property or in the nearby area. According to the digital online mapping system (DOMS) 2.1, one water flood and seven oil/gas wells were previously located on the Property. All of the wells were properly abandoned in the 1990s.

Based on review of available regulatory information and discussions with former Bridgemark Corporation personnel, petroleum hydrocarbon impacted soils were remediated using approved land-farming applications in the late 1990s. The remediation efforts were successful in meeting regulatory cleanup guidelines and remediation efforts were terminated by 2001. On June 25, 2002, the Orange County HealthCare Agency issued full regulatory closure for Tentative Tract 15699 after successful completion of remedial activities completed on the site. A copy of this letter is provided in Appendix C.

13 USER PROVIDED INFORMATION

A User Questionnaire was provided to the User and was returned to SCS.

TITLE RECORDS

No chain-of-title report was provided to SCS for review.

ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

No information regarding environmental liens or activity/use limitations was provided to SCS by the User. No environmental liens or activity/use limitations were identified by SCS during the course of this assessment.

SPECIALIZED KNOWLEDGE

No specialized knowledge regarding the Property was provided to SCS by the User.

VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The User stated that it was not buying the property at a purchase price significantly reduced due to environmental issues or concerns, and that the price of the Property reflected its fair market value.

14 DEGREE OF OBVIOUSNESS OF THE PRESENCE/LIKELY PRESENCE OF CONTAMINATION ON THE PROPERTY

As discussed above, the Property was undeveloped land that was previously used for oil field related activities between the 1930s and 1990s. SCS observed no evidence of releases of hazardous substances to the Property and there appears to be little potential for on-site contamination on the Property. In the 1900s, petroleum-impacted soils were successfully treated on the Property using land-farming techniques. Remediation efforts were successful and on June 25, 2002, the Orange County HealthCare Agency issued a full closure letter for the site identified as Tentative Tract 15699.

According to the Orange County HealthCare Agency, no significant issues associated with persistent pesticides in soils at former agricultural sites have arisen in this area of Placentia. Accordingly, SCS concludes that the historical agricultural use of the Property is unlikely to represent a recognized environmental condition, and recommends no further investigation regarding this issue.

Since the Property was historically used for oil field related activities, there is a possibility that petroleum-impacted soils could be encountered during site development. In addition, there is potential for methane gas to be present in subsurface soils since the site is located in a large oil field area. Therefore, appropriate measures should be considered during soil/debris removal and site development activities.

15 DATA GAPS

A data gap represents an inability on the part of the environmental professional to obtain information required by the standards and practices of 40 CFR 312 to fully identify conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the Property. No data gaps were identified for the Property.

16 FINDINGS AND OPINIONS

SCS Engineers (SCS) was retained by SC Placentia Development LP to prepare a Phase I Environmental Assessment of property located at southeast corner of Rose Drive and Alta Vista Street, Placentia, Orange County, California. This assessment was performed in accordance with the Standing Agreement between SCS and User, ASTM E1527-13, and 40 CFR 312.20 *et seq.* (“AAI”).

Based on information provided by the Orange County HealthCare Agency, no significant issues associated with persistent pesticides in soils at former agricultural sites have arisen in this area of Placentia. Accordingly, SCS concludes that the historical agricultural use in the area of the Property is unlikely to represent a recognized environmental condition, and recommends no further investigation regarding this issue.

The Property was vacant undeveloped land that was used for oil field related activities from at least the 1930s through the early 1990s. The fact that the Property was used for oil field exploration activities (total of eight wells on the Property), this historical site use represents a Recognized Environmental Condition. Potential environmental issues associated with oil field sites include residual petroleum hydrocarbons in soil, oil sumps and associated structures, presence of methane gas, etc.

Petroleum-impacted soils on the Property were remediated in the late 1990s and the Orange County HealthCare Agency issued a full regulatory closure letter dated June 25, 2002 for the Property (Tentative Tract 15699). The closure letter was issued to Michael T. Bridges – Bridgemark Corporation located in Placentia, California.

Conclusions

SCS has performed a Phase I Environmental Site Assessment in general conformance with ASTM E1527-13. This assessment has revealed evidence of recognized environmental conditions (RECs) associated with the Property. Although further assessment of the Property for petroleum hydrocarbons or hazardous materials is not recommended, SC Development should develop a site specific soils management contingency plan in the event petroleum hydrocarbons are encountered during site development activities.

17 REFERENCES

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources website, <http://www.conservation.ca.gov/dog/Pages/Index.aspx>

United States Geological Survey, Orange/Yorba Linda CA 7.5 Minute Topographic Maps, 1964 (Photorevised 1972/1981).

City of Placentia, 401 East Chapman Avenue, Placentia, CA 92870
(714) 993-8117

Orange County HealthCare Agency, 405 W. Fifth Street, Santa Ana, CA 92701

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, 5816 Corporate Avenue, Suite 200, Cypress, California 90630-4731, (714) 816-6847

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, *California Oil and Gas Fields, Volume II, Southern, Central Coastal, and Offshore California*, 1991.

California Department of Health Services, *California Indoor Radon Levels Sorted by Zip Code*, <http://www.cdph.ca.gov/healthinfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf>. Updated May 4, 2010.

California Environmental Protection Agency, State Water Resources Control Board. GeoTracker website; <http://geotracker.waterboards.ca.gov/>

Environmental Data Resources, Inc., www.edrnet.com, 1-800-352-0050.

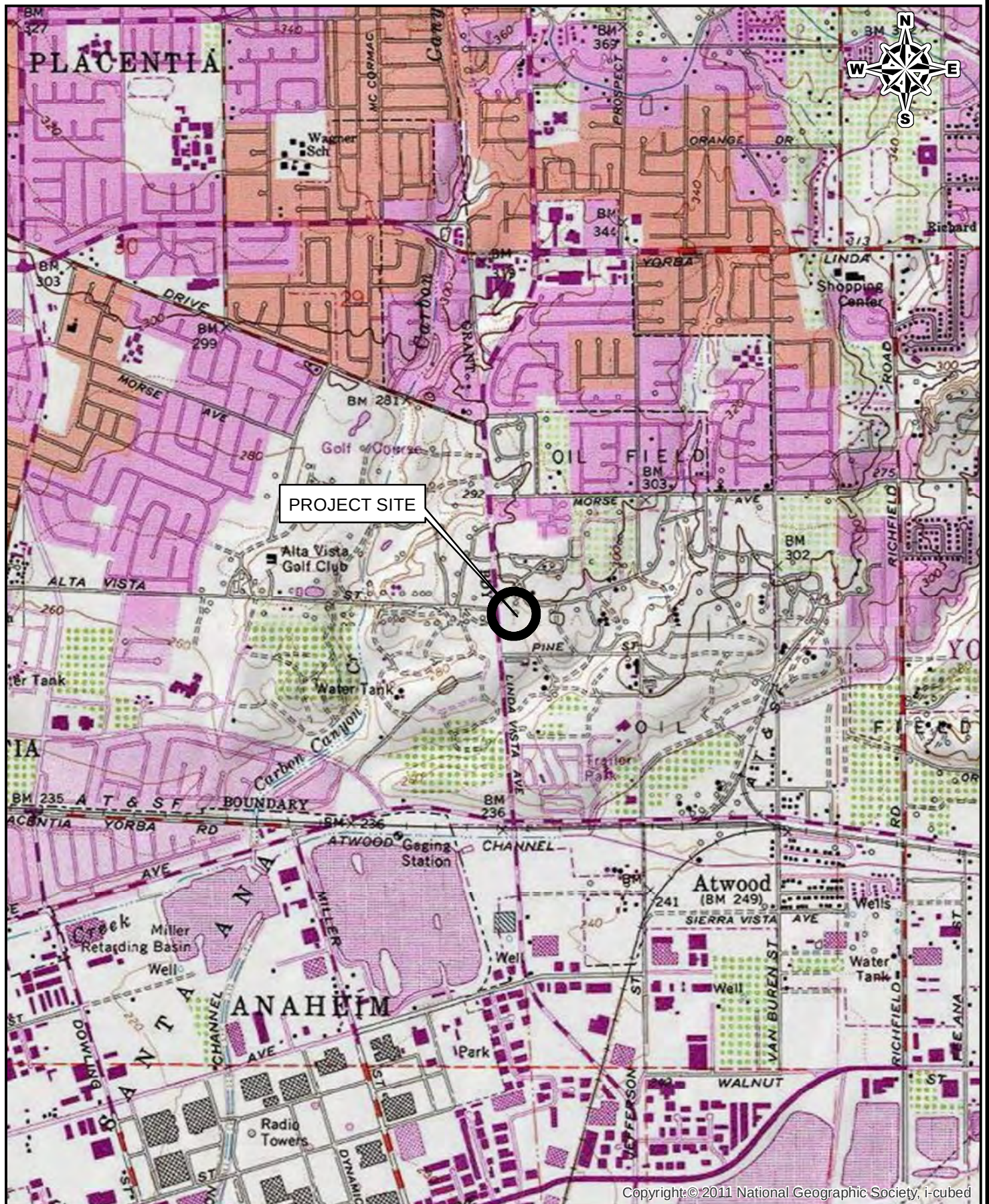
Closure Letter for Tentative Tract 15699 to Michael T. Bridges – Bridgemark Corporation, County of Orange HealthCare Agency, June 25, 2002.

18 GLOSSARY/DEFINITIONS

<u>AAI</u>	-- All Appropriate Inquiry
<u>AUL</u>	-- Activity and Use Limitations
<u>BTEX</u>	-- benzene, toluene, ethylbenzene, and total xylenes
<u>CERCLA</u>	-- Comprehensive, Environmental Response, Compensation, and Liability Act
<u>CERCLIS</u>	-- Comprehensive Environmental Response, Compensation, and Liability Information System
<u>CFR</u>	-- Code of Federal Regulations
<u>CORRACTS</u>	-- Corrective Action Against Responsible Parties at a RCRA site
<u>CREC</u>	-- A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, AULs, or institutional or engineering controls).
<u>DOGGR</u>	-- Department of Oil, Gas, and Geothermal Resources
<u>De Minimis Condition</u>	-- A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be <i>de minimis conditions</i> are not RECs or CRECs.
<u>DTSC</u>	-- California EPA Department of Toxic Substances Control
<u>EDR</u>	-- Environmental Data Resources, Inc.
<u>EPA</u>	-- Environmental Protection Agency
<u>ERNS</u>	-- Emergency Response Notification System
<u>ESA</u>	-- Environmental Site Assessment
<u>FINDS</u>	-- Facility Index System
<u>HAZNET</u>	-- California EPA Hazardous Waste Facility and Manifest Data
<u>HREC</u>	-- Historical Recognized Environmental Condition: A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls
<u>LQG</u>	-- Large Quantity Hazardous Waste Generator
<u>LUST</u>	-- Leaking Underground Storage Tank
<u>MCL</u>	-- Maximum contaminant level
<u>MTBE</u>	-- Methyl-tert-butyl-ether
<u>NFA</u>	-- No Further Action determination
<u>NFRAP</u>	-- No Further Remedial Action Planned
<u>NPL</u>	-- National Priority List (Superfund)
<u>PAHs</u>	-- Polynuclear aromatic hydrocarbons
<u>PCBs</u>	-- Polychlorinated biphenyls
<u>PRGs</u>	-- Preliminary Remediation Goals
<u>RCRA</u>	-- Resource Conservation and Recovery Act
<u>RCRIS</u>	-- Resource Conservation and Recovery Information System

<u>RECs</u>	-- <i>Recognized environmental conditions</i> is defined by ASTM E 1527-13 as: "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. <i>De minimis conditions</i> are not <i>recognized environmental conditions</i> ."
<u>ROD</u>	-- Record of Decision
<u>RBSLs</u>	-- Risk-based Screening Levels
<u>RWQCB</u>	-- Regional Water Quality Control Board
<u>SARA</u>	-- Superfund Amendments and Reauthorization Act
<u>SLIC</u>	-- Spills, Leaks, Investigations, and Cleanups database
<u>SQG</u>	-- Small Quantity Hazardous Waste Generator
<u>SWIS</u>	-- Solid Waste Information System
<u>SWLF</u>	-- Solid Waste Facility/Landfills
<u>TPH</u>	-- Total Petroleum Hydrocarbons
<u>TRIS</u>	-- Toxic Release Inventory System
<u>TSD</u>	-- Treatment, Storage, and/or Disposal Facility
<u>User</u>	-- The person or persons seeking to establish the innocent landowner defense, bona fide prospective purchaser liability protection, and/or contiguous property owner liability protection pursuant to CERCLA sections 101 and 107.
<u>USGS</u>	-- United States Geologic Survey
<u>UST</u>	-- Underground Storage Tank
<u>VCP</u>	-- Voluntary Cleanup Program
<u>VOCs</u>	-- Volatile organic compounds

APPENDIX A SITE LOCATON MAP



SCS ENGINEERS

3900 KILROY AIRPORT WAY, STE 100
LONG BEACH, CALIFORNIA 90806-6816

SITE:

SE Corner of Rose Drive & Alta Vista Street
Placentia, California 92870

Job No.: 01217181.00

Title: SITE LOCATION MAP

FIGURE

1



SCS ENGINEERS ENVIRONMENTAL CONSULTANTS

3900 KILROY AIRPORT WAY, SUITE 100
LONG BEACH, CA 90806
PH. (562) 426-9544 FAX. (562) 427-0805

PROJ. NO.:

01217181.00

DWN. BY:

K. BRAUN

APP. BY:

T. DONG

CLIENT:

SC Placentia Development
14841 Yorba Street, Suite 205
Tustin, California 92780

SHEET TITLE:

AERIAL PHOTO SHOWING LOCATION OF SITE

PROJECT TITLE:

SE Corner of Rose Drive & Alta Vista Street
Placentia, California 92870

DATE:

June 15, 2017

SCALE:

Not to Scale

FIGURE NO.:

2

APPENDIX B SITE PHOTOGRAPHS



Photo 1. View of Rose Drive and Alta Vista Street from Northern Site Area.



Photo 2. Soil Piles Placed on the Site.



Photo 3. View Looking South Adjacent to Rose Drive Showing Homes in the Background.



Photo 4. Shopping Center Located Directly North Across Alta Vista Street.



Photo 5. View Looking East Adjacent to Alta Vista Street Showing Homes in the Background.



Photo 6. Piles of Debris, Tires, Soil Located in the Southern Portion of the Site.



Photo 7. View Across the Property from Southeast Area of the Site.



Photo 8. Engineered Drainage Collection Unit in the Central Portion of the Property.



Photo 9. Large Rubble Pile Located Along Southern Boundary of the Property.



Photo 10. 55-Gallon Drum with Liquid Contents Labeled Racing Fuel.



Photo 11. Label on 55-Gallon Drum for Race Fuel Gasoline.



Photo 12. Large Mounds of Soil Place on the Site from Unknown Sources.



Photo 13. View of Homes/Golf Course Located on West Side Of Rose Drive.



Photo 14. View to the Southeast from the NWC of the Property.



Photo 15. Drill Rig for Collection of Geotechnical Soil Samples by Associated Soils Engineering.



Photo 16. View Across Site Showing Soil Piles, Debris, and Topographic Changes.



Photo 17. ASE Staked Boring Location and Debris Material Along Southern Portion of the Site.



Photo 18. Interior View of Metal Drainage Unit.

APPENDIX C HISTORICAL SITE USE INFORMATION





☒		 APN	Co	Owner	S Street Address	S City State Zip	Use Type	Lot SqFt	Construction Type	Year Built	Lot Acres	Lot SqFt	Bldg/Liv Area	Impr. Value	Improvement Type	Improvement. %
☒	1	341-324-01	ORG	SC PLACENTIA DEVELOPMENT LP			COMMERCIAL	372,459			8.550	372,459				0%



DETAIL REPORT

Property Address:

Ownership

Parcel# (APN): **341-324-01**
Parcel Status:
Owner Name: **SC PLACENTIA DEVELOPMENT LP**
Mailing Addr: **2151 MICHELSON DR STE 140 IRVINE CA 92612**
Legal Description: **N TR 15699 BLK LOT 183 TRACT 15699 POR OF LOT 18**

Assessment

Total Value:	\$7,715,900	Use Code:	3	Use Type:	COMMERCIAL
Land Value:	\$7,715,900	Tax Rate Area:	009-040	Zoning:	
Impr Value:		Year Assd:	2016	Census Tract:	
Other Value:		Property Tax:		Price/SqFt:	
% Improved:	0%	Delinquent Yr:			
Exempt Amt:		HO Exempt:	N		

Sale History

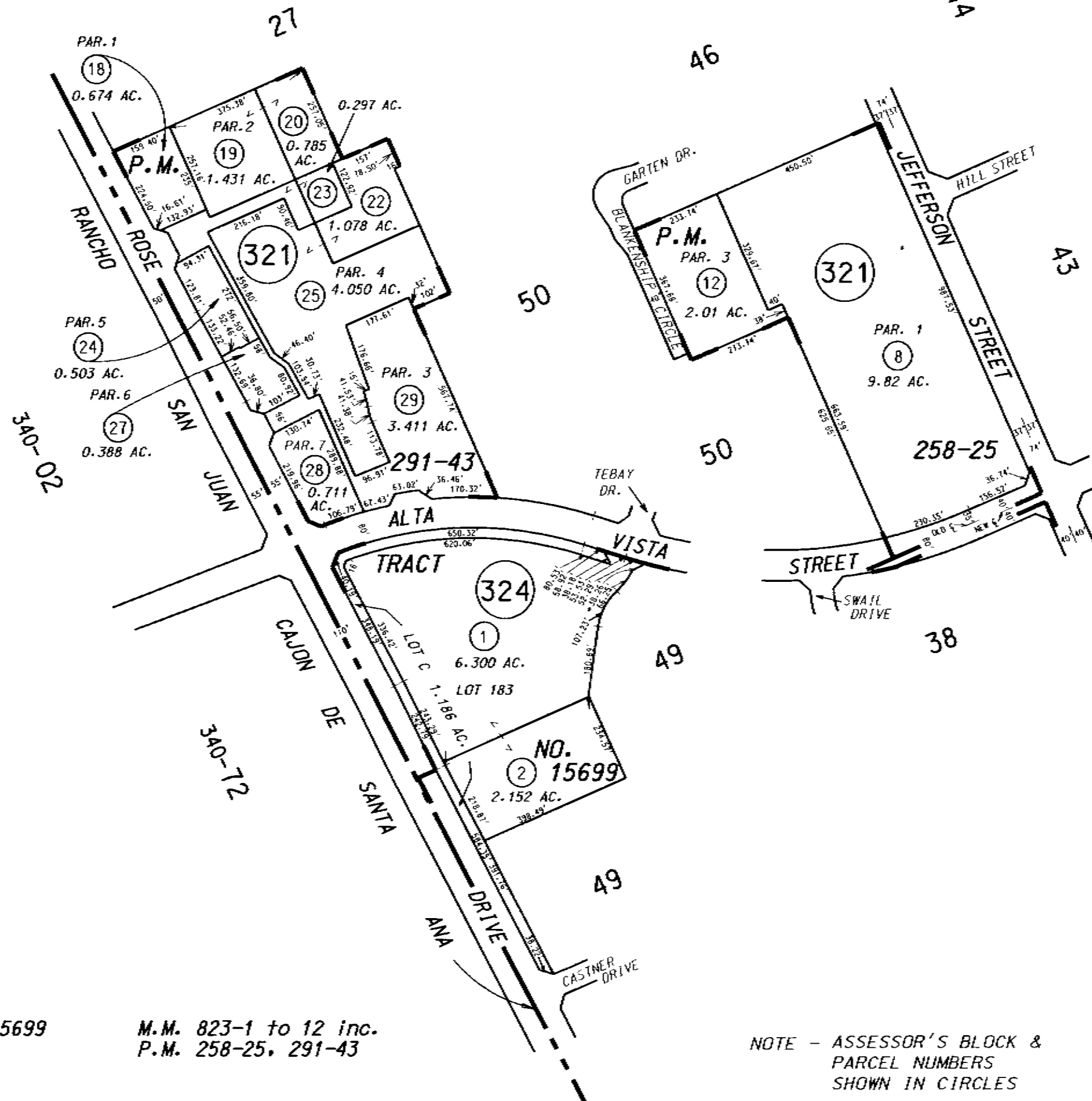
	Sale1	Sale2	Sale3	Transfer
Recording date:	11/21/2007			08/15/2014
Recording Doc:	00695872			00331248
Doc type:	GRANT DEED			
Transfer Amount:	\$1,700,000			
Seller (Grantor):	DOUBLE Z LLC			
1st Trust Dd Amt:				
2nd Trust Dd Amt:				

Property Characteristics

Bedrooms:	Fireplace:	Units:
Baths (Full):	A/C:	Stories:
Baths (Half):	Heating:	Quality:
Total Rooms:	Pool:	Building Class:
Bldg/Liv Area:	Park Type:	Condition:
Lot Acres:	Spaces:	Site influence:
Lot SqFt:	Garage SqFt:	Timber Preserve:
Year Built:	Bsmt SqFt:	Ag Preserve:
Effective Year:	N/A	

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341-32



MARCH 1983

TRACT NO. 15699
PARCEL MAP

M.M. 823-1 to 12 inc.
P.M. 258-25, 291-43

NOTE - ASSESSOR'S BLOCK &
PARCEL NUMBERS
SHOWN IN CIRCLES

ASSESSOR'S MAP
BOOK 341 PAGE 32
COUNTY OF ORANGE

NOTE:
LETTER LOTS ARE UNDIVIDED INTEREST AS
TENANTS IN COMMON TO ALL THE NUMBERED
LOTS OF TRACT NO. 15699





**COUNTY OF ORANGE
HEALTH CARE AGENCY**

**REGULATORY HEALTH SERVICES
ENVIRONMENTAL HEALTH**

*Excellence
Integrity
Service*

June 25, 2002

**JULIETTE A. POULSON, RN, MN
DIRECTOR**

**MIKE SPURGEON
DEPUTY AGENCY DIRECTOR
REGULATORY HEALTH SERVICES**

**STEVEN K. WONG, REHS, MPH
DIRECTOR
ENVIRONMENTAL HEALTH**

**MAILING ADDRESS:
2008 EAST EDINGER AVENUE
SANTA ANA, CA 92705-4720**

**TELEPHONE: (714) 667-3600
FAX: (714) 972-0749**

E-MAIL: environhealth@hca.co.orange.ca.us

**Michael T. Bridges
Bridgemark Corporation
1075 E. Yorba Place, Suite 105
Placentia, CA 92870**

Subject: Closure for Tentative Tract 15699
**Re: Placentia Development Company, LLC
Tract 15699
6061 Jefferson Street
Placentia, CA 92870
OCHCA Case #00IC9**

Dear Mr. Bridges:

This is to clarify the use of the term "partial closure" in the OCHCA letter sent to you on April 4, 2002. The word "partial" was appended due to the fact that the closure letter referred specifically to remedial action successfully completed for Tentative Tract 15699 only. Tentative Tract 15700, which is associated with Tract 15699 and is part of the OCHCA Case #00IC9, was not included in that specific submittal for closure. The letter is a full closure letter in regards to Tentative Tract 15699 only.

If you have any questions regarding this matter, please contact the undersigned at (714) 667-3717.

Sincerely,

**Luis Lodrigueza
Hazardous Waste Specialist
Hazardous Materials Mitigation Section
Environmental Health Division**

**cc: Michael P. Bailey, Shapell Industries, Inc.
8383 Wilshire Blvd., Suite 700
Beverly Hills, CA 90211**



SE Corner of Rose Drive & Alta Vista Street

SE Corner of Rose Drive & Alta Vista Street

Placentia, CA 92870

Inquiry Number: 4968502.5

June 19, 2017

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/19/17

Site Name:

SE Corner of Rose Drive & Alta
SE Corner of Rose Drive & Alta
Placentia, CA 92870
EDR Inquiry # 4968502.5

Client Name:

SCS Engineers
3900 Kilroy Airport Way
Long Beach, CA 90806
Contact: Kim Braun



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1995	1"=500'	Acquisition Date: October 03, 1995	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 03, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1977	1"=500'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 30, 1972	USGS
1966	1"=500'	Flight Date: April 16, 1966	USGS
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: December 12, 1952	USDA
1946	1"=500'	Flight Date: December 29, 1946	USGS
1938	1"=500'	Flight Date: June 21, 1938	USDA

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INQUIRY #: 4968502.5

YEAR: 2012

— = 500'





INQUIRY #: 4968502.5

YEAR: 2010

— = 500'





INQUIRY #: 4968502.5

YEAR: 2009

— = 500'





INQUIRY #: 4968502.5

YEAR: 2005

— = 500'





INQUIRY #: 4968502.5

YEAR: 1995

— = 500'





INQUIRY #: 4968502.5

YEAR: 1990

— = 500'





INQUIRY #: 4968502.5

YEAR: 1989

— = 500'





INQUIRY #: 4968502.5

YEAR: 1985

— = 500'





INQUIRY #: 4968502.5

YEAR: 1977

— = 500'



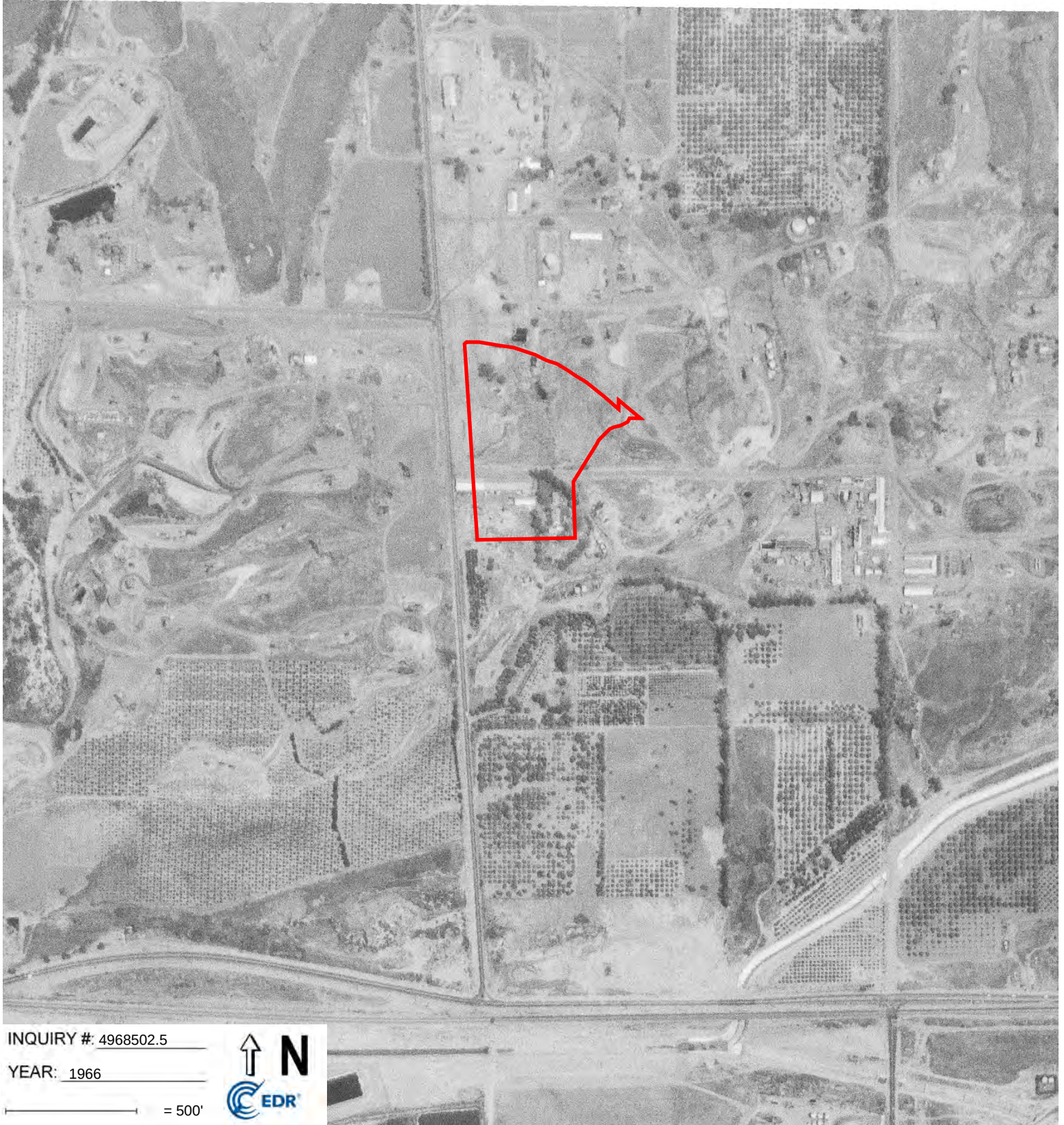


INQUIRY #: 4968502.5

YEAR: 1972

— = 500'





INQUIRY #: 4968502.5

YEAR: 1966

— = 500'





INQUIRY #: 4968502.5

YEAR: 1963

— = 500'





INQUIRY #: 4968502.5

YEAR: 1952

— = 500'





INQUIRY #: 4968502.5

YEAR: 1946

— = 500'





INQUIRY #: 4968502.5

YEAR: 1938

— = 500'



APPENDIX D EDR DATABASE REPORT

SE Corner of Rose Drive & Alta Vista Street

SE Corner of Rose Drive & Alta Vista Street

Placentia, CA 92870

Inquiry Number: 04968502.2r

June 15, 2017

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SE CORNER OF ROSE DRIVE & ALTA VISTA STREET
PLACENTIA, CA 92870

COORDINATES

Latitude (North):	33.8744510 - 33° 52' 28.02"
Longitude (West):	117.8421100 - 117° 50' 31.59"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	422115.9
UTM Y (Meters):	3748360.5
Elevation:	283 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641308 ORANGE, CA
Version Date:	2012
North Map:	5640946 YORBA LINDA, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140514, 20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SE CORNER OF ROSE DRIVE & ALTA VISTA STREET
PLACENTIA, CA 92870

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	BRIDGEMARK CORPORATI		UIC	Higher	1 ft.
A2	BRIDGEMARK CORPORATI		UIC	Higher	1 ft.
B3	ALTA VISTA COUNTRY C	ROSE & ALTA VISTA ST	SEMS-ARCHIVE	Higher	122, 0.023, NW
B4	76 STATION #5741	600 ROSE	LUST	Higher	247, 0.047, NNW
B5	CIRCLE K STORE IN #5	600 N ROSE DR	UST	Higher	247, 0.047, NNW
B6	76 STATION #2705741	600 ROSE DR	LUST, HAZNET	Higher	247, 0.047, NNW
B7	CONOCOPHILLIPS COMPA	600 N ROSE DR	EDR Hist Auto	Higher	247, 0.047, NNW
B8	ALTA VISTA COUNTRY C	ROSE AND ALTA VISTA	ENVIROSTOR	Higher	294, 0.056, NNW
B9	HIGH END AUTO DETAIL	650 N ROSE DR	EDR Hist Auto	Higher	332, 0.063, NNW
C10	NORTON COMPANY	642 N ROSE DR	EDR Hist Cleaner	Higher	347, 0.066, NNW
B11	BRIDGEMARK RICHFIELD	ALTA VISTA AT ROSE D	RCRA-SQG	Higher	387, 0.073, NW
C12	MULBERRY CHILDCARE C	612 NORTH ROSE DRIVE	ENVIROSTOR	Higher	409, 0.077, NNW
13	REPLANET LLC	710 N ROSE DR	SWRCY	Higher	695, 0.132, North
14	PLACENTIA-YORBA LIND	1301 ORANGETHORPE	LUST	Higher	1506, 0.285, SE
15	NORTH OLD HERNANDEZ	EAST OF SAN BENITO	WMUDS/SWAT	Higher	1668, 0.316, NNW
D16	RICHFIELD FIELD	6071 JEFFERSON STREE	Notify 65	Lower	1713, 0.324, SE
D17	UNOCAL	6071 JEFFERSON	LUST, HIST UST, Orange Co. Industrial Site, EMI,...	Lower	1713, 0.324, SE
E18	MOBIL CORP	1477 JEFFERSON ST	SLIC, SWEEPS UST, CHMIRS, EMI	Lower	2520, 0.477, SSE
E19	MOBIL ATWOOD TERMINA	1477 N JEFFERSON STR	SLIC	Lower	2520, 0.477, SSE
E20	MOBIL ATWOOD TERM MK	6507 JEFFERSON	SEMS-ARCHIVE, RCRA-LQG	Lower	2520, 0.477, SSE
E21	ATTWOOD TERMINAL	1477 JEFFERSON	ENF, HIST CORTESE	Lower	2520, 0.477, SSE
E22	TORRANCE LOGISTICS C	1477 N JEFFERSON ST	SLIC, AST, ICIS, US AIRS, Cortese, EMI	Lower	2520, 0.477, SSE
F23	CHEVRON/KRAEMER LEAS	842 ALTA VISTA	LUST, HIST CORTESE	Higher	2573, 0.487, East
F24	BRIDGEMARK TRACTS 15	1210 ALTA VISTA ST.	ENVIROSTOR	Lower	2693, 0.510, East
25	RICHFIELD OILFIELD	WILLOW & VAN BUREN	ENVIROSTOR	Lower	2980, 0.564, ESE
G26	CAR CANYON FIELD CON		ENVIROSTOR	Lower	3675, 0.696, SW
G27	PRECISION ANODIZING	1601 N. MILLER STREE	ENVIROSTOR, Orange Co. Industrial Site, NPDES, WDS	Lower	3692, 0.699, SW
G28	PRECISION ANODIZING	1601 MILLER ST	ENVIROSTOR, EMI	Lower	3692, 0.699, SW
29	GRANT PISTON RING CO	1360 N JEFFERSON ST	RCRA-SQG, ENVIROSTOR, FINDS, ECHO, NPDES, WDS	Lower	3745, 0.709, SSE
30	FORMER S & S POLISHI	1501 NORTH MILLER ST	ENVIROSTOR	Lower	3913, 0.741, SW
31	WESTERN EXTERMINATOR	1321 NORTH JEFFERSON	ENVIROSTOR	Lower	3998, 0.757, SSE
32	STAINLESS MICRO POLI	1286 N. GROVE ST	RCRA-LQG, ENVIROSTOR, FINDS, ECHO, NPDES, WDS	Lower	4351, 0.824, South
33	PAGE 31 OILFIELD PRO	17550 BUENA VISTA AV	ENVIROSTOR, Orange Co. Industrial Site	Higher	4352, 0.824, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

Toxic Pits..... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing

EXECUTIVE SUMMARY

HIST UST..... Hazardous Substance Storage Container Database
CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
Orange Co. Industrial Site..... List of Industrial Site Cleanups
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
UXO..... Unexploded Ordnance Sites

EXECUTIVE SUMMARY

DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 02/07/2017 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALTA VISTA COUNTRY C	ROSE & ALTA VISTA ST	NW 0 - 1/8 (0.023 mi.)	B3	9
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL ATWOOD TERM MK	6507 JEFFERSON	SSE 1/4 - 1/2 (0.477 mi.)	E20	34

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/12/2016 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRIDGEMARK RICHFIELD	ALTA VISTA AT ROSE D	NW 0 - 1/8 (0.073 mi.)	B11	16

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to,

EXECUTIVE SUMMARY

identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/30/2017 has revealed that there are 12 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALTA VISTA COUNTRY C Facility Id: 30790001 Status: No Further Action	ROSE AND ALTA VISTA	NNW 0 - 1/8 (0.056 mi.)	B8	15
MULBERRY CHILDCARE C Facility Id: 30830003 Status: Refer: 1248 Local Agency	612 NORTH ROSE DRIVE	NNW 0 - 1/8 (0.077 mi.)	C12	17
PAGE 31 OILFIELD PRO Facility Id: 30000007 Status: Refer: 1248 Local Agency	17550 BUENA VISTA AV	ENE 1/2 - 1 (0.824 mi.)	33	100
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRIDGEMARK TRACTS 15 Facility Id: 30000014 Status: Refer: 1248 Local Agency	1210 ALTA VISTA ST.	E 1/2 - 1 (0.510 mi.)	F24	65
RICHFIELD OILFIELD Facility Id: 30130177 Status: Inactive - Needs Evaluation	WILLOW & VAN BUREN	ESE 1/2 - 1 (0.564 mi.)	25	66
CAR CANYON FIELD CON Facility Id: 80000223 Status: Inactive - Needs Evaluation		SW 1/2 - 1 (0.696 mi.)	G26	67
PRECISION ANODIZING Facility Id: 71002536 Status: Active	1601 N. MILLER STREE	SW 1/2 - 1 (0.699 mi.)	G27	68
PRECISION ANODIZING Facility Id: 30280124 Status: Active	1601 MILLER ST	SW 1/2 - 1 (0.699 mi.)	G28	72
GRANT PISTON RING CO Facility Id: 71003662 Status: Inactive - Needs Evaluation	1360 N JEFFERSON ST	SSE 1/2 - 1 (0.709 mi.)	29	78
FORMER S & S POLISHI Facility Id: 60001804 Status: Active	1501 NORTH MILLER ST	SW 1/2 - 1 (0.741 mi.)	30	88
WESTERN EXTERMINATOR Facility Id: 30730041 Status: No Further Action	1321 NORTH JEFFERSON	SSE 1/2 - 1 (0.757 mi.)	31	90
STAINLESS MICRO POLI Facility Id: 71002642 Status: Inactive - Needs Evaluation	1286 N. GROVE ST	S 1/2 - 1 (0.824 mi.)	32	91

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
76 STATION #5741 Database: LUST, Date of Government Version: 03/13/2017 Status: Completed - Case Closed Global Id: T10000000040	600 ROSE	NNW 0 - 1/8 (0.047 mi.)	B4	10
76 STATION #2705741 Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016 Facility Id: 08UT005	600 ROSE DR	NNW 0 - 1/8 (0.047 mi.)	B6	12
PLACENTIA-YORBA LIND Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016 Database: LUST, Date of Government Version: 03/13/2017 Status: Completed - Case Closed Facility Id: 94UT067 Facility Status: Preliminary site assessment workplan submitted Global Id: T0605901832 Global ID: T0605901832	1301 ORANGETHORPE	SE 1/4 - 1/2 (0.285 mi.)	14	19
CHEVRON/KRAEMER LEAS Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016 Database: LUST, Date of Government Version: 03/13/2017 Status: Completed - Case Closed Facility Id: 89UT116 Facility Status: Case Closed Global Id: T0605901208 Global ID: T0605901208	842 ALTA VISTA	E 1/4 - 1/2 (0.487 mi.)	F23	62
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016 Database: LUST, Date of Government Version: 03/13/2017 Status: Completed - Case Closed Facility Id: 89UT200 Facility Status: Case Closed Global Id: T0605901016 Global ID: T0605901016	6071 JEFFERSON	SE 1/4 - 1/2 (0.324 mi.)	D17	24

EXECUTIVE SUMMARY

SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the SLIC list, as provided by EDR, has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL CORP Database: SLIC, Date of Government Version: 03/13/2017 Facility Status: Open - Site Assessment Global Id: T0605934334	1477 JEFFERSON ST	SSE 1/4 - 1/2 (0.477 mi.)	E18	30
MOBIL ATWOOD TERMINA Database: SLIC REG 8, Date of Government Version: 04/03/2008 Facility Status: Post-Investigation/Remediation Monitoring	1477 N JEFFERSON STR	SSE 1/4 - 1/2 (0.477 mi.)	E19	34
TORRANCE LOGISTICS C Database: SLIC, Date of Government Version: 03/13/2017 Facility Status: Open - Verification Monitoring Global Id: SLT8R1594080	1477 N JEFFERSON ST	SSE 1/4 - 1/2 (0.477 mi.)	E22	42

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K STORE IN #5 Database: ORANGE CO. UST, Date of Government Version: 02/06/2017 Database: UST, Date of Government Version: 03/12/2017 Facility Id: FA0063815 Facility Id: 18709	600 N ROSE DR	NNW 0 - 1/8 (0.047 mi.)	B5	12

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTH OLD HERNANDEZ	EAST OF SAN BENITO	NNW 1/4 - 1/2 (0.316 mi.)	15	23

EXECUTIVE SUMMARY

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/13/2017 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REPLANET LLC Cert Id: RC155834.001	710 N ROSE DR	N 1/8 - 1/4 (0.132 mi.)	13	18

Other Ascertainable Records

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/28/2016 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TORRANCE LOGISTICS C	1477 N JEFFERSON ST	SSE 1/4 - 1/2 (0.477 mi.)	E22	42

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON/KRAEMER LEAS Reg Id: 083001589T	842 ALTA VISTA	E 1/4 - 1/2 (0.487 mi.)	F23	62

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL Reg Id: 083001327T	6071 JEFFERSON	SE 1/4 - 1/2 (0.324 mi.)	D17	24
ATTWOOD TERMINAL Reg Id: 8 302486001	1477 JEFFERSON	SSE 1/4 - 1/2 (0.477 mi.)	E21	41

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 12/16/2016 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RICHFIELD FIELD	6071 JEFFERSON STREE	SE 1/4 - 1/2 (0.324 mi.)	D16	24

EXECUTIVE SUMMARY

UIC: A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

A review of the UIC list, as provided by EDR, and dated 01/20/2017 has revealed that there are 2 UIC sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRIDGEMARK CORPORATI Well Status: Plugged		0 - 1/8 (0.000 mi.)	A1	8
BRIDGEMARK CORPORATI Well Status: Plugged		0 - 1/8 (0.000 mi.)	A2	8

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONOCOPHILLIPS COMPA	600 N ROSE DR	NNW 0 - 1/8 (0.047 mi.)	B7	14
HIGH END AUTO DETAIL	650 N ROSE DR	NNW 0 - 1/8 (0.063 mi.)	B9	16

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTON COMPANY	642 N ROSE DR	NNW 0 - 1/8 (0.066 mi.)	C10	16

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name

HQT HOMES AREAS 4 & 6 LP
PLEGEL OIL COMPANY;SHAY ODOM LEASE

Database(s)

ENVIROSTOR
ENVIROSTOR

OVERVIEW MAP - 04968502.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

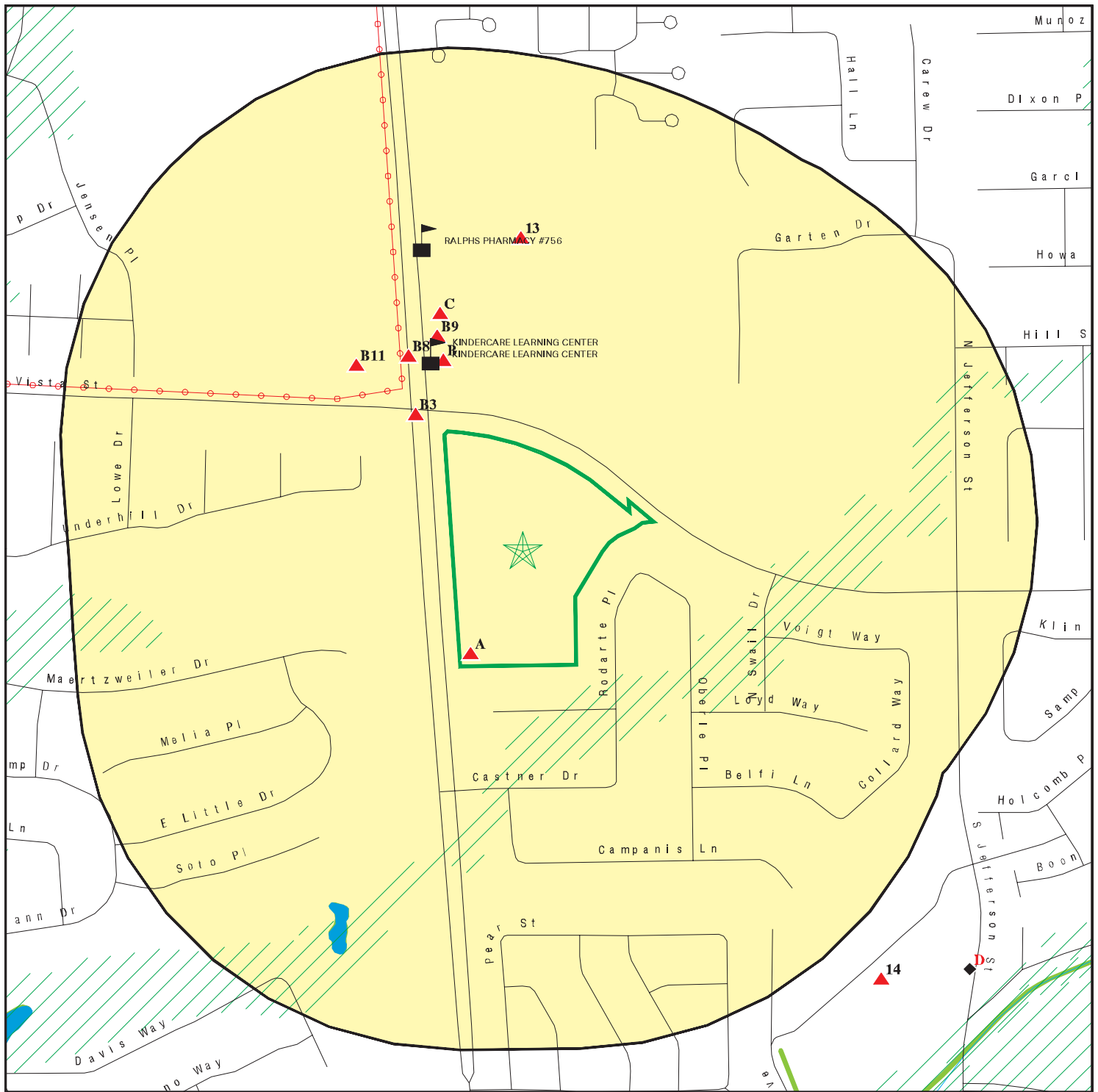
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: SE Corner of Rose Drive & Alta Vista Street
ADDRESS: SE Corner of Rose Drive & Alta Vista Street
Placentia CA 92870
LAT/LONG: 33.874451 / 117.84211

CLIENT: SCS Engineers
CONTACT: Kim Braun
INQUIRY #: 04968502.2r
DATE: June 15, 2017 7:55 pm

DETAIL MAP - 04968502.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: SE Corner of Rose Drive & Alta Vista Street
ADDRESS: SE Corner of Rose Drive & Alta Vista Street
Placentia CA 92870
LAT/LONG: 33.874451 / 117.84211

CLIENT: SCS Engineers
CONTACT: Kim Braun
INQUIRY #: 04968502.2r
DATE: June 15, 2017 7:59 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		1	0	1	NR	NR	2
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	0	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		2	0	0	10	NR	12
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		2	0	3	NR	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	3	NR	NR	3
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	1	NR	NR	1
SWRCY	0.500		0	1	0	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
Orange Co. Industrial Site	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	1	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	3	NR	NR	3
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	1	0	NR	1
UIC	0.001		2	NR	NR	NR	NR	2
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	12	1	13	10	0	36

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

A1 BRIDGEMARK CORPORATION

UIC S118835632
N/A

< 1/8
1 ft.

Site 1 of 2 in cluster A

Relative:
Higher

UIC:

Actual:
296 ft.

API Number: 05906330
Confidential Well: No
Well Number: 7
Direction: Unknown
Lease Name: WRKZU-Union-Bradford
Field Name: Richfield
Area Name: Any Area
Section: 32
Township: 03S
Range: 09W
Base And Meridian; Part Of The PLSS: SB
GIS Source Code: gps
Latitude: 33.87347
Longitude: -117.8426
Well Type: Water Flood
Well Status: Plugged
Operator Code: B6129
Operator Name: Bridgemark Corporation
BLM Well: N
EPA Well: N
Location: Not reported
Dryhole: N
Well DEP: 0
Aband Status: Not reported

A2 BRIDGEMARK CORPORATION

UIC S118835633
N/A

< 1/8
1 ft.

Site 2 of 2 in cluster A

Relative:
Higher

UIC:

Actual:
295 ft.

API Number: 05906331
Confidential Well: No
Well Number: 8
Direction: Unknown
Lease Name: WRKZU-Union-Bradford
Field Name: Richfield
Area Name: Any Area
Section: 32
Township: 03S
Range: 09W
Base And Meridian; Part Of The PLSS: SB
GIS Source Code: gps
Latitude: 33.87347
Longitude: -117.8427
Well Type: Water Flood
Well Status: Plugged
Operator Code: B6129
Operator Name: Bridgemark Corporation
BLM Well: N
EPA Well: N
Location: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRIDGEMARK CORPORATION (Continued)

S118835633

Dryhole: N
Well DEP: 0
Aband Status: Not reported

**B3
NW
< 1/8
0.023 mi.
122 ft.**

**ALTA VISTA COUNTRY CLUB
ROSE & ALTA VISTA ST
PLACENTIA, CA 92670**

SEMS-ARCHIVE

**1003878771
CAD980888945**

Site 1 of 8 in cluster B

**Relative:
Higher**

SEMS-ARCHIVE:

Site ID: 902199
EPA ID: CAD980888945

**Actual:
295 ft.**

Federal Facility: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0902199
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13286870.00000
Person ID: 13003854.00000

Contact Sequence ID: 13292465.00000
Person ID: 13003858.00000

Contact Sequence ID: 13298323.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: IRWIN CHAPMAN- WICKETT CO (OWNER)
Alias Address: 2962 AIRWAY AVE
COSTA MESA, CA 92626

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT
Date Started: 08/01/85
Date Completed: 01/01/86
Priority Level: Low priority for further assessment

Action: DISCOVERY
Date Started: / /
Date Completed: 09/01/85
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/18/89
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALTA VISTA COUNTRY CLUB (Continued)

1003878771

Date Completed: 01/18/89
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

**B4
NNW
< 1/8
0.047 mi.
247 ft.**

**76 STATION #5741
600 ROSE
PLACENTIA, CA 92870
Site 2 of 8 in cluster B**

**LUST S105724827
N/A**

**Relative:
Higher**

LUST:

**Actual:
299 ft.**

Region: STATE
Global Id: T10000000040
Latitude: 33.876201
Longitude: -117.84283
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/19/2012
Lead Agency: ORANGE COUNTY LOP
Case Worker: TE
Local Agency: ORANGE COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 08UT005
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel, Gasoline
Site History: Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T10000000040
Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: nolson-martin@waterboards.ca.gov
Phone Number: Not reported

Global Id: T10000000040
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

Status History:

Global Id: T10000000040
Status: Completed - Case Closed
Status Date: 10/19/2012

Global Id: T10000000040
Status: Open - Case Begin Date

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

76 STATION #5741 (Continued)

S105724827

Status Date: 04/08/2008

Global Id: T10000000040
Status: Open - Site Assessment
Status Date: 07/16/2008

Regulatory Activities:

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 10/19/2012
Action: Notification - Public Notice of Case Closure

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 04/23/2012
Action: Staff Letter

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 09/12/2012
Action: Notification - Preclosure

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 09/12/2012
Action: Notification - Preclosure

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 02/14/2011
Action: Staff Letter

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 09/12/2012
Action: Notification - Preclosure

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 11/23/2009
Action: Staff Letter

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 12/23/2008
Action: Staff Letter

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 08/12/2008
Action: Staff Letter

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 09/12/2012
Action: Notification - Preclosure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

76 STATION #5741 (Continued)

S105724827

Global Id: T10000000040
Action Type: ENFORCEMENT
Date: 09/12/2012
Action: Notification - Preclosure

Global Id: T10000000040
Action Type: Other
Date: 04/10/2008
Action: Leak Reported

Global Id: T10000000040
Action Type: Other
Date: 04/08/2008
Action: Leak Discovery

**B5
NNW
< 1/8
0.047 mi.
247 ft.**

**CIRCLE K STORE IN #5741
600 N ROSE DR
PLACENTIA, CA 92870
Site 3 of 8 in cluster B**

**UST U003913443
N/A**

**Relative:
Higher**

UST:
Facility ID: Not reported
Permitting Agency: Orange County Environmental Health
Latitude: 33.87624
Longitude: -117.8429

**Actual:
299 ft.**

Facility ID: 18709
Permitting Agency: ORANGE COUNTY
Latitude: 33.8776817
Longitude: -117.8415589

ORANGE CO. UST:
Facility ID: FA0063815

**B6
NNW
< 1/8
0.047 mi.
247 ft.**

**76 STATION #2705741
600 ROSE DR
PLACENTIA, CA 92870
Site 4 of 8 in cluster B**

**LUST S113109708
HAZNET N/A**

**Relative:
Higher**

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 08UT005
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 10/19/2012
Record ID: RO0003486

**Actual:
299 ft.**

Region: ORANGE
Facility Id: 08UT005
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 10/19/2012
Record ID: RO0003486

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

76 STATION #2705741 (Continued)

S113109708

HAZNET:

envid: S113109708
Year: 2003
GEPAID: CAL000216986
Contact: STERLING HUNDLEY
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Treatment, Tank
Tons: 0.17
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: S113109708
Year: 2003
GEPAID: CAL000216986
Contact: STERLING HUNDLEY
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: S113109708
Year: 2002
GEPAID: CAL000216986
Contact: STERLING HUNDLEY
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Treatment, Tank
Tons: 0.45
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: S113109708
Year: 2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

76 STATION #2705741 (Continued)

S113109708

GEPAID: CAL000216986
Contact: STERLING HUNDLEY
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Transfer Station
Tons: 0.08
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

**B7
NNW
< 1/8
0.047 mi.
247 ft.**

**CONOCOPHILLIPS COMPANY
600 N ROSE DR
PLACENTIA, CA 92870
Site 5 of 8 in cluster B**

**EDR Hist Auto 1022171056
N/A**

**Relative:
Higher**

EDR Hist Auto

**Actual:
299 ft.**

Year:	Name:	Type:
1997	UNOCAL 76	Gasoline Service Stations
1998	TASCO MARKETING COMPANY	Gasoline Service Stations
1999	TASCO MARKETING COMPANY INC	Gasoline Service Stations
2000	TOSCO MARKETING COMPANY	Gasoline Service Stations
2001	TOSCO MARKETING COMPANY	Gasoline Service Stations
2002	TOSCO MARKETING COMPANY	Gasoline Service Stations
2003	TOSCO MARKETING COMPANY	Gasoline Service Stations
2004	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2005	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2006	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2007	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2008	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2009	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2010	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2011	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2011	UNOCAL 76	Gasoline Service Stations
2012	UNOCAL 76	Gasoline Service Stations
2012	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2013	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2013	UNOCAL 76	Gasoline Service Stations
2014	CONOCOPHILLIPS COMPANY	Gasoline Service Stations, NEC
2014	UNOCAL 76	Gasoline Service Stations

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B8
NNW
< 1/8
0.056 mi.
294 ft.

ALTA VISTA COUNTRY CLUB/OIL FIELD SUMPS
ROSE AND ALTA VISTA STREETS
PLACENTIA, CA 92670

ENVIROSTOR **1000143397**
N/A

Site 6 of 8 in cluster B

Relative:
Higher

ENVIROSTOR:

Actual:
298 ft.

Facility ID: 30790001
Status: No Further Action
Status Date: 02/05/1996
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Harlan Jeché
Division Branch: Cleanup Cypress
Assembly: 55
Senate: 29
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.87611
Longitude: -117.8433
APN: NONE SPECIFIED
Past Use: OIL FIELD
Potential COC: Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Polynuclear aromatic hydrocarbons (PAHs Copper and compounds Nickel
Confirmed COC: 30019-NO 30156-NO 30407-NO 30001-NO 30005-NO 30013-NO
Potential Description: SOIL, SV, IA
Alias Name: RICHFIELD OIL FIELD
Alias Type: Alternate Name
Alias Name: RICHFIELD OIL FIELD - OPER BY UNION OIL
Alias Type: Alternate Name
Alias Name: CAD980888945
Alias Type: EPA Identification Number
Alias Name: 30790001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Database Validation Program confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 12/09/1992
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALTA VISTA COUNTRY CLUB/OIL FIELD SUMPS (Continued)

1000143397

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**B9
NNW
< 1/8
0.063 mi.
332 ft.**

**HIGH END AUTO DETAIL
650 N ROSE DR
PLACENTIA, CA 92870**

**EDR Hist Auto 1020221859
N/A**

Site 7 of 8 in cluster B

**Relative:
Higher**

EDR Hist Auto

**Actual:
301 ft.**

Year:	Name:	Type:
2011	HIGH END AUTO DETAIL	General Automotive Repair Shops
2012	HIGH END AUTO DETAIL	General Automotive Repair Shops
2013	HIGH END AUTO DETAIL	General Automotive Repair Shops

**C10
NNW
< 1/8
0.066 mi.
347 ft.**

**NORTON COMPANY
642 N ROSE DR
PLACENTIA, CA 92870**

**EDR Hist Cleaner 1020051247
N/A**

Site 1 of 2 in cluster C

**Relative:
Higher**

EDR Hist Cleaner

**Actual:
301 ft.**

Year:	Name:	Type:
1998	NORTON COMPANY	Drycleaning Plants, Except Rugs, NEC
1999	NORTON COMPANY	Drycleaning Plants, Except Rugs, NEC
2000	NORTON COMPANY	Drycleaning Plants, Except Rugs, NEC

**B11
NW
< 1/8
0.073 mi.
387 ft.**

**BRIDGEMARK RICHFIELD FIELD
ALTA VISTA AT ROSE DRIVE
PLACENTIA, CA 92870**

**RCRA-SQG 1001111702
CAR000012401**

Site 8 of 8 in cluster B

**Relative:
Higher**

RCRA-SQG:

Date form received by agency: 07/09/1996
Facility name: BRIDGEMARK RICHFIELD FIELD
Facility address: ALTA VISTA AT ROSE DRIVE
PLACENTIA, CA 92870
EPA ID: CAR000012401
Contact: MICHAEL BRIDGES
Contact address: 17671 IRVINE BLVD STE 103
TUSTIN, CA 96280
Contact country: US
Contact telephone: (714) 731-6068
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRIDGEMARK RICHFIELD FIELD (Continued)

1001111702

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: BRIDGEMARK CORP
Owner/operator address: 17671 IRVINE BLVD
TUSTIN, CA 96280
Owner/operator country: Not reported
Owner/operator telephone: (714) 731-6068
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

C12
NNW
< 1/8
0.077 mi.
409 ft.

MULBERRY CHILDCARE CENTER
612 NORTH ROSE DRIVE
PLACENTIA, CA 92870

ENVIROSTOR S106797639
N/A

Site 2 of 2 in cluster C

Relative:
Higher

ENVIROSTOR:
Facility ID: 30830003
Status: Refer: 1248 Local Agency
Status Date: 08/03/2001
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 55
Senate: 29
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

Actual:
302 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MULBERRY CHILDCARE CENTER (Continued)

S106797639

Funding: Not Applicable
Latitude: 33.87675
Longitude: -117.8421
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30830003
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

13
North
1/8-1/4
0.132 mi.
695 ft.

REPLANET LLC
710 N ROSE DR
PLACENTIA, CA 92870

SWRCY S107138161
N/A

Relative:
Higher

SWRCY:

Reg Id: 155834
Cert Id: RC155834.001
Mailing Address: 800 N Haven Ave Suite 120
Mailing City: Ontario
Mailing State: CA
Mailing Zip Code: 91764
Website: <http://www.replanet.com>
Email: Not reported
Phone Number: (951) 520-1700
Grand Father: N
Rural: N
Operation Begin Date: 05/01/2012
Aluminium: Y
Glass: Y
Plastic: Y
Bimetal: Y
Agency: N/A
Monday Hours Of Operation: CLOSED
Tuesday Hours Of Operation: 10:00 am - 4:30 pm; Closed 1:00 pm to 1:30 pm
Wednesday Hours Of Operation: 10:00 am - 4:30 pm; Closed 1:00 pm to 1:30 pm
Thursday Hours Of Operation: 10:00 am - 4:30 pm; Closed 1:00 pm to 1:30 pm
Friday Hours Of Operation: 10:00 am - 4:30 pm; Closed 1:00 pm to 1:30 pm
Saturday Hours Of Operation: 10:00 am - 4:30 pm; Closed 1:00 pm to 1:30 pm

Actual:
308 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REPLANET LLC (Continued)

S107138161

Sunday Hours Of Operation: CLOSED
Organization ID: 151891
Organization Name: rePlanet LLC

14
SE
1/4-1/2
0.285 mi.
1506 ft.

PLACENTIA-YORBA LINDA USD
1301 ORANGETHORPE
PLACENTIA, CA 92861

LUST U003148155
N/A

Relative:
Higher

LUST:

Actual:
283 ft.

Region: STATE
Global Id: T0605901832
Latitude: 33.870407
Longitude: -117.837969
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/10/2006
Lead Agency: ORANGE COUNTY LOP
Case Worker: TE
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083002635T
LOC Case Number: 94UT067
File Location: Local Agency Warehouse
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605901832
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605901832
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

Status History:

Global Id: T0605901832
Status: Completed - Case Closed
Status Date: 05/10/2006

Global Id: T0605901832
Status: Open - Case Begin Date
Status Date: 12/19/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLACENTIA-YORBA LINDA USD (Continued)

U003148155

Global Id: T0605901832
Status: Open - Site Assessment
Status Date: 12/19/1994

Global Id: T0605901832
Status: Open - Site Assessment
Status Date: 01/15/2004

Global Id: T0605901832
Status: Open - Site Assessment
Status Date: 09/14/2005

Regulatory Activities:

Global Id: T0605901832
Action Type: RESPONSE
Date: 06/11/2004
Action: Preliminary Site Assessment Report

Global Id: T0605901832
Action Type: RESPONSE
Date: 04/26/2004
Action: Other Workplan

Global Id: T0605901832
Action Type: RESPONSE
Date: 02/11/2005
Action: Other Workplan

Global Id: T0605901832
Action Type: RESPONSE
Date: 08/19/2005
Action: Soil and Water Investigation Report

Global Id: T0605901832
Action Type: RESPONSE
Date: 12/16/2005
Action: Preliminary Site Assessment Report

Global Id: T0605901832
Action Type: RESPONSE
Date: 10/25/2004
Action: Soil and Water Investigation Report

Global Id: T0605901832
Action Type: RESPONSE
Date: 04/29/2005
Action: Other Workplan

Global Id: T0605901832
Action Type: ENFORCEMENT
Date: 03/23/2004
Action: Staff Letter

Global Id: T0605901832
Action Type: Other
Date: 12/19/1994
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLACENTIA-YORBA LINDA USD (Continued)

U003148155

Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	03/03/2006
Action:	Staff Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	05/10/2006
Action:	Closure/No Further Action Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	04/29/2004
Action:	Staff Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	09/30/2005
Action:	Staff Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	09/14/2005
Action:	Staff Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	01/06/2005
Action:	Staff Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	01/09/2006
Action:	Staff Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	10/25/2005
Action:	Staff Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	07/11/2005
Action:	Staff Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	03/25/2005
Action:	Warning Letter
Global Id:	T0605901832
Action Type:	ENFORCEMENT
Date:	09/24/2004
Action:	Warning Letter
Global Id:	T0605901832
Action Type:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLACENTIA-YORBA LINDA USD (Continued)

U003148155

Date: 12/19/1994
Action: Leak Reported

Global Id: T0605901832
Action Type: REMEDIATION
Date: 06/03/1998
Action: Excavation

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 94UT067
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 05/10/2006
Record ID: RO0002619

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment workplan submitted
Case Number: 083002635T
Local Case Num: 94UT067
Case Type: Soil only
Substance: Diesel
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: WAR
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605901832
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: 12/19/1994
Date Preliminary Assessment Began: Not reported
Discover Date: 12/19/1994
Enforcement Date: Not reported
Close Date: Not reported
Date Prelim Assessment Workplan Submitted: 1/15/2004
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.8683081
Longitude: -117.8398138

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PLACENTIA-YORBA LINDA USD (Continued)

U003148155

MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	SK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	GWR
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

15
NNW
1/4-1/2
0.316 mi.
1668 ft.

NORTH OLD HERNANDEZ ROAD
EAST OF SAN BENITO
, CA

WMUDS/SWAT **S103441208**
N/A

Relative:
Higher

WMUDS/SWAT:

Actual:
298 ft.

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	Not reported
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported
Agency Contact:	Not reported
Agency Telephone:	Not reported
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	CA
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	3
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	Not reported
Secondary SIC:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH OLD HERNANDEZ ROAD (Continued)

S103441208

Comments: Not reported
Last Facility Editors: Not reported
Waste Discharge System: False
Solid Waste Assessment Test Program: True
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: False
Department of Defence: False
Solid Waste Assessment Test Program: Not reported
Threat to Water Quality: Not reported
Sub Chapter 15: False
Regional Board Project Officer: HH
Number of WMUDS at Facility: 1
Section Range: Not reported
RCRA Facility: Not reported
Waste Discharge Requirements: Not reported
Self-Monitoring Rept. Frequency: Not reported
Waste Discharge System ID: 3 350010NUR
Solid Waste Information ID: Not reported

D16
SE
1/4-1/2
0.324 mi.
1713 ft.

RICHFIELD FIELD
6071 JEFFERSON STREET
PLACENTIA, CA 90302

Notify 65 **S100179275**
N/A

Site 1 of 2 in cluster D

Relative:
Lower

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

Actual:
263 ft.

D17
SE
1/4-1/2
0.324 mi.
1713 ft.

UNOCAL
6071 JEFFERSON
PLACENTIA, CA 92670

LUST **S104660400**
HIST UST **N/A**
Orange Co. Industrial Site
EMI
HIST CORTESE

Site 2 of 2 in cluster D

Relative:
Lower

LUST:

Region: STATE
Global Id: T0605901016
Latitude: 33.8700336
Longitude: -117.8370416
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/03/1993
Lead Agency: ORANGE COUNTY LOP
Case Worker: TE
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083001327T
LOC Case Number: 89UT200
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline

Actual:
263 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S104660400

Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605901016
Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: nolson-martin@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0605901016
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

Status History:

Global Id: T0605901016
Status: Completed - Case Closed
Status Date: 11/03/1993

Global Id: T0605901016
Status: Open - Case Begin Date
Status Date: 11/07/1989

Regulatory Activities:

Global Id: T0605901016
Action Type: Other
Date: 11/07/1989
Action: Leak Discovery

Global Id: T0605901016
Action Type: Other
Date: 11/07/1989
Action: Leak Reported

Global Id: T0605901016
Action Type: REMEDIATION
Date: 08/03/1992
Action: Excavation

Global Id: T0605901016
Action Type: REMEDIATION
Date: 08/03/1992
Action: Other (Use Description Field)

ORANGE CO. LUST:

Region: ORANGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S104660400

Facility Id: 89UT200
Released Substance: Unleaded gasoline
Date Closed: 11/03/1993
Record ID: RO0001434

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001327T
Local Case Num: 89UT200
Case Type: Soil only
Substance: Unleaded Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605901016
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 11/7/1989
Enforcement Date: Not reported
Close Date: 11/3/1993
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.873398
Longitude: -117.8373208
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
MTBE Class: *
Staff: NOM
Staff Initials: SK
Lead Agency: Local Agency
Local Agency: 30000L
Hydr Basin #: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S104660400

Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

HIST UST:

File Number: 0002EF98
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EF98.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

Orange Co. Industrial Site:

Case ID: 91IC006
Record ID: RO0000348
Current Status: CLOSED 12/13/1993
Closure Type: Closure certification issued
Released Chemical: DIOXIN / PCBs

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 3850
Air District Name: SC
SIC Code: 1311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S104660400

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 79
Reactive Organic Gases Tons/Yr: 55
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 3850
Air District Name: SC
SIC Code: 1311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 46
Reactive Organic Gases Tons/Yr: 33
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 3850
Air District Name: SC
SIC Code: 1311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 19
Reactive Organic Gases Tons/Yr: 13
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 3850
Air District Name: SC
SIC Code: 1311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 23
Reactive Organic Gases Tons/Yr: 15
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S104660400

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 3850
Air District Name: SC
SIC Code: 1311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 23
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 3850
Air District Name: SC
SIC Code: 1311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 17
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 3850
Air District Name: SC
SIC Code: 1311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 23
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL (Continued)

S104660400

Facility ID: 3850
Air District Name: SC
SIC Code: 1311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 23
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 3850
Air District Name: SC
SIC Code: 1311
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 23
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001327T

E18
SSE
1/4-1/2
0.477 mi.
2520 ft.
MOBIL CORP
1477 JEFFERSON ST
ANAHEIM, CA 92807
Site 1 of 5 in cluster E

SLIC
S105256946
SWEEPS UST
N/A
CHMIRS
EMI

Relative:
Lower

SLIC:

Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 03/27/2009
Global Id: T0605934334
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.866457
Longitude: -117.837541
Case Type: Cleanup Program Site
Case Worker: RS
Local Agency: ANAHEIM CITY
RB Case Number: 083004022T
File Location: All Files are on GeoTracker or in the Local Agency Database

Actual:
242 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL CORP (Continued)

S105256946

Potential Media Affected: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Gasoline, Diesel
Site History: In April 2005, petroleum hydrocarbons (up to 390 mg/kg of TPH) were discovered around underground piping during a fire seal investigation. Some contaminated soil was excavated from around one of the fire seals and the City of Anaheim Fire Department requested a soil and groundwater assessment. In August 2005, two borings were drilled near the northern fire seal. Maximum concentrations of petroleum hydrocarbons in soil samples collected were: 49,000 ug/kg of TBA, 2,200 ug/kg of MtBE, 8.4 ug/kg of ethylbenzene, 88 ug/kg of xylenes, and 3.6 mg/kg of TPH as gasoline at 20 feet in B1, and 27 mg/kg of TPH as diesel fuel at 60 feet in B2. In March 2006, during the installation of two wells (MW1 and MW2) MtBE was detected in soil at a depth of 70 feet at a concentration of 620 ug/kg and TBA was detected in a soil sample collected at a depth of 65 feet at a concentration of 330 ug/kg in MW1 and TPH, ethylbenzene, toluene and xylenes was detected at a maximum concentration of 880 mg/kg in a soil collected at 35 feet from MW2 at 880 mg/kg, 1,400 ug/kg, 220 ug/kg, 22,200 ug/kg, respectively. Groundwater monitoring is ongoing.

[Click here to access the California GeoTracker records for this facility:](#)

SWEEPS UST:

Status: Active
Comp Number: 60
Number: 1
Board Of Equalization: 44-000400
Referral Date: 10-20-92
Action Date: 05-24-94
Created Date: 05-24-94
Owner Tank Id: RACK-SPILL
SWRCB Tank Id: 30-011-000060-000001
Tank Status: A
Capacity: 12000
Active Date: 10-20-92
Tank Use: CHEMICAL
STG: P
Content: REGULAR UNLE
Number Of Tanks: 3

Status: Active
Comp Number: 60
Number: 1
Board Of Equalization: 44-000400
Referral Date: 10-20-92
Action Date: 05-24-94
Created Date: 05-24-94
Owner Tank Id: DIESEL-FUEL
SWRCB Tank Id: 30-011-000060-000002
Tank Status: A
Capacity: 12000
Active Date: 10-20-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL CORP (Continued)

S105256946

Status: Active
Comp Number: 60
Number: 1
Board Of Equalization: 44-000400
Referral Date: 10-20-92
Action Date: 05-24-94
Created Date: 05-24-94
Owner Tank Id: KNOCK-OUT-TANK
SWRCB Tank Id: 30-011-000060-000003
Tank Status: A
Capacity: 2000
Active Date: 10-20-92
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

CHMIRS:

OES Incident Number: 10930
OES notification: Not reported
OES Date: 11/16/1995
OES Time: 11:05:53 AM
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: YES
Waterway: Not reported
Spill Site: Not reported
Cleanup By: saba
Containment: Not reported
What Happened: Not reported
Type: OTHER
Measure: Not reported
Other: Not reported
Date/Time: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL CORP (Continued)

S105256946

Year: 1995
Agency: mobil oil
Incident Date: 0930/16nov95
Admin Agency: Not reported
Amount: unknown-small amt
Contained: NO
Site Type: Not reported
E Date: Not reported
Substance: injection water
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: NO
Number of Injuries: NO
Number of Fatalities: NO
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatals: Not reported
Comments: Not reported
Description: mobil oil personnel discovered ruptured injection
line belonging to saba co , mobil oil personnel
reported leak to saba co - mr east of saba oil
called to report spill at 1310

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 46768
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 46768
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL CORP (Continued)

S105256946

Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

E19
SSE
1/4-1/2
0.477 mi.
2520 ft.
MOBIL ATWOOD TERMINAL TANK FARM
1477 N JEFFERSON STREET
ANAHEIM, CA
Site 2 of 5 in cluster E

SLIC **S108985876**
N/A

Relative: SLIC REG 8:
Lower Type: Groundwater
Facility Status: Post-Investigation/Remediation Monitoring
Actual: Staff: RTS
242 ft. Substance: GASOLINE
Lead Agency: Regional Board
Location Code: A-15
Thomas Bros Code: 769-J1

E20
SSE
1/4-1/2
0.477 mi.
2520 ft.
MOBIL ATWOOD TERM MKTG OPER DIV
6507 JEFFERSON
ANAHEIM, CA 92806
Site 3 of 5 in cluster E

SEMS-ARCHIVE **1015732934**
RCRA-LQG **CAT000624932**

Relative: SEMS-ARCHIVE:
Lower Site ID: 902658
EPA ID: CAT000624932
Actual: Federal Facility: N
242 ft. NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0902658
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13289924.00000
Person ID: 13003854.00000

Contact Sequence ID: 13295519.00000
Person ID: 13003858.00000

Contact Sequence ID: 13301377.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL ATWOOD TERM MKTG OPER DIV (Continued)

1015732934

Date Completed: 01/01/85
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 03/01/87
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 03/01/87
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA-LQG:

Date form received by agency: 08/11/2016
Facility name: ATWOOD TERMINAL
Facility address: 1477 NORTH JEFFERSON STREET
ANAHEIM, CA 92807
EPA ID: CAT000624932
Mailing address: 166TH STREET
CERRITOS, CA 90703
Contact: RENEE K NYGAARD
Contact address: 166TH STREET
CERRITOS, CA 90703
Contact country: US
Contact telephone: (310) 212-4190
Contact email: RENEE.NYGAARD@PBFENERGY.COM
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: EXXONMOBIL OIL CORPORATION
Owner/operator address: BELL STREET PL-EMB-623K
HOUSTON, TX 77002
Owner/operator country: US
Owner/operator telephone: (713) 656-2197
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1963
Owner/Op end date: Not reported

Owner/operator name: TORRANCE LOGISTICS COMPANY LLC
Owner/operator address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL ATWOOD TERM MKTG OPER DIV (Continued)

1015732934

Owner/operator country: Not reported
US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/01/2016
Owner/Op end date: Not reported

Owner/operator name: TORRANCE LOGISTICS COMPANY LLC
Owner/operator address: WEST OCEAN BLVD., STE 1500
LONG BEACH, CA 90802

Owner/operator country: US
Owner/operator telephone: (562) 349-1640
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/01/2016
Owner/Op end date: Not reported

Owner/operator name: EXXONMOBIL OIL CORPORATION
Owner/operator address: 800 BELL STREET
HOUSTON, TX 77002

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1963
Owner/Op end date: Not reported

Owner/operator name: EXXONMOBIL OIL CORPORATION
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1963
Owner/Op end date: Not reported

Owner/operator name: EXXONMOBIL OIL CORPORATION
Owner/operator address: BELL STREET PL-EMB-623K
HOUSTON, TX 77002

Owner/operator country: US
Owner/operator telephone: (713) 656-2197
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1963
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL ATWOOD TERM MKTG OPER DIV (Continued)

1015732934

Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 122
. Waste name: 122

. Waste code: 133
. Waste name: 133

. Waste code: 134
. Waste name: 134

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 181
. Waste name: 181

. Waste code: 213
. Waste name: 213

. Waste code: 214
. Waste name: 214

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 241
. Waste name: 241

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 461
. Waste name: 461

. Waste code: 512
. Waste name: 512

. Waste code: 513

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL ATWOOD TERM MKTG OPER DIV (Continued)

1015732934

. Waste name: 513

. Waste code: 551
. Waste name: 551

. Waste code: 611
. Waste name: 611

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

Historical Generators:

Date form received by agency: 02/24/2016
Site name: EXXONMOBIL OIL CORPORATION - ATWOOD TERMINAL
Classification: Large Quantity Generator

. Waste code: 133
. Waste name: 133

. Waste code: 181
. Waste name: 181

. Waste code: 352
. Waste name: 352

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 03/01/2014
Site name: EXXONMOBIL OIL CORPORATION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 02/27/2012
Site name: EXXONMOBIL OIL CORPORATION
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL ATWOOD TERM MKTG OPER DIV (Continued)

1015732934

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D018
- . Waste name: BENZENE

Date form received by agency: 02/18/2010

Site name: EXXONMOBIL ATWOOD TERMINAL
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D018
- . Waste name: BENZENE

Date form received by agency: 03/03/2008

Site name: EXXONMOBIL ATWOOD TERMINAL
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

Date form received by agency: 02/21/2006

Site name: EXXONMOBIL ATWOOD TERMINAL
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D018
- . Waste name: BENZENE

Date form received by agency: 02/06/2004

Site name: EXXONMOBIL OIL CORP, ATWOOD TERMINAL
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D018
- . Waste name: BENZENE

Date form received by agency: 09/01/1996

Site name: MOBIL OIL CORP ATWOOD TERMINAL
Classification: Small Quantity Generator

Date form received by agency: 05/23/1996

Site name: MOBIL OIL CORP ATWOOD TERMINAL
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL ATWOOD TERM MKTG OPER DIV (Continued)

1015732934

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 461827

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 918

Waste code: D009

Waste name: MERCURY

Amount (Lbs): 1

Waste code: D018

Waste name: BENZENE

Amount (Lbs): 153761

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/08/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/27/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/23/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E21
SSE
1/4-1/2
0.477 mi.
2520 ft.
ATTWOOD TERMINAL
1477 JEFFERSON
ANAHEIM, CA 92807
Site 4 of 5 in cluster E

ENF
HIST CORTESE
S105022502
N/A

Relative:
Lower

ENF:

Actual:
242 ft.

Region: 8
Facility Id: 228170
Agency Name: Not reported
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 33.864516
Place Longitude: -117.837073
SIC Code 1: 4959
SIC Desc 1: Sanitary Services, NEC
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: NPDESWW
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATTWOOD TERMINAL (Continued)

S105022502

Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 225153
Region: 8
Order / Resolution Number: 86-078
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 04/11/1986
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 07/19/2013
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: CAO 86-078 for ExxonMobil, Attwood Terminal
Description: INITIATE GROUNDWATER CLEANUP.
Program: NPDNONMUNIPRCS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: WBC&D
Reg Id: 8 302486001

E22 TORRANCE LOGISTICS COMPANY LLC
SSE 1477 N JEFFERSON ST
1/4-1/2 ANAHEIM, CA 92807
0.477 mi.
2520 ft. Site 5 of 5 in cluster E

SLIC 1006249209
AST N/A
ICIS
US AIRS
Cortese
EMI

Relative:
Lower

SLIC:

Actual:
242 ft.

Region: STATE
Facility Status: **Open - Verification Monitoring**
Status Date: 02/01/2016
Global Id: SLT8R1594080
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.8664602387833
Longitude: -117.838475704193

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Case Type: Cleanup Program Site
Case Worker: RS
Local Agency: Not reported
RB Case Number: SLT8R159
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Benzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History: The original release site was ready for closure when a second release occurred at one of the aboveground tanks. Initial excavation and vapor extraction was conducted near the tanks. Existing groundwater monitoring wells are being monitored.

[Click here to access the California GeoTracker records for this facility:](#)

AST:

Certified Unified Program Agencies: Not reported
Owner: EXXONMOBIL OIL CORPORATION
Total Gallons: Not reported
CERSID: 10152925
Facility ID: 30-011-000430
Business Name: ExxonMobil Oil Corporation
Phone: 323-586-5375
Fax: Not reported
Mailing Address: 12851 E. 166th St.
Mailing Address City: Cerritos
Mailing Address State: CA
Mailing Address Zip Code: 90703
Operator Name: ExxonMobile Pipeline Company
Operator Phone: 323-586-5375
Owner Phone: 713-656-2197
Owner Mail Address: 800 Bell Street, PL-EMB-623K
Owner State: TX
Owner Zip Code: 77002
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: CAT000624932

ICIS:

Enforcement Action ID: CASCAA200129833
FRS ID: 110010473433
Action Name: NOV P59384 RULE 462(d)(1)(B); (b); (c)(1)
Facility Name: TORRANCE LOGISTICS COMPANY LLC
Facility Address: 1477 N JEFFERSON ST
ANAHEIM, CA 92807
Enforcement Action Type: Notice of Violation
Facility County: ORANGE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 5171

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.860778
Longitude in Decimal Degrees: -117.836889
Permit Type Desc: Not reported
Program System Acronym: CASCA00006059CB357
Facility NAICS Code: 424710
Tribal Land Code: Not reported

US AIRS (AFS):

Envid: 1006249209
Region Code: 09
County Code: CA059
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
D and B Number: Not reported
Facility Site Name: TORRANCE LOGISTICS COMPANY LLC
Primary SIC Code: 5171
NAICS Code: 424710
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported

US AIRS (AFS):

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-08-20 00:00:00
Activity Status Date: 2015-10-13 15:13:52
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-16 00:00:00
Activity Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-08-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-08-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-09-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-09-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-10-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-10-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2015-08-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	Not reported
Activity Status Date:	2015-10-13 14:31:45
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Notified
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2015-02-27 00:00:00
Activity Status Date:	2015-10-13 15:12:03
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Activity Date: 2015-08-20 00:00:00
Activity Status Date: 2015-10-13 15:13:52
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-02-25 00:00:00
Activity Status Date: 2016-05-12 13:04:37
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433

Map ID
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Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-08-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-09-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-05-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-08-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-09-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-02-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-03-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-04-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits
Activity Date:	2013-04-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASCA00006059CB357
Facility Registry ID:	110010473433
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Title V Permits

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Activity Date: 2014-02-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-09-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-10-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-10-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006059CB357
Facility Registry ID: 110010473433
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2015-09-29 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

CORTESE:

Region: CORTESE
Envirostor Id: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: 09/14/1984
Region 2: 8
WID Id: 8 302486001
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 45
Reactive Organic Gases Tons/Yr: 45
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 8
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13
Reactive Organic Gases Tons/Yr: 11
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1997

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Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2002
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12
Reactive Organic Gases Tons/Yr: 11
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12
Reactive Organic Gases Tons/Yr: 11
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

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EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2004
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12.07602
Reactive Organic Gases Tons/Yr: 11.13
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2005
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10.09984
Reactive Organic Gases Tons/Yr: 8.81823464
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2006
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 19.65410682462583925
Reactive Organic Gases Tons/Yr: 14.468
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2007
County Code: 30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15.94363099850951806
Reactive Organic Gases Tons/Yr: 14.468
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2008
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5541
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13.45979289437196977
Reactive Organic Gases Tons/Yr: 13.3917478159802845
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2009
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5541
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 11.0576503390173
Reactive Organic Gases Tons/Yr: 11.019437
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2010
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5541
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7.3378782800328697
Reactive Organic Gases Tons/Yr: 6.2496600000000004
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2011
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5541
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8.2284105087
Reactive Organic Gases Tons/Yr: 8.18185
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2012
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5541
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8.2610570429
Reactive Organic Gases Tons/Yr: 6.80642
Carbon Monoxide Emissions Tons/Yr: 0.00619
NOX - Oxides of Nitrogen Tons/Yr: 0.00667
SOX - Oxides of Sulphur Tons/Yr: 1e-005
Particulate Matter Tons/Yr: 0.00024
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.00023856

Year: 2013
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7.2977461209
Reactive Organic Gases Tons/Yr: 6.15385
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TORRANCE LOGISTICS COMPANY LLC (Continued)

1006249209

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2014
County Code: 30
Air Basin: SC
Facility ID: 800091
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6.4651124182
Reactive Organic Gases Tons/Yr: 6.42198
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

F23
East
1/4-1/2
0.487 mi.
2573 ft.
CHEVRON/KRAEMER LEASE
842 ALTA VISTA
PLACENTIA, CA 92670
Site 1 of 2 in cluster F

LUST **S102427827**
HIST CORTESE **N/A**

Relative: LUST:
Higher Region: STATE
Global Id: T0605901208
Actual: Latitude: 33.8800138
283 ft. Longitude: -117.8574846
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/26/1990
Lead Agency: ORANGE COUNTY LOP
Case Worker: TE
Local Agency: ORANGE COUNTY LOP
RB Case Number: 083001589T
LOC Case Number: 89UT116
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:
Global Id: T0605901208
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rscott@waterboards.ca.gov
Phone Number: 9513206375

Global Id: T0605901208
Contact Type: Local Agency Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON/KRAEMER LEASE (Continued)

S102427827

Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

Status History:

Global Id: T0605901208
Status: Completed - Case Closed
Status Date: 09/26/1990

Global Id: T0605901208
Status: Open - Case Begin Date
Status Date: 05/23/1989

Regulatory Activities:

Global Id: T0605901208
Action Type: Other
Date: 05/23/1989
Action: Leak Discovery

Global Id: T0605901208
Action Type: ENFORCEMENT
Date: 09/26/1991
Action: Closure/No Further Action Letter

Global Id: T0605901208
Action Type: Other
Date: 05/23/1989
Action: Leak Reported

Global Id: T0605901208
Action Type: REMEDIATION
Date: 05/23/1989
Action: Excavation

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 89UT116
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 09/26/1990
Record ID: RO0001880

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001589T
Local Case Num: 89UT116
Case Type: Soil only
Substance: Gasoline
Qty Leaked: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON/KRAEMER LEASE (Continued)

S102427827

Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901208
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/23/1989
Enforcement Date:	Not reported
Close Date:	9/26/1990
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8800138
Longitude:	-117.8574846
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	RS
Staff Initials:	SK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001589T

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F24
East
1/2-1
0.510 mi.
2693 ft.

BRIDGEMARK TRACTS 15699 & 15700
1210 ALTA VISTA ST.
PLACENTIA, CA 92870
Site 2 of 2 in cluster F

ENVIROSTOR **S106893788**
N/A

Relative:
Lower

ENVIROSTOR:
Facility ID: 30000014
Status: Refer: 1248 Local Agency
Status Date: 04/21/2000
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: ORANGE COUNTY
Lead Agency: ORANGE COUNTY
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 55
Senate: 29
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.87576
Longitude: -117.8431
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30000014
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 04/17/2000
Comments: DTSC is not involved with this project.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

25
ESE
1/2-1
0.564 mi.
2980 ft.

**RICHFIELD OILFIELD
WILLOW & VAN BUREN
PLACENTIA, CA 92670**

**ENVIROSTOR 1000997791
N/A**

**Relative:
Lower**

ENVIROSTOR:

**Actual:
270 ft.**

Facility ID: 30130177
Status: Inactive - Needs Evaluation
Status Date: 04/23/1996
Site Code: 400561
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: * Harlan Jeché
Division Branch: Cleanup Chatsworth
Assembly: 55
Senate: 29
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.8725
Longitude: -117.8308
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * ORGANIC LIQUIDS WITH METALS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: RICHFIELD OILFIELD
Alias Type: Alternate Name
Alias Name: CAO001159003
Alias Type: EPA Identification Number
Alias Name: 400561
Alias Type: Project Code (Site Code)
Alias Name: 30130177
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 02/05/1996
Comments: US EPA approves PA done by DTSC, site does not score over 28.5 therefore, no further action for US EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/15/1995
Comments: Site was discovered by a nonemergency release report dated 01-18-95. Site is contaminated with a small amount of petroleum hydrocarbons, including elevated conc. of Zn, Benzene, and other volatile and semivolatile contaminants. Due to evidence of contamination, the Department recommended a PEA, and on 2-15-95 notified the RP thereof.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHFIELD OILFIELD (Continued)

1000997791

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

G26
SW
1/2-1
0.696 mi.
3675 ft.

CAR CANYON FIELD CONT BA
PLACENTIA, CA
Site 1 of 3 in cluster G

ENVIROSTOR **S107736078**
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
233 ft.

Facility ID: 80000223
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.86666
Longitude: -117.8519
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F541200
Alias Type: Federal Facility ID
Alias Name: J09CA0297
Alias Type: INPR
Alias Name: 80000223
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAR CANYON FIELD CONT BA (Continued)

S107736078

Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**G27
SW
1/2-1
0.699 mi.
3692 ft.**

**PRECISION ANODIZING & PLATING, INC.
1601 N. MILLER STREET
ANAHEIM, CA 92806
Site 2 of 3 in cluster G**

**ENVIROSTOR
Orange Co. Industrial Site
NPDES
WDS**

**S103619040
N/A**

**Relative:
Lower**

ENVIROSTOR:

**Actual:
234 ft.**

Facility ID: 71002536
Status: Active
Status Date: 12/13/2016
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.86625
Longitude: -117.8522
APN: NONE SPECIFIED
Past Use: METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, UNKNOWN
Potential COC: Chromium VI Zinc
Confirmed COC: Chromium VI 30594-NO
Potential Description: UE
Alias Name: CAD067629873
Alias Type: EPA Identification Number
Alias Name: 110000481014
Alias Type: EPA (FRS #)
Alias Name: 30280124
Alias Type: Envirostor ID Number
Alias Name: 71002536
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 07/14/1997
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING, INC. (Continued)

S103619040

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Orange Co. Industrial Site:

Case ID: 95IC010
Record ID: RO0000488
Current Status: CLOSED 1/18/1996
Closure Type: Closure certification issued
Released Chemical: CADMIUM COMPOUNDS

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 8
Regulatory Measure Id: 208461
Order No: Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 8 30I004233
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 5/9/2008
PROCESSED DATE: 4/6/1992
STATUS CODE NAME: Active
STATUS DATE: 4/6/1992
PLACE SIZE: 43100
PLACE SIZE UNIT: SqFt
FACILITY CONTACT NAME: Jose Salazar
FACILITY CONTACT TITLE: President
FACILITY CONTACT PHONE: 714-996-1601
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: jose@anodizing-plating.com
OPERATOR NAME: Precision Anodizing Inc
OPERATOR ADDRESS: 1601 N Miller St
OPERATOR CITY: Anaheim
OPERATOR STATE: California
OPERATOR ZIP: 92806
OPERATOR CONTACT NAME: Imelda Isidoro
OPERATOR CONTACT TITLE: Executive Secretary
OPERATOR CONTACT PHONE: 714-996-1601

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING, INC. (Continued)

S103619040

OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	imelda@anodizing-plating.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	714-996-1601
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Santa Ana River
CERTIFIER NAME:	Jose Salazar
CERTIFIER TITLE:	President
CERTIFICATION DATE:	10-MAR-15
PRIMARY SIC:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	208461
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I004233
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Precision Anodizing Inc
Discharge Address:	1601 N Miller St
Discharge City:	Anaheim
Discharge State:	California
Discharge Zip:	92806

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING, INC. (Continued)

S103619040

RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING, INC. (Continued)

S103619040

WDS:

Facility ID: Santa Ana River 30I004233
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: ROSSER JOHN
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**G28
SW
1/2-1
0.699 mi.
3692 ft.**

**PRECISION ANODIZING & PLATING
1601 MILLER ST
ANAHEIM, CA 92806
Site 3 of 3 in cluster G**

**ENVIROSTOR 1000143496
EMI N/A**

**Relative:
Lower**

ENVIROSTOR:
Facility ID: 30280124
Status: Active
Status Date: 12/01/2016

**Actual:
234 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING (Continued)

1000143496

Site Code: 401766
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.86624
Longitude: -117.8522
APN: NONE SPECIFIED
Past Use: ABOVE GROUND STORAGE TANKS, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MACHINE SHOP, MANUFACTURING - INDUSTRIAL MACHINERY, METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, METAL RECLAMATION, UNDERGROUND STORAGE TANKS, UNKNOWN

Potential COC: Under Investigation Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Chromium III Chromium VI
Confirmed COC: 30018-NO 30019-NO Chromium III Chromium VI Under Investigation
Potential Description: CSS, UE
Alias Name: Precision Anodizing and Plating
Alias Type: Alternate Name
Alias Name: 401766
Alias Type: Project Code (Site Code)
Alias Name: 30280124
Alias Type: Envirostor ID Number
Alias Name: 71002536
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/19/1995
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 01/08/1988
Comments: PRELIM ASSESS DONE ALL DURA-CHEM____ PRODUCTS MADE BY OTHER COMPANIES AT OTHER LOCATIONS,OFFICE ONLY ON SITE_NO FURTHER ACTION SEE PRECISION ANODISING AND PLATING FILE

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/08/1987
Comments: SITE SCREENING DONE CERCLA GRANT SITE

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING (Continued)

1000143496

Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 04/12/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

EMI:

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING (Continued)

1000143496

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING (Continued)

1000143496

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2002
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2003
County Code: 30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING (Continued)

1000143496

Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2004
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.1151
Reactive Organic Gases Tons/Yr: 0.04
Carbon Monoxide Emissions Tons/Yr: 0.7438
NOX - Oxides of Nitrogen Tons/Yr: 0.8855
SOX - Oxides of Sulphur Tons/Yr: 0.005313
Particulate Matter Tons/Yr: 0.83068
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.21

Year: 2005
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0557
Reactive Organic Gases Tons/Yr: .02351654
Carbon Monoxide Emissions Tons/Yr: .8498
NOX - Oxides of Nitrogen Tons/Yr: 1.0125
SOX - Oxides of Sulphur Tons/Yr: .00606
Particulate Matter Tons/Yr: .5636
Part. Matter 10 Micrometers and Smlr Tons/Yr: .1693649

Year: 2008
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ANODIZING & PLATING (Continued)

1000143496

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0473709142586451918
Reactive Organic Gases Tons/Yr: .02
Carbon Monoxide Emissions Tons/Yr: .42
NOX - Oxides of Nitrogen Tons/Yr: .49
SOX - Oxides of Sulphur Tons/Yr: .003051
Particulate Matter Tons/Yr: .2
Part. Matter 10 Micrometers and Smlr Tons/Yr: .0623

Year: 2010
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.0612032212221695
Reactive Organic Gases Tons/Yr: 2.5839999999999998E-2
Carbon Monoxide Emissions Tons/Yr: 0.39479999999999998
NOX - Oxides of Nitrogen Tons/Yr: 0.46999999999999997
SOX - Oxides of Sulphur Tons/Yr: 0.00281
Particulate Matter Tons/Yr: 0.20730999999999999
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.068314

Year: 2011
County Code: 30
Air Basin: SC
Facility ID: 24570
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.059663666509
Reactive Organic Gases Tons/Yr: 0.02519
Carbon Monoxide Emissions Tons/Yr: 0.38472
NOX - Oxides of Nitrogen Tons/Yr: 0.458
SOX - Oxides of Sulphur Tons/Yr: 0.00274
Particulate Matter Tons/Yr: 0.2064
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.067404

29
SSE
1/2-1
0.709 mi.
3745 ft.

GRANT PISTON RING CO
1360 N JEFFERSON ST
ANAHEIM, CA 92807

RCRA-SQG 1000321686
ENVIROSTOR CAD981674906
FINDS
ECHO
NPDES
WDS

Relative:
Lower

RCRA-SQG:
Date form received by agency: 05/03/2006

Actual:
244 ft.

Facility name: GRANT PISTON RINGS
Facility address: 1360 N. JEFFERSON ST
ANAHEIM, CA 92807
EPA ID: CAD981674906
Contact: THOM NGUYEN
Contact address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT PISTON RING CO (Continued)

1000321686

Contact country: Not reported
Contact telephone: US
(714) 996-0050
Contact email: TNGUYEN@GRANTPISTONRINGS.COM
EPA Region: 09
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: BEDECON INVESTMENTS
Owner/operator address: 610 S. JEFFERSON, UNIT M
ANAHEIM, CA 92870
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1973
Owner/Op end date: Not reported

Owner/operator name: GRANT PISTON RINGS
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/2002
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. Importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: Yes
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 05/03/2006
Site name: GRANT PISTON RINGS
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT PISTON RING CO (Continued)

1000321686

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

Date form received by agency: 03/26/2002

Site name: GRANT PISTON RING CO

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 09/01/1996

Site name: GRANT PISTON RING CO

Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 05/12/2005
Date achieved compliance: 12/21/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/12/2005
Date achieved compliance: 07/01/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT PISTON RING CO (Continued)

1000321686

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/12/2005
Date achieved compliance: 12/21/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/12/2005
Date achieved compliance: 12/21/2005
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 07/05/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 40000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/12/2005
Date achieved compliance: 12/21/2005
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 03/15/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 57500
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/04/1993
Date achieved compliance: 03/17/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT PISTON RING CO (Continued)

1000321686

Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/21/2005
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/12/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/21/2005
Evaluation lead agency: State

Evaluation date: 05/12/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/12/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/01/2005
Evaluation lead agency: State

Evaluation date: 05/12/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/21/2005
Evaluation lead agency: State

Evaluation date: 08/16/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/17/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/04/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/17/1994
Evaluation lead agency: State Contractor/Grantee

ENVIROSTOR:

Facility ID: 71003662

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT PISTON RING CO (Continued)

1000321686

Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.86383
Longitude: -117.8355
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981674906
Alias Type: EPA Identification Number
Alias Name: 110002746529
Alias Type: EPA (FRS #)
Alias Name: 71003662
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110002746529

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)
provides California with information on hazardous waste shipments for
generators, transporters, and treatment, storage, and disposal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT PISTON RING CO (Continued)

1000321686

facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000321686
Registry ID:	110002746529
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002746529

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	209111
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	8 30I017265
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	1/30/2015
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	5/9/2008
PROCESSED DATE:	5/17/2002
STATUS CODE NAME:	Terminated
STATUS DATE:	2/10/2015
PLACE SIZE:	101250
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	Thom Nguyen
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	7149960050
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Grant Piston Rings
OPERATOR ADDRESS:	1360 N Jefferson St
OPERATOR CITY:	Anaheim

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT PISTON RING CO (Continued)

1000321686

OPERATOR STATE:	California
OPERATOR ZIP:	92807
OPERATOR CONTACT NAME:	Thom Nguyen
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	714-996-0050
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	714-996-0050
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Santa Ana River
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	3799-Transportation Equipment, NEC
SECONDARY SIC:	3592-Carburetors, Pistons, Piston Rings, and Valves
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Terminated
Agency Id:	0
Region:	8
Regulatory Measure Id:	209111
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I017265
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/17/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	01/30/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT PISTON RING CO (Continued)

1000321686

Discharge Name:	Grant Piston Rings
Discharge Address:	1360 N Jefferson St
Discharge City:	Anaheim
Discharge State:	California
Discharge Zip:	92807
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANT PISTON RING CO (Continued)

1000321686

CERTIFICATION DATE: Not reported
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

WDS:

Facility ID: Santa Ana River 30I017265
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 7149960050
Facility Contact: RYAN GRADY
Agency Name: GRANT PISTON RING INC
Agency Address: 1360 N JEFFERSON ST
Agency City,St,Zip: ANAHEIM 92807
Agency Contact: RYAN GRADY
Agency Telephone: 7149960050
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

30
SW
1/2-1
0.741 mi.
3913 ft.

FORMER S & S POLISHING AND PLATING
1501 NORTH MILLER STREET
ANAHEIM, CA 92806

ENVIROSTOR **S112205475**
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
230 ft.

Facility ID: 60001804
Status: Active
Status Date: 05/20/2008
Site Code: 510170
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Anantaramam Peddada
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Assembly: 72, 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.86530
Longitude: -117.8514
APN: NONE SPECIFIED
Past Use: METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: Chromium III Chromium VI Copper and compounds Nickel Nitric Acid
Sulfuric Acid Zinc
Confirmed COC: Chromium III Chromium VI Copper and compounds Nickel Nitric Acid
Sulfuric Acid Zinc
Potential Description: SOIL
Alias Name: S & S Polishing & Plating
Alias Type: Alternate Name
Alias Name: S&S Plating
Alias Type: Alternate Name
Alias Name: CAD079553079
Alias Type: EPA Identification Number
Alias Name: 400275
Alias Type: Project Code (Site Code)
Alias Name: 400725
Alias Type: Project Code (Site Code)
Alias Name: 510170
Alias Type: Project Code (Site Code)
Alias Name: 60000570
Alias Type: Envirostor ID Number
Alias Name: 60001804
Alias Type: Envirostor ID Number
Alias Name: 71002594
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/15/2015
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER S & S POLISHING AND PLATING (Continued)

S112205475

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 07/17/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/21/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/21/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 11/09/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 12/14/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 05/29/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 05/20/2008
Comments: Fully Executed Agreement sent by certified mail.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

31
SSE
1/2-1
0.757 mi.
3998 ft.

WESTERN EXTERMINATOR SERVICES
1321 NORTH JEFFERSON STREET
ANAHEIM, CA 92807

ENVIROSTOR **S101481484**
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
244 ft.

Facility ID: 30730041
Status: No Further Action
Status Date: 09/09/1996
Site Code: 400570
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Jess Villamayor
Supervisor: Philip Chandler
Division Branch: Cleanup Chatsworth
Assembly: 68
Senate: 37
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.86111
Longitude: -117.8369
APN: NONE SPECIFIED
Past Use: PESTICIDE/INSECTIDE/RODENTICIDE STORAGE
Potential COC: Chlordane DDD DDT Endrin
Confirmed COC: 30004-NO 30006-NO 30008-NO 30010-NO
Potential Description: SOIL
Alias Name: WESTERN EXTERMINATOR COMPANY
Alias Type: Alternate Name
Alias Name: CAD983566720
Alias Type: EPA Identification Number
Alias Name: 400570
Alias Type: Project Code (Site Code)
Alias Name: 30730041
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/28/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 07/20/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 07/20/1990
Comments: FACILITY IDENTIFIED ANONYMOUS CALLER REPORTED PESTICIDES DUMPED ON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN EXTERMINATOR SERVICES (Continued)

S101481484

GROUND NEAR RAIL ROAD TRACKS ON EAST SIDE OF FACILITY. SITE SCREENING
DONE EPA RECOMMENDS HIGH PRIORITY SSI UNDER CERCLA

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

32
South
1/2-1
0.824 mi.
4351 ft.

STAINLESS MICRO POLISH INCORPORATED
1286 N. GROVE ST
ANAHEIM, CA 92806

RCRA-LQG 1000257900
ENVIROSTOR CAD096882865
FINDS
ECHO
NPDES
WDS

Relative:
Lower

RCRA-LQG:

Actual:
237 ft.

Date form received by agency: 05/23/2016
Facility name: STAINLESS MICRO-POLISH, INC.
Facility address: 1286 N. GROVE ST.
ANAHEIM, CA 92806
EPA ID: CAD096882865
Mailing address: N. GROVE ST.
ANAHEIM, CA 92806
Contact: MICHAEL GIERUT
Contact address: N. GROVE ST.
ANAHEIM, CA 92806
Contact country: US
Contact telephone: (714) 632-8903
Contact email: MIKE@STAINLESSMICROPOLISH.COM
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: STAINLESS MICRO-POLISH, INC.
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAINLESS MICRO POLISH INCORPORATED (Continued)

1000257900

Owner/Operator Type: Operator
Owner/Op start date: 09/01/1984
Owner/Op end date: Not reported

Owner/operator name: ROBERT A. MACULSAY
Owner/operator address: N. GROVE ST.
ANAHEIM, CA 92806

Owner/operator country: US
Owner/operator telephone: (714) 632-8903
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/01/1979
Owner/Op end date: Not reported

Owner/operator name: ROBERT MACULSAY
Owner/operator address: 1286 N GROVE ST
ANAHEIM, CA 92806

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/02/1978
Owner/Op end date: Not reported

Owner/operator name: ROBERT MACULSAY
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/02/1978
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 792
. Waste name: 792

. Waste code: D002
. Waste name: CORROSIVE WASTE

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAINLESS MICRO POLISH INCORPORATED (Continued)

1000257900

. Waste code: D007
. Waste name: CHROMIUM

Historical Generators:

Date form received by agency: 03/01/2014
Site name: STAINLESS MICRO-POLISH INC
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

Date form received by agency: 11/01/2012
Site name: STAINLESS MICRO-POLISH, INC
Classification: Large Quantity Generator

. Waste code: 792
. Waste name: 792

. Waste code: D002
. Waste name: CORROSIVE WASTE

Date form received by agency: 02/26/2010
Site name: STAINLESS MICRO-POLISH, INC
Classification: Large Quantity Generator

. Waste code: 792
. Waste name: 792

. Waste code: D002
. Waste name: CORROSIVE WASTE

Date form received by agency: 02/21/2008
Site name: STAINLESS MICRO-POLISH, INC
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

Date form received by agency: 02/20/2006
Site name: STAINLESS MICRO - POLISH , INC
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

Date form received by agency: 02/17/2004
Site name: STAINLESS MICRO-POLISH, INC
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

Date form received by agency: 02/25/2002
Site name: STAINLESS MICRO-POLISH, INC

Map ID
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Database(s)

EDR ID Number
EPA ID Number

STAINLESS MICRO POLISH INCORPORATED (Continued)

1000257900

Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Site name: STAINLESS MICRO-POLISH, INC.

Classification: Large Quantity Generator

Date form received by agency: 04/15/1999

Site name: STAINLESS MICRO-POLISH, INC

Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Site name: STAINLESS MICRO POLISH INC

Classification: Large Quantity Generator

Date form received by agency: 09/26/1986

Site name: STAINLESS MICRO POLISH INC

Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 64602.2

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 04/01/2008

Date achieved compliance: Not reported

Violation lead agency: State

Enforcement action: Not reported

Enforcement action date: Not reported

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: Not reported

Proposed penalty amount: Not reported

Final penalty amount: Not reported

Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 11/01/2012

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported

Date achieved compliance: Not reported

Evaluation lead agency: State

Evaluation date: 01/11/2010

Map ID
Direction
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Database(s)

EDR ID Number
EPA ID Number

STAINLESS MICRO POLISH INCORPORATED (Continued)

1000257900

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/01/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/01/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

ENVIROSTOR:

Facility ID: 71002642
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.86141
Longitude: -117.8429
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD096882865
Alias Type: EPA Identification Number
Alias Name: 110000783126
Alias Type: EPA (FRS #)
Alias Name: 71002642
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAINLESS MICRO POLISH INCORPORATED (Continued)

1000257900

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110000783126

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000257900
Registry ID: 110000783126
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000783126>

NPDES:

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 8
Regulatory Measure Id: 208445
Order No: Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 8 30I004111
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAINLESS MICRO POLISH INCORPORATED (Continued)

1000257900

Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	5/9/2008
PROCESSED DATE:	4/6/1992
STATUS CODE NAME:	Active
STATUS DATE:	4/6/1992
PLACE SIZE:	24178
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	Michael Gierut
FACILITY CONTACT TITLE:	General Manager
FACILITY CONTACT PHONE:	714-632-8903
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	mike@stainlessmicropolish.com
OPERATOR NAME:	Stainless Micro Polish Inc
OPERATOR ADDRESS:	1286 N Grove Steet
OPERATOR CITY:	Anaheim
OPERATOR STATE:	California
OPERATOR ZIP:	92806
OPERATOR CONTACT NAME:	Michael Gierut
OPERATOR CONTACT TITLE:	General Manager
OPERATOR CONTACT PHONE:	714-632-8903
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	mike@stainlessmicropolish.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	714-632-8903
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Pacific Ocean
CERTIFIER NAME:	Michael Gierut
CERTIFIER TITLE:	General Manager
CERTIFICATION DATE:	04-MAY-15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAINLESS MICRO POLISH INCORPORATED (Continued)

1000257900

PRIMARY SIC:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	208445
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I004111
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Stainless Micro Polish Inc
Discharge Address:	1286 N Grove Steet
Discharge City:	Anaheim
Discharge State:	California
Discharge Zip:	92806
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAINLESS MICRO POLISH INCORPORATED (Continued)

1000257900

CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERCIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

WDS:

Facility ID:	Santa Ana River 30I004111
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	7146328903
Facility Contact:	R.A. MACULSAY
Agency Name:	MACULSAY ROBERT
Agency Address:	1286 N GROVE ST
Agency City,St,Zip:	ANAHEIM 92806
Agency Contact:	R.A. MACULSAY
Agency Telephone:	7146328903
Agency Type:	Private
SIC Code:	3471
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	STORMS
Waste Type2:	Not reported
Waste2:	Stormwater Runoff
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAINLESS MICRO POLISH INCORPORATED (Continued)

1000257900

Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

33
ENE
1/2-1
0.824 mi.
4352 ft.

PAGE 31 OILFIELD PROPERTY
17550 BUENA VISTA AVE
YORBA LINDA, CA 92886

ENVIROSTOR
Orange Co. Industrial Site

S106541940
N/A

Relative:
Higher

Actual:
294 ft.

ENVIROSTOR:
Facility ID: 30000007
Status: Refer: 1248 Local Agency
Status Date: 06/04/2004
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 72
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30000007
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAGE 31 OILFIELD PROPERTY (Continued)

S106541940

Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Orange Co. Industrial Site:

Case ID: 04IC012
Record ID: RO0003306
Current Status: CLOSED 9/29/2004
Closure Type: Closure certification issued
Released Chemical: FUEL WASTE

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PLACENTIA	S106893787	HQT HOMES AREAS 4 & 6 LP	400 DUNNAVANT DRIVE TRACTS 154	92870	ENVIROSTOR
YORBA LINDA	S106797610	PLEGEL OIL COMPANY;SHAY ODOM LEASE	W OF NWC OR PROSPECT AV & NIGH	92886	ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/05/2017	Source: EPA
Date Data Arrived at EDR: 04/21/2017	Telephone: N/A
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 06/08/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/17/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/05/2017	Source: EPA
Date Data Arrived at EDR: 04/21/2017	Telephone: N/A
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 06/09/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/17/2017
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/05/2017	Source: EPA
Date Data Arrived at EDR: 04/21/2017	Telephone: N/A
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 06/09/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/17/2017
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/07/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/17/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/07/2017	Source: EPA
Date Data Arrived at EDR: 04/19/2017	Telephone: 800-424-9346
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 06/08/2017
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/31/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 02/07/2017	Source: EPA
Date Data Arrived at EDR: 04/19/2017	Telephone: 800-424-9346
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 06/08/2017
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/31/2017
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016	Source: EPA
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 05/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 05/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 05/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 05/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 05/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/28/2016	Source: Department of the Navy
Date Data Arrived at EDR: 01/04/2017	Telephone: 843-820-7326
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/15/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 08/28/2017
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/28/2017	Telephone: 703-603-0695
Date Made Active in Reports: 06/09/2017	Last EDR Contact: 05/31/2017
Number of Days to Update: 101	Next Scheduled EDR Contact: 09/11/2017
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/28/2017	Telephone: 703-603-0695
Date Made Active in Reports: 06/09/2017	Last EDR Contact: 05/31/2017
Number of Days to Update: 101	Next Scheduled EDR Contact: 09/11/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/29/2017

Next Scheduled EDR Contact: 07/10/2017

Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/30/2017

Date Data Arrived at EDR: 01/31/2017

Date Made Active in Reports: 05/23/2017

Number of Days to Update: 112

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 05/02/2017

Next Scheduled EDR Contact: 08/14/2017

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/30/2017

Date Data Arrived at EDR: 01/31/2017

Date Made Active in Reports: 05/23/2017

Number of Days to Update: 112

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 05/02/2017

Next Scheduled EDR Contact: 08/14/2017

Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/13/2017

Date Data Arrived at EDR: 02/15/2017

Date Made Active in Reports: 05/02/2017

Number of Days to Update: 76

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/17/2017

Next Scheduled EDR Contact: 08/28/2017

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/06/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/26/2017	Telephone: 415-972-3372
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/01/2016	Source: EPA Region 6
Date Data Arrived at EDR: 01/26/2017	Telephone: 214-665-6597
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/14/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 01/26/2017	Telephone: 312-886-7439
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/17/2016	Source: EPA Region 8
Date Data Arrived at EDR: 01/26/2017	Telephone: 303-312-6271
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/01/2016	Source: EPA Region 7
Date Data Arrived at EDR: 01/26/2017	Telephone: 913-551-7003
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/13/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2017	Telephone: 866-480-1028
Date Made Active in Reports: 05/02/2017	Last EDR Contact: 06/14/2017
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/25/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/11/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2017
Date Data Arrived at EDR: 03/16/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 57

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 03/24/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/10/2017
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/14/2017	Source: EPA Region 5
Date Data Arrived at EDR: 01/26/2017	Telephone: 312-886-6136
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/01/2016	Source: EPA Region 6
Date Data Arrived at EDR: 01/26/2017	Telephone: 214-665-7591
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/01/2016	Source: EPA Region 7
Date Data Arrived at EDR: 01/26/2017	Telephone: 913-551-7003
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/17/2016	Source: EPA Region 8
Date Data Arrived at EDR: 01/26/2017	Telephone: 303-312-6137
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/06/2016	Source: EPA Region 9
Date Data Arrived at EDR: 01/26/2017	Telephone: 415-972-3368
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 11/14/2016	Source: EPA, Region 1
Date Data Arrived at EDR: 01/26/2017	Telephone: 617-918-1313
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/27/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/10/2017
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/30/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/31/2017	Telephone: 916-323-3400
Date Made Active in Reports: 05/23/2017	Last EDR Contact: 05/02/2017
Number of Days to Update: 112	Next Scheduled EDR Contact: 08/14/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 01/03/2017
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/02/2017
Date Data Arrived at EDR: 03/02/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/13/2017
Date Data Arrived at EDR: 01/17/2017
Date Made Active in Reports: 05/31/2017
Number of Days to Update: 134

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 01/31/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 112

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 54

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 67

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/06/2017	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/07/2017	Telephone: 916-323-3400
Date Made Active in Reports: 05/23/2017	Last EDR Contact: 06/06/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/28/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 03/29/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 07/10/2017
	Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/06/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/25/2017	Telephone: 916-845-8400
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 04/28/2017
Number of Days to Update: 105	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/13/2017	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/14/2017	Telephone: 866-480-1028
Date Made Active in Reports: 05/02/2017	Last EDR Contact: 06/14/2017
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/25/2017
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/13/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2017	Telephone: 866-480-1028
Date Made Active in Reports: 05/02/2017	Last EDR Contact: 06/14/2017
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/25/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/19/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/15/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/17/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/24/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/26/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/26/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2017
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/06/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/21/2017
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 04/10/2017
Number of Days to Update: 127	Next Scheduled EDR Contact: 07/24/2017
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/10/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/24/2017
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/19/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/19/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 05/08/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/21/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/05/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/05/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/28/2017
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/04/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2017	Telephone: 202-343-9775
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/06/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/17/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/26/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/08/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 38

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/14/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 21

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/04/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 35

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/19/2017
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 05/24/2017
Number of Days to Update: 91	Next Scheduled EDR Contact: 09/11/2017
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2017	Source: EPA
Date Data Arrived at EDR: 02/22/2017	Telephone: 800-385-6164
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 05/24/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/04/2017
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/28/2016	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 12/28/2016	Telephone: 916-323-3400
Date Made Active in Reports: 03/02/2017	Last EDR Contact: 03/29/2017
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/10/2017
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/09/2017	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 04/11/2017	Telephone: 916-327-4498
Date Made Active in Reports: 05/23/2017	Last EDR Contact: 06/02/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/18/2017
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014	Source: California Air Resources Board
Date Data Arrived at EDR: 09/23/2016	Telephone: 916-322-2990
Date Made Active in Reports: 10/24/2016	Last EDR Contact: 03/21/2017
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/03/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/23/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/27/2017	Telephone: 916-445-9379
Date Made Active in Reports: 05/25/2017	Last EDR Contact: 04/24/2017
Number of Days to Update: 118	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/29/2016	Telephone: 916-255-3628
Date Made Active in Reports: 06/21/2016	Last EDR Contact: 06/02/2017
Number of Days to Update: 53	Next Scheduled EDR Contact: 08/07/2017
	Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/14/2017	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 02/17/2017	Telephone: 916-341-6066
Date Made Active in Reports: 05/25/2017	Last EDR Contact: 05/15/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 08/28/2017
	Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2015	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/12/2016	Telephone: 916-255-1136
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 04/14/2017
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/24/2017
	Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/21/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/22/2016	Telephone: 877-786-9427
Date Made Active in Reports: 01/23/2017	Last EDR Contact: 05/24/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/04/2017
	Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/11/2017
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 04/26/2017
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/13/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 86

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/06/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/15/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 107

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/17/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/06/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/03/2017
Number of Days to Update: 87

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 12/22/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/03/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 01/20/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/24/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/10/2017
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 31

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2017
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 21

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 04/14/2017
Number of Days to Update: 37

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/2017
Date Data Arrived at EDR: 02/07/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 94

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List Cupa facility list.

Date of Government Version: 02/23/2017
Date Data Arrived at EDR: 02/24/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 77

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/17/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/26/2017
Number of Days to Update: 65

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

Date of Government Version: 01/31/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/14/2017
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/24/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 73

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/06/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 40

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 111

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/20/2017
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 57

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 01/23/2017
Date Data Arrived at EDR: 01/25/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 36

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/09/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 77

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 02/07/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 81

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 71

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/18/2017
Date Data Arrived at EDR: 01/20/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 41

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 111

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 66

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/17/2017
Date Data Arrived at EDR: 04/18/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 14

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/18/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/13/2016
Number of Days to Update: 68

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/17/2017
Date Data Arrived at EDR: 01/18/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 112

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/10/2017

Date Data Arrived at EDR: 01/13/2017

Date Made Active in Reports: 05/03/2017

Number of Days to Update: 110

Source: City of Torrance Fire Department

Telephone: 310-618-2973

Last EDR Contact: 04/10/2017

Next Scheduled EDR Contact: 07/24/2017

Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/03/2017

Date Data Arrived at EDR: 03/07/2017

Date Made Active in Reports: 05/17/2017

Number of Days to Update: 71

Source: Madera County Environmental Health

Telephone: 559-675-7823

Last EDR Contact: 05/22/2017

Next Scheduled EDR Contact: 09/04/2017

Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 03/31/2017

Date Data Arrived at EDR: 04/06/2017

Date Made Active in Reports: 05/03/2017

Number of Days to Update: 27

Source: Public Works Department Waste Management

Telephone: 415-499-6647

Last EDR Contact: 03/31/2017

Next Scheduled EDR Contact: 07/17/2017

Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 02/22/2017

Date Data Arrived at EDR: 02/23/2017

Date Made Active in Reports: 05/17/2017

Number of Days to Update: 83

Source: Merced County Environmental Health

Telephone: 209-381-1094

Last EDR Contact: 06/02/2017

Next Scheduled EDR Contact: 09/04/2017

Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 02/21/2017

Date Data Arrived at EDR: 03/02/2017

Date Made Active in Reports: 05/17/2017

Number of Days to Update: 76

Source: Mono County Health Department

Telephone: 760-932-5580

Last EDR Contact: 05/24/2017

Next Scheduled EDR Contact: 09/11/2017

Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 03/16/2017
Date Made Active in Reports: 05/09/2017
Number of Days to Update: 54

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 96

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/06/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2016
Date Data Arrived at EDR: 11/11/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 73

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/06/2017
Date Data Arrived at EDR: 02/07/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/09/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 01/31/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 111

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/18/2017
Date Data Arrived at EDR: 04/20/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 1

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/19/2017
Date Data Arrived at EDR: 01/25/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 98

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 56

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/08/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 56

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 105

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/09/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 03/03/2017
Number of Days to Update: 80

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 10/05/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 86

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 02/28/2017
Date Data Arrived at EDR: 03/02/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 62

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/21/2017
Date Data Arrived at EDR: 03/23/2017
Date Made Active in Reports: 05/09/2017
Number of Days to Update: 47

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 02/21/2017
Date Data Arrived at EDR: 02/21/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 91

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 33

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 14

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 02/22/2017
Date Data Arrived at EDR: 02/23/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 89

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/10/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 75

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/14/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 67

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 1

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 47

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2017
Date Data Arrived at EDR: 03/30/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 54

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 55

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/20/2017
Date Data Arrived at EDR: 01/24/2017
Date Made Active in Reports: 05/18/2017
Number of Days to Update: 114

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 01/05/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 104

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2017
Date Data Arrived at EDR: 01/25/2017
Date Made Active in Reports: 05/18/2017
Number of Days to Update: 113

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa program facilities

Date of Government Version: 01/05/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 104

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/25/2017
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 34

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/27/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 103

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 89

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2017

Date Data Arrived at EDR: 03/15/2017

Date Made Active in Reports: 05/03/2017

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813

Last EDR Contact: 06/14/2017

Next Scheduled EDR Contact: 09/25/2017

Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/31/2017

Date Data Arrived at EDR: 04/06/2017

Date Made Active in Reports: 05/03/2017

Number of Days to Update: 27

Source: Yolo County Department of Health

Telephone: 530-666-8646

Last EDR Contact: 03/31/2017

Next Scheduled EDR Contact: 07/17/2017

Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 01/30/2017

Date Data Arrived at EDR: 01/31/2017

Date Made Active in Reports: 05/23/2017

Number of Days to Update: 112

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523

Last EDR Contact: 05/01/2017

Next Scheduled EDR Contact: 08/14/2017

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013

Date Data Arrived at EDR: 08/19/2013

Date Made Active in Reports: 10/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 05/15/2017

Next Scheduled EDR Contact: 08/28/2017

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 01/03/2017

Number of Days to Update: 96

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/11/2017

Next Scheduled EDR Contact: 07/24/2017

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/18/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/12/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SE CORNER OF ROSE DRIVE & ALTA VISTA STREET
SE CORNER OF ROSE DRIVE & ALTA VISTA STREET
PLACENTIA, CA 92870

TARGET PROPERTY COORDINATES

Latitude (North):	33.874451 - 33° 52' 28.02"
Longitude (West):	117.84211 - 117° 50' 31.60"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	422115.9
UTM Y (Meters):	3748360.5
Elevation:	283 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641308 ORANGE, CA
Version Date:	2012
North Map:	5640946 YORBA LINDA, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

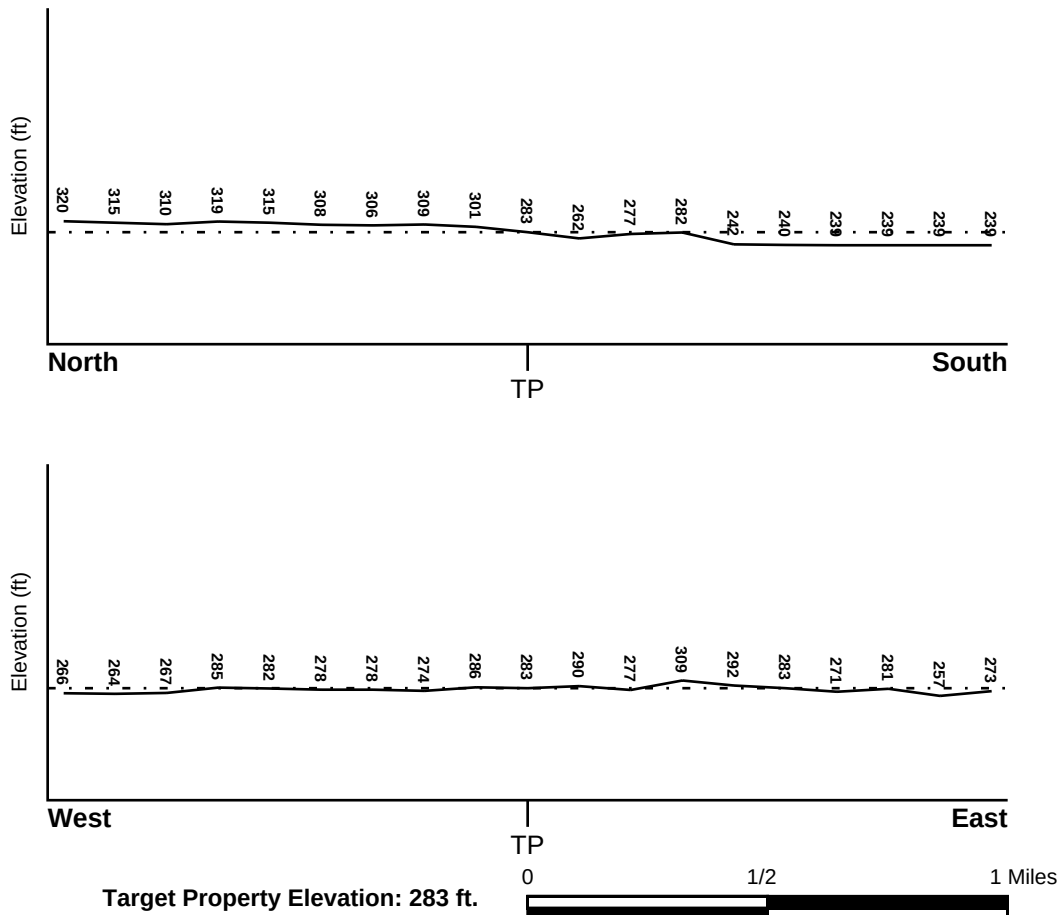
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06059C0152J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06059C0063J	FEMA FIRM Flood data
06037C1900F	FEMA FIRM Flood data
06059C0064J	FEMA FIRM Flood data
06059C0151J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
ORANGE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile SW
Site Name:	Precision Anodizing And Plating
Site EPA ID Number:	CAD067629873
Groundwater Flow Direction:	SW TOWARD THE PACIFIC OCEAN ON A REGIONAL BASIS. THE FLOW IS DIFFICULT TO DETERMINE IN THE VICINITY OF THE SITE BECAUSE OF THE PRESENCE OF TWO RECHARGE BASINS, THE MILLER RETARDING BASIN AND ANAHEIM LAKE.
Measured Depth to Water:	15 feet.
Hydraulic Connection:	Separation of the surficial aquifer (semi-perched water zone) and underlying Talbert water bearing zone is indistinct in the vicinity of the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

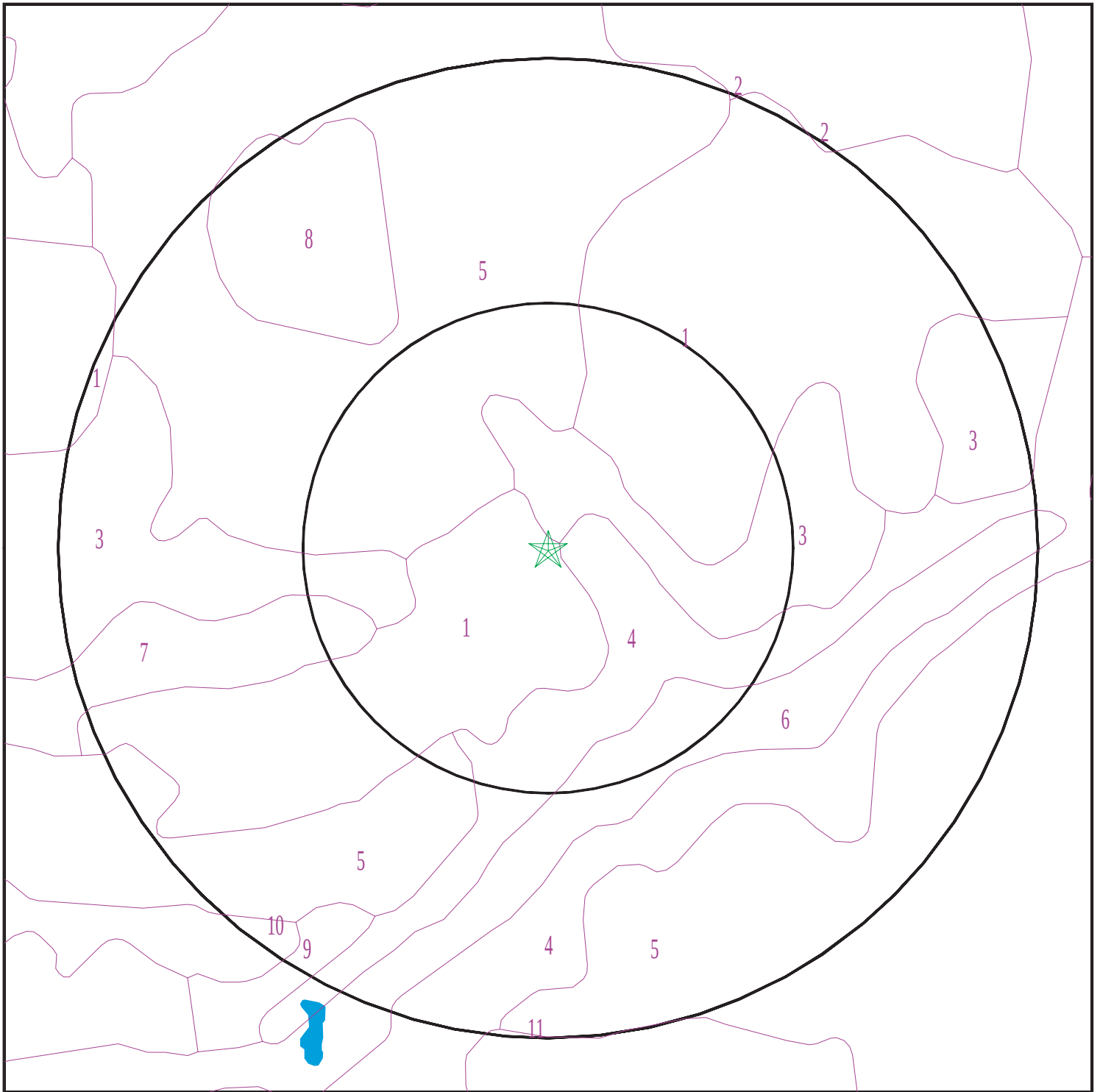
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tp (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 04968502.2r



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: SE Corner of Rose Drive & Alta Vista Street
ADDRESS: SE Corner of Rose Drive & Alta Vista Street
Placentia CA 92870
LAT/LONG: 33.874451 / 117.84211

CLIENT: SCS Engineers
CONTACT: Kim Braun
INQUIRY #: 04968502.2r
DATE: June 15, 2017 8:01 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: RINCON

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1
2	11 inches	27 inches	sandy clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	27 inches	59 inches	stratified sandy loam to clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 5.1
2	22 inches	27 inches	sandy clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	27 inches	38 inches	sandy clay loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	38 inches	70 inches	sandy loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 3

Soil Component Name: RINCON

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1
2	11 inches	27 inches	sandy clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	27 inches	59 inches	stratified sandy loam to clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: YORBA

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Not reported	Not reported	Max: 42 Min: 4	Max: 6.5 Min: 5.6
2	11 inches	40 inches	very gravelly sandy clay loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
3	40 inches	62 inches	very gravelly sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 6

Soil Component Name: SORRENTO

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1
2	11 inches	61 inches	silty clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	61 inches	72 inches	stratified loamy fine sand to silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 7

Soil Component Name: RINCON

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1
2	11 inches	27 inches	sandy clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	27 inches	59 inches	stratified sandy loam to clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 8

Soil Component Name: XERALFIC ARENTS

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 9

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 10

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 11

Soil Component Name: PITS

Soil Surface Texture: extremely gravelly coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	extremely gravelly coarse sand	Not reported	Not reported	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	extremely gravelly sand	Not reported	Not reported	Max: 141 Min: 42	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A4	USGS40000138679	1/2 - 1 Mile SW
C13	USGS40000138734	1/2 - 1 Mile West
D17	USGS40000138657	1/2 - 1 Mile SSW
E19	USGS40000138652	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	CADW60000000302	1/4 - 1/2 Mile SSE
3	CADW60000001503	1/2 - 1 Mile South
A5	CADW60000018515	1/2 - 1 Mile SW
6	6136	1/2 - 1 Mile SE
7	CADW60000018513	1/2 - 1 Mile WNW
B8	CADW60000018517	1/2 - 1 Mile South
B9	CADW60000001502	1/2 - 1 Mile South
10	3796	1/2 - 1 Mile SW
B11	CADW60000018516	1/2 - 1 Mile South
12	CADW60000001610	1/2 - 1 Mile South
14	CADW60000018519	1/2 - 1 Mile South
D15	3795	1/2 - 1 Mile SSW
C16	CADW60000001472	1/2 - 1 Mile West
E18	3799	1/2 - 1 Mile SSW
E20	CADW60000018518	1/2 - 1 Mile SSW
21	CADW60000016895	1/2 - 1 Mile SE
22	CADW60000033279	1/2 - 1 Mile SSE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAOG11000221240	0 - 1/8 Mile NNW
A2	CAOG11000221243	0 - 1/8 Mile NW
A3	CAOG11000220902	0 - 1/8 Mile SSW
A4	CAOG11000222179	0 - 1/8 Mile ENE
A5	CAOG11000197536	0 - 1/8 Mile ENE
A6	CAOG11000196625	0 - 1/8 Mile East
A7	CAOG11000196599	0 - 1/8 Mile NNW
B8	CAOG11000196574	0 - 1/8 Mile SSW
B9	CAOG11000196575	0 - 1/8 Mile SSW
B11	CAOG11000196577	0 - 1/8 Mile SSW
B10	CAOG11000196576	0 - 1/8 Mile SSW
C12	CAOG11000196582	0 - 1/8 Mile SE
C13	CAOG11000196581	0 - 1/8 Mile SE
D14	CAOG11000221403	0 - 1/8 Mile ENE
C15	CAOG11000196583	0 - 1/8 Mile SE
B16	CAOG11000196572	0 - 1/8 Mile SSW
B17	CAOG11000196573	0 - 1/8 Mile SSW
D18	CAOG11000198727	0 - 1/8 Mile NE
B19	CAOG11000196489	0 - 1/8 Mile WSW
D20	CAOG11000222351	0 - 1/8 Mile NNE
E21	CAOG11000221072	0 - 1/8 Mile WNW
B22	CAOG11000221066	0 - 1/8 Mile SW
E23	CAOG11000196503	0 - 1/8 Mile WNW
E24	CAOG11000196504	0 - 1/8 Mile WNW
E25	CAOG11000221065	0 - 1/8 Mile WNW
B26	CAOG11000196579	0 - 1/8 Mile South
B27	CAOG11000196580	0 - 1/8 Mile South
C28	CAOG11000220904	0 - 1/8 Mile ESE
E29	CAOG11000221077	0 - 1/8 Mile WNW
B30	CAOG11000221091	0 - 1/8 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F31	CAOG11000221306	0 - 1/8 Mile NNE
C32	CAOG11000217429	1/8 - 1/4 Mile ESE
F33	CAOG11000198344	1/8 - 1/4 Mile NNE
F34	CAOG11000198345	1/8 - 1/4 Mile NNE
B35	CAOG11000221151	1/8 - 1/4 Mile South
F36	CAOG11000198341	1/8 - 1/4 Mile NNE
C37	CAOG11000196539	1/8 - 1/4 Mile SSE
F38	CAOG11000198342	1/8 - 1/4 Mile NNE
F39	CAOG11000198343	1/8 - 1/4 Mile NNE
C40	CAOG11000196584	1/8 - 1/4 Mile ESE
F41	CAOG11000198346	1/8 - 1/4 Mile NNE
F42	CAOG11000221400	1/8 - 1/4 Mile NE
C43	CAOG11000196536	1/8 - 1/4 Mile SSE
E44	CAOG11000221080	1/8 - 1/4 Mile West
E45	CAOG11000196493	1/8 - 1/4 Mile WNW
G46	CAOG11000221242	1/8 - 1/4 Mile NNW
F47	CAOG11000198546	1/8 - 1/4 Mile NNE
D48	CAOG11000221397	1/8 - 1/4 Mile East
F49	CAOG11000221308	1/8 - 1/4 Mile NE
H50	CAOG11000196488	1/8 - 1/4 Mile SSW
F52	CAOG11000198284	1/8 - 1/4 Mile NNE
F51	CAOG11000198283	1/8 - 1/4 Mile NNE
G53	CAOG11000221241	1/8 - 1/4 Mile NNW
I55	CAOG11000196498	1/8 - 1/4 Mile WSW
I56	CAOG11000196499	1/8 - 1/4 Mile WSW
I54	CAOG11000196497	1/8 - 1/4 Mile WSW
G57	CAOG11000221187	1/8 - 1/4 Mile NW
E58	CAOG11000196508	1/8 - 1/4 Mile WNW
D60	CAOG11000196629	1/8 - 1/4 Mile ENE
D59	CAOG11000196628	1/8 - 1/4 Mile ENE
F62	CAOG11000194586	1/8 - 1/4 Mile NNE
F61	CAOG11000194585	1/8 - 1/4 Mile NNE
J63	CAOG11000196630	1/8 - 1/4 Mile East
K64	CAOG11000196595	1/8 - 1/4 Mile NW
J65	CAOG11000196571	1/8 - 1/4 Mile ESE
K66	CAOG11000221200	1/8 - 1/4 Mile NW
I67	CAOG11000297063	1/8 - 1/4 Mile WSW
I68	CAOG11000221083	1/8 - 1/4 Mile WSW
H69	CAOG11000196537	1/8 - 1/4 Mile South
H70	CAOG11000196538	1/8 - 1/4 Mile South
L71	CAOG11000221149	1/8 - 1/4 Mile SE
M72	CAOG11000196535	1/8 - 1/4 Mile South
I73	CAOG11000196505	1/8 - 1/4 Mile West
H74	CAOG11000196487	1/8 - 1/4 Mile SSW
N75	CAOG11000197489	1/8 - 1/4 Mile WNW
L76	CAOG11000221148	1/8 - 1/4 Mile SE
L77	CAOG11000196578	1/8 - 1/4 Mile SE
I78	CAOG11000221120	1/8 - 1/4 Mile WSW
N79	CAOG11000219627	1/8 - 1/4 Mile WNW
M80	CAOG11000221029	1/8 - 1/4 Mile South
J81	CAOG11000196570	1/8 - 1/4 Mile ESE
K82	CAOG11000196596	1/8 - 1/4 Mile NW
H83	CAOG11000196496	1/8 - 1/4 Mile SW
O84	CAOG11000196627	1/8 - 1/4 Mile NE
K85	CAOG11000221207	1/8 - 1/4 Mile NW
G86	CAOG11000221258	1/8 - 1/4 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G87	CAOG11000221259	1/8 - 1/4 Mile North
P88	CAOG11000196607	1/8 - 1/4 Mile NNE
G89	CAOG11000221255	1/8 - 1/4 Mile NNW
O90	CAOG11000198248	1/8 - 1/4 Mile NE
O91	CAOG11000198249	1/8 - 1/4 Mile NE
H92	CAOG11000222129	1/8 - 1/4 Mile SW
H94	CAOG11000222131	1/8 - 1/4 Mile SW
H93	CAOG11000222130	1/8 - 1/4 Mile SW
O95	CAOG11000221396	1/8 - 1/4 Mile NE
N96	CAOG11000221064	1/8 - 1/4 Mile WNW
H97	CAOG11000221112	1/8 - 1/4 Mile SSW
N98	CAOG11000217426	1/8 - 1/4 Mile WNW
I99	CAOG11000196486	1/8 - 1/4 Mile WSW
Q100	CAOG11000221093	1/8 - 1/4 Mile SSW
R101	CAOG11000221119	1/8 - 1/4 Mile WSW
K102	CAOG11000196594	1/8 - 1/4 Mile NW
S103	CAOG11000198285	1/8 - 1/4 Mile ENE
T104	CAOG11000196509	1/8 - 1/4 Mile West
U105	CAOG11000220903	1/8 - 1/4 Mile ESE
S106	CAOG11000221398	1/8 - 1/4 Mile East
P107	CAOG11000221257	1/8 - 1/4 Mile North
L108	CAOG11000196540	1/8 - 1/4 Mile ESE
R109	CAOG11000221074	1/8 - 1/4 Mile SW
V110	CAOG11000221192	1/4 - 1/2 Mile NNW
S111	CAOG11000196626	1/4 - 1/2 Mile ENE
S112	CAOG11000221399	1/4 - 1/2 Mile ENE
U113	CAOG11000305953	1/4 - 1/2 Mile ESE
P114	CAOG11000196606	1/4 - 1/2 Mile NNE
U115	CAOG11000196569	1/4 - 1/2 Mile ESE
O116	CAOG11000221235	1/4 - 1/2 Mile NNE
R117	CAOG11000221099	1/4 - 1/2 Mile WSW
Q118	CAOG11000221054	1/4 - 1/2 Mile South
R119	CAOG11000221118	1/4 - 1/2 Mile WSW
V120	CAOG11000196592	1/4 - 1/2 Mile NNW
I21	CAOG11000221141	1/4 - 1/2 Mile South
N122	CAOG11000217430	1/4 - 1/2 Mile WNW
N123	CAOG11000196494	1/4 - 1/2 Mile WNW
W124	CAOG11000221088	1/4 - 1/2 Mile SW
T125	CAOG11000221095	1/4 - 1/2 Mile West
I26	CAOG11000221053	1/4 - 1/2 Mile SSE
T127	CAOG11000221106	1/4 - 1/2 Mile West
X128	CAOG11000221199	1/4 - 1/2 Mile WNW
S129	CAOG11000221402	1/4 - 1/2 Mile ENE
S130	CAOG11000221395	1/4 - 1/2 Mile ENE
U131	CAOG11000196541	1/4 - 1/2 Mile ESE
Y132	CAOG11000222480	1/4 - 1/2 Mile NE
V133	CAOG11000221196	1/4 - 1/2 Mile NW
Z134	CAOG11000221117	1/4 - 1/2 Mile WSW
T135	CAOG11000196507	1/4 - 1/2 Mile West
S136	CAOG11000221307	1/4 - 1/2 Mile ENE
Y138	CAOG11000222414	1/4 - 1/2 Mile NE
Y137	CAOG11000222413	1/4 - 1/2 Mile NE
I39	CAOG11000196589	1/4 - 1/2 Mile NW
X140	CAOG11000221232	1/4 - 1/2 Mile WNW
X141	CAOG11000221079	1/4 - 1/2 Mile WNW
AA142	CAOG11000220755	1/4 - 1/2 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AA143	CAOG11000220756	1/4 - 1/2 Mile North
X144	CAOG11000221229	1/4 - 1/2 Mile NW
V145	CAOG11000197482	1/4 - 1/2 Mile NNW
Z146	CAOG11000194593	1/4 - 1/2 Mile WSW
V147	CAOG11000196588	1/4 - 1/2 Mile NNW
AB148	CAOG11000221287	1/4 - 1/2 Mile East
AC149	CAOG11000221238	1/4 - 1/2 Mile NNE
AD150	CAOG11000221092	1/4 - 1/2 Mile West
Y151	CAOG11000221236	1/4 - 1/2 Mile NE
AB152	CAOG11000221279	1/4 - 1/2 Mile East
AB153	CAOG11000221289	1/4 - 1/2 Mile East
X154	CAOG11000221205	1/4 - 1/2 Mile WNW
155	CAOG11000221150	1/4 - 1/2 Mile SE
AB156	CAOG11000221365	1/4 - 1/2 Mile ENE
AD157	CAOG11000221063	1/4 - 1/2 Mile WNW
AE158	CAOG11000196586	1/4 - 1/2 Mile NNW
Y159	CAOG11000221233	1/4 - 1/2 Mile NE
AB160	CAOG11000196615	1/4 - 1/2 Mile East
Z161	CAOG11000196495	1/4 - 1/2 Mile West
W162	CAOG11000221103	1/4 - 1/2 Mile SW
AF163	CAOG11000196654	1/4 - 1/2 Mile ENE
AB164	CAOG11000221290	1/4 - 1/2 Mile East
AG165	CAOG11000221098	1/4 - 1/2 Mile SW
AA166	CAOG11000217388	1/4 - 1/2 Mile North
AH167	CAOG11000221244	1/4 - 1/2 Mile ESE
AH169	CAOG11000196604	1/4 - 1/2 Mile ESE
AH168	CAOG11000196603	1/4 - 1/2 Mile ESE
AF170	CAOG11000198726	1/4 - 1/2 Mile ENE
AG171	CAOG11000221114	1/4 - 1/2 Mile SW
Z172	CAOG11000221068	1/4 - 1/2 Mile West
Z173	CAOG11000196491	1/4 - 1/2 Mile WSW
AA174	CAOG11000221254	1/4 - 1/2 Mile North
AD175	CAOG11000221111	1/4 - 1/2 Mile West
AF176	CAOG11000221362	1/4 - 1/2 Mile ENE
AH178	CAOG11000196602	1/4 - 1/2 Mile ESE
AH177	CAOG11000196601	1/4 - 1/2 Mile ESE
179	CAOG11000221319	1/4 - 1/2 Mile South
AA180	CAOG11000221256	1/4 - 1/2 Mile NNE
AF181	CAOG11000217747	1/4 - 1/2 Mile ENE
AI182	CAOG11000221239	1/4 - 1/2 Mile NE
AE183	CAOG11000196587	1/4 - 1/2 Mile NW
AD184	CAOG11000197483	1/4 - 1/2 Mile West
AD185	CAOG11000197484	1/4 - 1/2 Mile West
AD186	CAOG11000196506	1/4 - 1/2 Mile West
AJ187	CAOG11000221224	1/4 - 1/2 Mile NW
AC188	CAOG11000222356	1/4 - 1/2 Mile NNE
AC189	CAOG11000222357	1/4 - 1/2 Mile NNE
AK190	CAOG11000221087	1/4 - 1/2 Mile SW
AL191	CAOG11000221105	1/4 - 1/2 Mile WSW
AK192	CAOG11000217396	1/4 - 1/2 Mile WSW
AJ193	CAOG11000221203	1/4 - 1/2 Mile NW
AM194	CAOG11000221186	1/4 - 1/2 Mile WNW
AN195	CAOG11000221756	1/4 - 1/2 Mile NE
AJ196	CAOG11000221185	1/4 - 1/2 Mile WNW
AC197	CAOG11000219190	1/4 - 1/2 Mile NNE
AC198	CAOG11000222111	1/4 - 1/2 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AE199	CAOG11000196593	1/4 - 1/2 Mile NNW
AN200	CAOG11000221309	1/4 - 1/2 Mile NE
AH201	CAOG11000221246	1/4 - 1/2 Mile ESE
AH202	CAOG11000221247	1/4 - 1/2 Mile ESE
AK203	CAOG11000196500	1/4 - 1/2 Mile WSW
AF205	CAOG11000196622	1/4 - 1/2 Mile ENE
AF204	CAOG11000196621	1/4 - 1/2 Mile ENE
AH206	CAOG11000221248	1/4 - 1/2 Mile ESE
AO207	CAOG11000198521	1/4 - 1/2 Mile East
AO208	CAOG11000198520	1/4 - 1/2 Mile East
AN209	CAOG11000222358	1/4 - 1/2 Mile ENE
AO210	CAOG11000198519	1/4 - 1/2 Mile East
AL211	CAOG11000196490	1/4 - 1/2 Mile West
AF213	CAOG11000198549	1/4 - 1/2 Mile East
AF212	CAOG11000198548	1/4 - 1/2 Mile East
AO214	CAOG11000196655	1/4 - 1/2 Mile East
AM215	CAOG11000221228	1/4 - 1/2 Mile WNW
216	CAOG11000221135	1/4 - 1/2 Mile South
AP217	CAOG11000196673	1/4 - 1/2 Mile North
AF218	CAOG11000196623	1/4 - 1/2 Mile ENE
AI219	CAOG11000221237	1/4 - 1/2 Mile NE
AP220	CAOG11000196670	1/4 - 1/2 Mile North
AQ221	CAOG11000221283	1/4 - 1/2 Mile East
AR222	CAOG11000196455	1/4 - 1/2 Mile North
AS223	CAOG11000196492	1/4 - 1/2 Mile West
AO224	CAOG11000221288	1/4 - 1/2 Mile East
AL225	CAOG11000221097	1/4 - 1/2 Mile West
AN226	CAOG11000197116	1/4 - 1/2 Mile ENE
AS227	CAOG11000196502	1/4 - 1/2 Mile West
AS228	CAOG11000197585	1/4 - 1/2 Mile West
AR229	CAOG11000196456	1/4 - 1/2 Mile North
AP230	CAOG11000196585	1/4 - 1/2 Mile NNW
AT231	CAOG11000221234	1/4 - 1/2 Mile NE
AS232	CAOG11000196501	1/4 - 1/2 Mile West
AM233	CAOG11000221220	1/4 - 1/2 Mile WNW
AJ234	CAOG11000222189	1/4 - 1/2 Mile WNW
AQ235	CAOG11000221280	1/4 - 1/2 Mile East
AL236	CAOG11000221069	1/4 - 1/2 Mile West
AR237	CAOG11000220901	1/4 - 1/2 Mile NNE
AO238	CAOG11000221364	1/4 - 1/2 Mile East
AS239	CAOG11000196485	1/4 - 1/2 Mile West
AQ240	CAOG11000196600	1/4 - 1/2 Mile ESE
AU241	CAOG11000221363	1/4 - 1/2 Mile ENE
AV242	CAOG11000196591	1/4 - 1/2 Mile NW
AR243	CAOG11000221265	1/4 - 1/2 Mile NNE
AV244	CAOG11000221208	1/4 - 1/2 Mile NW
AW245	CAOG11000221268	1/4 - 1/2 Mile NNE
AX246	CAOG11000221197	1/4 - 1/2 Mile WNW
AQ247	CAOG11000221249	1/4 - 1/2 Mile ESE
AY248	CAOG11000221401	1/4 - 1/2 Mile NE
249	CAOG11000221089	1/4 - 1/2 Mile WSW
AU250	CAOG11000217392	1/4 - 1/2 Mile ENE
AV251	CAOG11000222365	1/4 - 1/2 Mile NW
AZ252	CAOG11000221081	1/4 - 1/2 Mile WSW
AZ253	CAOG11000221082	1/4 - 1/2 Mile WSW
AW254	CAOG11000221269	1/4 - 1/2 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AZ255	CAOG11000217427	1/4 - 1/2 Mile West
AP256	CAOG11000196672	1/4 - 1/2 Mile North
AV257	CAOG11000221209	1/4 - 1/2 Mile NNW
AV258	CAOG11000221210	1/4 - 1/2 Mile NNW
AU259	CAOG11000221310	1/4 - 1/2 Mile ENE
AT260	CAOG11000221394	1/4 - 1/2 Mile NE
BA261	CAOG11000196671	1/4 - 1/2 Mile North
AS262	CAOG11000221096	1/4 - 1/2 Mile West
AT263	CAOG11000221270	1/4 - 1/2 Mile NNE
BB264	CAOG11000221359	1/4 - 1/2 Mile East
AU265	CAOG11000218076	1/4 - 1/2 Mile ENE
BC266	CAOG11000221189	1/4 - 1/2 Mile WNW
AX267	CAOG11000221230	1/4 - 1/2 Mile WNW
AQ268	CAOG11000221286	1/4 - 1/2 Mile East
BD269	CAOG11000221285	1/4 - 1/2 Mile ESE
AS270	CAOG11000221085	1/4 - 1/2 Mile West
AT271	CAOG11000221264	1/4 - 1/2 Mile NNE
BE273	CAOG11000222360	1/4 - 1/2 Mile ENE
BE272	CAOG11000222359	1/4 - 1/2 Mile ENE
BA274	CAOG11000196457	1/4 - 1/2 Mile North
BF275	CAOG11000221361	1/4 - 1/2 Mile East
BB276	CAOG11000222082	1/4 - 1/2 Mile East
BG277	CAOG11000196434	1/4 - 1/2 Mile SSE
BH278	CAOG11000196460	1/4 - 1/2 Mile North
BA279	CAOG11000221404	1/4 - 1/2 Mile North
BD280	CAOG11000222478	1/4 - 1/2 Mile ESE
BB281	CAOG11000221281	1/4 - 1/2 Mile East
BI282	CAOG11000221226	1/4 - 1/2 Mile NW
AX283	CAOG11000221225	1/4 - 1/2 Mile WNW
BJ284	CAOG11000221100	1/2 - 1 Mile West
AZ285	CAOG11000221113	1/2 - 1 Mile WSW
AZ286	CAOG11000221090	1/2 - 1 Mile WSW
BD287	CAOG11000221284	1/2 - 1 Mile ESE
AY288	CAOG11000222103	1/2 - 1 Mile NE
289	CAOG11000220905	1/2 - 1 Mile SW
BF290	CAOG11000221251	1/2 - 1 Mile ENE
BE291	CAOG11000221298	1/2 - 1 Mile ENE
BE292	CAOG11000221299	1/2 - 1 Mile ENE
BI293	CAOG11000221211	1/2 - 1 Mile NW
AV294	CAOG11000221215	1/2 - 1 Mile NW
AX295	CAOG11000221221	1/2 - 1 Mile WNW
AW296	CAOG11000221271	1/2 - 1 Mile NNE
BD297	CAOG11000196618	1/2 - 1 Mile ESE
BE298	CAOG11000197649	1/2 - 1 Mile ENE
BK299	CAOG11000221110	1/2 - 1 Mile West
BB301	CAOG11000198518	1/2 - 1 Mile East
BB300	CAOG11000198517	1/2 - 1 Mile East
BL302	CAOG11000221191	1/2 - 1 Mile NNW
BL303	CAOG11000196668	1/2 - 1 Mile North
BB304	CAOG11000222157	1/2 - 1 Mile East
BM305	CAOG11000221245	1/2 - 1 Mile SE
BJ306	CAOG11000221084	1/2 - 1 Mile WSW
BN307	CAOG11000221326	1/2 - 1 Mile NE
BF308	CAOG11000196605	1/2 - 1 Mile East
BA309	CAOG11000196669	1/2 - 1 Mile North
BK310	CAOG11000221067	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BO311	CAOG11000221222	1/2 - 1 Mile NNW
BC312	CAOG11000221219	1/2 - 1 Mile WNW
BB313	CAOG11000198547	1/2 - 1 Mile East
BG314	CAOG11000196179	1/2 - 1 Mile SSE
BE315	CAOG11000221305	1/2 - 1 Mile ENE
BP316	CAOG11000221198	1/2 - 1 Mile WNW
BH317	CAOG11000196458	1/2 - 1 Mile North
BJ318	CAOG11000221109	1/2 - 1 Mile West
BH319	CAOG11000196461	1/2 - 1 Mile North
320	CAOG11000221227	1/2 - 1 Mile NW
BJ321	CAOG11000221070	1/2 - 1 Mile West
BM322	CAOG11000221372	1/2 - 1 Mile SE
BQ323	CAOG11000196653	1/2 - 1 Mile East
BJ324	CAOG11000221108	1/2 - 1 Mile West
BK325	CAOG11000221094	1/2 - 1 Mile West
BM326	CAOG11000196636	1/2 - 1 Mile SE
BR327	CAOG11000196178	1/2 - 1 Mile SSE
BI328	CAOG11000221216	1/2 - 1 Mile NW
BS329	CAOG11000196526	1/2 - 1 Mile SSE
BM330	CAOG11000196521	1/2 - 1 Mile SE
BT331	CAOG11000221115	1/2 - 1 Mile West
BU332	CAOG11000221282	1/2 - 1 Mile ESE
BN333	CAOG11000221055	1/2 - 1 Mile NE
BV334	CAOG11000221190	1/2 - 1 Mile WNW
BU335	CAOG11000196617	1/2 - 1 Mile ESE
BM336	CAOG11000196528	1/2 - 1 Mile SE
BV337	CAOG11000222367	1/2 - 1 Mile WNW
BP338	CAOG11000222366	1/2 - 1 Mile WNW
BQ339	CAOG11000198654	1/2 - 1 Mile East
BL340	CAOG11000221018	1/2 - 1 Mile NNW
BN341	CAOG11000221315	1/2 - 1 Mile NE
BQ342	CAOG11000221253	1/2 - 1 Mile East
BW343	CAOG11000196608	1/2 - 1 Mile NNE
BX344	CAOG11000196590	1/2 - 1 Mile NW
BQ345	CAOG11000221360	1/2 - 1 Mile East
346	CAOG11000221218	1/2 - 1 Mile NNW
BY347	CAOG11000221102	1/2 - 1 Mile WSW
BZ348	CAOG11000196519	1/2 - 1 Mile ESE
BZ349	CAOG11000196520	1/2 - 1 Mile ESE
CA350	CAOG11000220758	1/2 - 1 Mile NE
BQ351	CAOG11000196614	1/2 - 1 Mile East
CB352	CAOG11000221266	1/2 - 1 Mile NNE
BT353	CAOG11000221107	1/2 - 1 Mile West
CC354	CAOG11000221341	1/2 - 1 Mile NE
BY355	CAOG11000222138	1/2 - 1 Mile WSW
CD356	CAOG11000221263	1/2 - 1 Mile North
CE357	CAOG11000222361	1/2 - 1 Mile ENE
CE358	CAOG11000221250	1/2 - 1 Mile ENE
BQ359	CAOG11000198282	1/2 - 1 Mile East
BU360	CAOG11000196652	1/2 - 1 Mile ESE
BR361	CAOG11000196177	1/2 - 1 Mile SSE
CF362	CAOG11000196613	1/2 - 1 Mile ESE
BM363	CAOG11000196449	1/2 - 1 Mile SE
BZ365	CAOG11000221357	1/2 - 1 Mile ESE
BZ364	CAOG11000221356	1/2 - 1 Mile ESE
BP366	CAOG11000221223	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BW367	CAOG11000196459	1/2 - 1 Mile North
CD368	CAOG11000221261	1/2 - 1 Mile North
BQ369	CAOG11000221252	1/2 - 1 Mile East
CF370	CAOG11000221030	1/2 - 1 Mile ESE
BS371	CAOG11000198604	1/2 - 1 Mile SE
CG372	CAOG11000196450	1/2 - 1 Mile SE
BT373	CAOG11000221101	1/2 - 1 Mile West
BS374	CAOG11000198605	1/2 - 1 Mile SE
BZ375	CAOG11000196531	1/2 - 1 Mile SE
376	CAOG11000221303	1/2 - 1 Mile ENE
BS377	CAOG11000198606	1/2 - 1 Mile SE
BS378	CAOG11000198614	1/2 - 1 Mile SE
CE380	CAOG11000221301	1/2 - 1 Mile ENE
CE379	CAOG11000221300	1/2 - 1 Mile ENE
BO381	CAOG11000221194	1/2 - 1 Mile NNW
BS382	CAOG11000198636	1/2 - 1 Mile SE
BR383	CAOG11000196175	1/2 - 1 Mile SSE
CH384	CAOG11000221413	1/2 - 1 Mile NNE
CI385	CAOG11000198637	1/2 - 1 Mile SE
BS386	CAOG11000196525	1/2 - 1 Mile SSE
BZ387	CAOG11000196518	1/2 - 1 Mile ESE
CI388	CAOG11000198638	1/2 - 1 Mile SE
CH389	CAOG11000221414	1/2 - 1 Mile NNE
CI390	CAOG11000198643	1/2 - 1 Mile SE
CJ391	CAOG11000221086	1/2 - 1 Mile West
CF392	CAOG11000221355	1/2 - 1 Mile ESE
CI393	CAOG11000221145	1/2 - 1 Mile SE
CF394	CAOG11000196616	1/2 - 1 Mile ESE
395	CAOG11000221031	1/2 - 1 Mile South
CA396	CAOG11000196631	1/2 - 1 Mile NE
CK397	CAOG11000221213	1/2 - 1 Mile NW
BU398	CAOG11000196612	1/2 - 1 Mile East
BU399	CAOG11000221017	1/2 - 1 Mile East
BR400	CAOG11000196176	1/2 - 1 Mile SSE
BX401	CAOG11000198439	1/2 - 1 Mile WNW
402	CAOG11000221214	1/2 - 1 Mile NW
BQ403	CAOG11000196624	1/2 - 1 Mile East
BX404	CAOG11000198438	1/2 - 1 Mile WNW
BT405	CAOG11000221104	1/2 - 1 Mile West
BX406	CAOG11000198437	1/2 - 1 Mile WNW
BX407	CAOG11000198436	1/2 - 1 Mile NW
408	CAOG11000196598	1/2 - 1 Mile WNW
CL409	CAOG11000221078	1/2 - 1 Mile West
BS410	CAOG11000196524	1/2 - 1 Mile SE
411	CAOG11000221217	1/2 - 1 Mile WNW
CL412	CAOG11000221071	1/2 - 1 Mile West
BZ413	CAOG11000195398	1/2 - 1 Mile ESE
CM414	CAOG11000196611	1/2 - 1 Mile East
CB415	CAOG11000221267	1/2 - 1 Mile NNE
CF417	CAOG11000196620	1/2 - 1 Mile ESE
CF416	CAOG11000196619	1/2 - 1 Mile ESE
CG418	CAOG11000196448	1/2 - 1 Mile SE
CI419	CAOG11000196522	1/2 - 1 Mile SE
CL420	CAOG11000221116	1/2 - 1 Mile West
BT421	CAOG11000222140	1/2 - 1 Mile West
CN422	CAOG11000221292	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
423	CAOG11000221020	1/2 - 1 Mile NNW
CF424	CAOG11000196650	1/2 - 1 Mile ESE
CF425	CAOG11000196651	1/2 - 1 Mile ESE
CL426	CAOG11000221073	1/2 - 1 Mile West
CF427	CAOG11000221344	1/2 - 1 Mile ESE
CM428	CAOG11000221353	1/2 - 1 Mile ESE
CM429	CAOG11000221014	1/2 - 1 Mile East
CM430	CAOG11000221350	1/2 - 1 Mile ESE
CN431	CAOG11000221296	1/2 - 1 Mile East
CO432	CAOG11000221262	1/2 - 1 Mile North
CE433	CAOG11000221291	1/2 - 1 Mile ENE
CC434	CAOG11000196632	1/2 - 1 Mile NE
CP435	CAOG11000196527	1/2 - 1 Mile SSE
CQ436	CAOG11000222155	1/2 - 1 Mile ENE
CQ437	CAOG11000222156	1/2 - 1 Mile ENE
CM438	CAOG11000196610	1/2 - 1 Mile East
CH439	CAOG11000221342	1/2 - 1 Mile NE
CG440	CAOG11000196529	1/2 - 1 Mile SE
CF441	CAOG11000196646	1/2 - 1 Mile ESE
CM442	CAOG11000221016	1/2 - 1 Mile East
CR443	CAOG11000221036	1/2 - 1 Mile SE
CP444	CAOG11000196523	1/2 - 1 Mile SSE
CP445	CAOG11000195115	1/2 - 1 Mile SSE
CP446	CAOG11000221143	1/2 - 1 Mile SSE
CQ447	CAOG11000221302	1/2 - 1 Mile ENE
CN448	CAOG11000221297	1/2 - 1 Mile ENE
CS449	CAOG11000221204	1/2 - 1 Mile WNW
CT450	CAOG11000221180	1/2 - 1 Mile ENE
CM451	CAOG11000221013	1/2 - 1 Mile East
CM452	CAOG11000221351	1/2 - 1 Mile East
CT453	CAOG11000221183	1/2 - 1 Mile ENE
CU454	CAOG11000196530	1/2 - 1 Mile SE
CI455	CAOG11000196182	1/2 - 1 Mile SE
CN456	CAOG11000222112	1/2 - 1 Mile East
CO457	CAOG11000221019	1/2 - 1 Mile NNW
CV458	CAOG11000196609	1/2 - 1 Mile East
CK459	CAOG11000196597	1/2 - 1 Mile NW
CU460	CAOG11000195397	1/2 - 1 Mile ESE
CJ461	CAOG11000221075	1/2 - 1 Mile West
CP462	CAOG11000196515	1/2 - 1 Mile SSE
CN463	CAOG11000221015	1/2 - 1 Mile East
464	CAOG11000196274	1/2 - 1 Mile NNE
CW465	CAOG11000221037	1/2 - 1 Mile SE
CM466	CAOG11000221348	1/2 - 1 Mile East
CL467	CAOG11000221124	1/2 - 1 Mile West
CU468	CAOG11000221035	1/2 - 1 Mile SE
CX469	CAOG11000196438	1/2 - 1 Mile ESE
CS470	CAOG11000221193	1/2 - 1 Mile WNW
471	CAOG11000221321	1/2 - 1 Mile NE
CS472	CAOG11000221384	1/2 - 1 Mile West
CY473	CAOG11000221076	1/2 - 1 Mile WSW
CU474	CAOG11000221260	1/2 - 1 Mile ESE
CV475	CAOG11000221295	1/2 - 1 Mile East
CN476	CAOG11000221274	1/2 - 1 Mile East
CZ477	CAOG11000196633	1/2 - 1 Mile NE
DA478	CAOG11000221388	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
CJ479	CAOG11000221050	1/2 - 1 Mile SE
CX480	CAOG11000221354	1/2 - 1 Mile East
DB481	CAOG11000221188	1/2 - 1 Mile WNW
482	CAOG11000221046	1/2 - 1 Mile SSW
DC483	CAOG11000196440	1/2 - 1 Mile ESE
CJ484	CAOG11000196445	1/2 - 1 Mile ESE
DB485	CAOG11000221057	1/2 - 1 Mile WNW
DD486	CAOG11000221123	1/2 - 1 Mile West
DE487	CAOG11000221294	1/2 - 1 Mile ENE
CR488	CAOG11000217414	1/2 - 1 Mile SE
DB489	CAOG11000221059	1/2 - 1 Mile WNW
CQ490	CAOG11000221181	1/2 - 1 Mile ENE
CW491	CAOG11000196446	1/2 - 1 Mile SE
CY492	CAOG11000221122	1/2 - 1 Mile West
DE493	CAOG11000221275	1/2 - 1 Mile East
494	CAOG11000221060	1/2 - 1 Mile NW
DF495	CAOG11000196180	1/2 - 1 Mile SSE
DF496	CAOG11000196181	1/2 - 1 Mile SSE
DC497	CAOG11000196444	1/2 - 1 Mile ESE
CV498	CAOG11000221293	1/2 - 1 Mile East
CY499	CAOG11000220906	1/2 - 1 Mile West
DG500	CAOG11000221352	1/2 - 1 Mile East
DC501	CAOG11000221034	1/2 - 1 Mile ESE
DG502	CAOG11000221349	1/2 - 1 Mile East
DH503	CAOG11000194041	1/2 - 1 Mile SE
DI504	CAOG11000221201	1/2 - 1 Mile WNW
DJ505	CAOG11000196439	1/2 - 1 Mile East
DK506	CAOG11000220797	1/2 - 1 Mile ENE
DK507	CAOG11000221024	1/2 - 1 Mile ENE
DE508	CAOG11000221273	1/2 - 1 Mile ENE
CZ509	CAOG11000196634	1/2 - 1 Mile NE
DE510	CAOG11000221276	1/2 - 1 Mile East
DD511	CAOG11000221129	1/2 - 1 Mile West
512	CAOG11000196465	1/2 - 1 Mile NNE
DL513	CAOG11000221775	1/2 - 1 Mile NNW
DJ514	CAOG11000196441	1/2 - 1 Mile ESE
515	CAOG11000196514	1/2 - 1 Mile SSE
DM516	CAOG11000196463	1/2 - 1 Mile NE
DL517	CAOG11000221325	1/2 - 1 Mile NNW
DE518	CAOG11000305064	1/2 - 1 Mile ENE
DH519	CAOG11000197117	1/2 - 1 Mile SE
DN520	CAOG11000196635	1/2 - 1 Mile ESE
DA521	CAOG11000221127	1/2 - 1 Mile West
DK522	CAOG11000220796	1/2 - 1 Mile NE
DO523	CAOG11000196447	1/2 - 1 Mile SE
DG524	CAOG11000221408	1/2 - 1 Mile East
DD525	CAOG11000221125	1/2 - 1 Mile West
DE526	CAOG11000198247	1/2 - 1 Mile East
DP527	CAOG11000221195	1/2 - 1 Mile WNW
528	CAOG11000221027	1/2 - 1 Mile SSE
DG529	CAOG11000221409	1/2 - 1 Mile East
DQ530	CAOG11000196442	1/2 - 1 Mile ESE
531	CAOG11000220900	1/2 - 1 Mile North
DI532	CAOG11000221206	1/2 - 1 Mile WNW
533	CAOG11000221147	1/2 - 1 Mile South
534	CAOG11000196407	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
DL535	CAOG11000221138	1/2 - 1 Mile NNW
DP536	CAOG11000221058	1/2 - 1 Mile WNW
DJ538	CAOG11000196679	1/2 - 1 Mile East
DJ537	CAOG11000196678	1/2 - 1 Mile East
539	CAOG11000221171	1/2 - 1 Mile NNE
DJ540	CAOG11000198009	1/2 - 1 Mile ESE
DJ541	CAOG11000198008	1/2 - 1 Mile ESE
542	CAOG11000221212	1/2 - 1 Mile WNW
DH543	CAOG11000196451	1/2 - 1 Mile SE
DJ544	CAOG11000198010	1/2 - 1 Mile ESE
DJ545	CAOG11000198014	1/2 - 1 Mile ESE
DJ546	CAOG11000198015	1/2 - 1 Mile ESE
DJ547	CAOG11000196676	1/2 - 1 Mile East
DQ548	CAOG11000196443	1/2 - 1 Mile ESE
549	CAOG11000221184	1/2 - 1 Mile NW
DJ550	CAOG11000198016	1/2 - 1 Mile ESE
DQ551	CAOG11000198321	1/2 - 1 Mile ESE
DJ552	CAOG11000198012	1/2 - 1 Mile ESE
DF554	CAOG11000196517	1/2 - 1 Mile SSE
DF553	CAOG11000196516	1/2 - 1 Mile SSE
DJ555	CAOG11000198011	1/2 - 1 Mile ESE
DR556	CAOG11000221182	1/2 - 1 Mile ENE
DJ557	CAOG11000198013	1/2 - 1 Mile ESE
DS558	CAOG11000221061	1/2 - 1 Mile NW
DT559	CAOG11000220794	1/2 - 1 Mile NE
DM560	CAOG11000196462	1/2 - 1 Mile NE
561	CAOG11000221142	1/2 - 1 Mile SSW
DJ562	CAOG11000221415	1/2 - 1 Mile ESE
DQ563	CAOG11000196556	1/2 - 1 Mile ESE
DU564	CAOG11000196453	1/2 - 1 Mile SE
DI565	CAOG11000221202	1/2 - 1 Mile WNW
DM566	CAOG11000221312	1/2 - 1 Mile NE
DO567	CAOG11000196562	1/2 - 1 Mile SE
DQ568	CAOG11000196682	1/2 - 1 Mile ESE
DV569	CAOG11000220907	1/2 - 1 Mile ENE
DQ570	CAOG11000196681	1/2 - 1 Mile ESE
DR571	CAOG11000221333	1/2 - 1 Mile ENE
DN573	CAOG11000196437	1/2 - 1 Mile ESE
DN572	CAOG11000196436	1/2 - 1 Mile ESE
DV574	CAOG11000220908	1/2 - 1 Mile ENE
DS575	CAOG11000221386	1/2 - 1 Mile NW
576	CAOG11000217742	1/2 - 1 Mile West
DU577	CAOG11000196435	1/2 - 1 Mile SE
DN578	CAOG11000221032	1/2 - 1 Mile ESE
579	CAOG11000221052	1/2 - 1 Mile West
DU580	CAOG11000196452	1/2 - 1 Mile SE
DR581	CAOG11000221012	1/2 - 1 Mile ENE
DW583	CAOG11000196648	1/2 - 1 Mile SE
DW582	CAOG11000196647	1/2 - 1 Mile SE
DX584	CAOG11000221368	1/2 - 1 Mile ESE
585	CAOG11000196464	1/2 - 1 Mile NE
DX586	CAOG11000221381	1/2 - 1 Mile ESE
DR587	CAOG11000220909	1/2 - 1 Mile ENE
588	CAOG11000196683	1/2 - 1 Mile ESE
DY589	CAOG11000220798	1/2 - 1 Mile ENE
DX590	CAOG11000221304	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

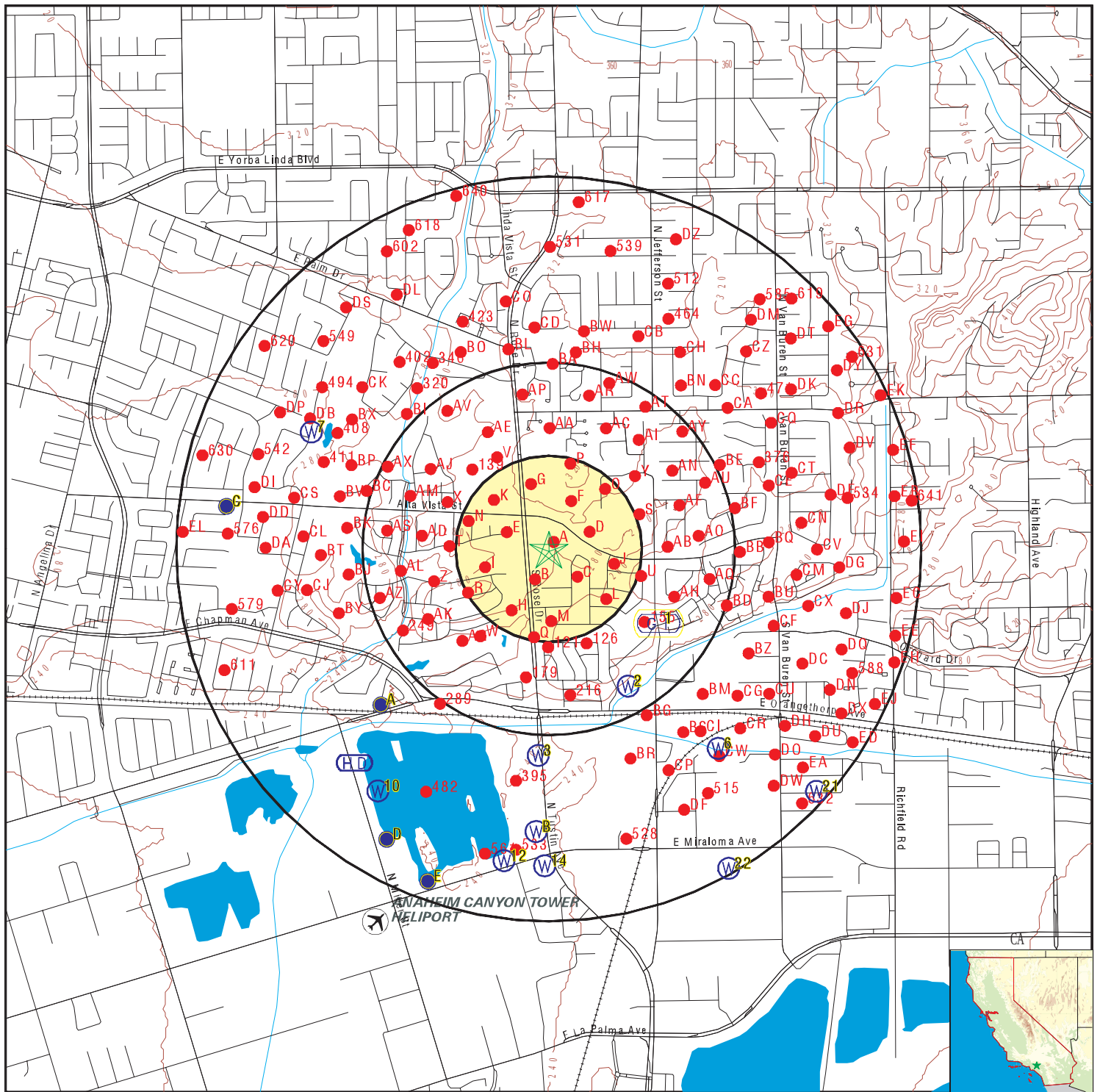
MAP ID	WELL ID	LOCATION FROM TP
DZ591	CAOG11000221272	1/2 - 1 Mile NNE
DT592	CAOG11000220799	1/2 - 1 Mile NE
DX593	CAOG11000221047	1/2 - 1 Mile ESE
DW594	CAOG11000196564	1/2 - 1 Mile SE
EA595	CAOG11000196563	1/2 - 1 Mile SE
DZ596	CAOG11000222102	1/2 - 1 Mile NNE
DX597	CAOG11000221327	1/2 - 1 Mile ESE
DU599	CAOG11000221177	1/2 - 1 Mile SE
DU598	CAOG11000221176	1/2 - 1 Mile SE
EA600	CAOG11000196557	1/2 - 1 Mile SE
EB601	CAOG11000221314	1/2 - 1 Mile East
602	CAOG11000221045	1/2 - 1 Mile NNW
DZ603	CAOG11000221051	1/2 - 1 Mile NNE
EC604	CAOG11000196677	1/2 - 1 Mile East
DX605	CAOG11000221175	1/2 - 1 Mile ESE
DX606	CAOG11000196558	1/2 - 1 Mile ESE
DY607	CAOG11000220795	1/2 - 1 Mile NE
DY608	CAOG11000221777	1/2 - 1 Mile ENE
ED609	CAOG11000221038	1/2 - 1 Mile ESE
EE610	CAOG11000196684	1/2 - 1 Mile ESE
611	CAOG11000221121	1/2 - 1 Mile WSW
DX612	CAOG11000196639	1/2 - 1 Mile ESE
DX613	CAOG11000196640	1/2 - 1 Mile ESE
DY614	CAOG11000221776	1/2 - 1 Mile ENE
EF615	CAOG11000221780	1/2 - 1 Mile ENE
EG616	CAOG11000221311	1/2 - 1 Mile NE
617	CAOG11000221340	1/2 - 1 Mile North
618	CAOG11000220899	1/2 - 1 Mile NNW
619	CAOG11000220800	1/2 - 1 Mile NE
620	CAOG11000221131	1/2 - 1 Mile NW
EH621	CAOG11000196680	1/2 - 1 Mile ESE
EC622	CAOG11000196566	1/2 - 1 Mile East
EC623	CAOG11000196565	1/2 - 1 Mile East
EI624	CAOG11000221366	1/2 - 1 Mile East
EH625	CAOG11000221412	1/2 - 1 Mile ESE
EB626	CAOG11000221778	1/2 - 1 Mile East
EB627	CAOG11000221043	1/2 - 1 Mile East
EI628	CAOG11000221338	1/2 - 1 Mile East
ED629	CAOG11000221033	1/2 - 1 Mile ESE
630	CAOG11000221231	1/2 - 1 Mile WNW
631	CAOG11000221332	1/2 - 1 Mile ENE
632	CAOG11000221174	1/2 - 1 Mile SE
EE633	CAOG11000196545	1/2 - 1 Mile ESE
EC634	CAOG11000196546	1/2 - 1 Mile ESE
EJ635	CAOG11000221411	1/2 - 1 Mile ESE
EK636	CAOG11000196643	1/2 - 1 Mile ENE
EJ637	CAOG11000196559	1/2 - 1 Mile ESE
ED638	CAOG11000196641	1/2 - 1 Mile ESE
ED639	CAOG11000196642	1/2 - 1 Mile ESE
640	CAOG11000221317	1/2 - 1 Mile NNW
641	CAOG11000221044	1/2 - 1 Mile East
EL642	CAOG11000221126	1/2 - 1 Mile West
EE643	CAOG11000196547	1/2 - 1 Mile ESE
ED645	CAOG11000196638	1/2 - 1 Mile SE
ED644	CAOG11000196637	1/2 - 1 Mile SE
EL646	CAOG11000221128	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
EG647	CAOG11000196644	1/2 - 1 Mile NE
EF648	CAOG11000221330	1/2 - 1 Mile ENE
EK649	CAOG11000221782	1/2 - 1 Mile ENE
EH650	CAOG11000221159	1/2 - 1 Mile ESE
EH651	CAOG11000196548	1/2 - 1 Mile ESE
EH652	CAOG11000198322	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 04968502.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: SE Corner of Rose Drive & Alta Vista Street
 ADDRESS: SE Corner of Rose Drive & Alta Vista Street
 Placentia CA 92870
 LAT/LONG: 33.874451 / 117.84211

CLIENT: SCS Engineers
 CONTACT: Kim Braun
 INQUIRY #: 04968502.2r
 DATE: June 15, 2017 8:01 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SE
1/4 - 1/2 Mile
Higher

Site ID: 083001327T
Groundwater Flow: Not Reported
Shallow Water Depth: 55
Deep Water Depth: Not Reported
Average Water Depth: Not Reported
Date: 09/22/1993

AQUIFLOW 67199

2
SSE
1/4 - 1/2 Mile
Lower

Objectid: 302
Latitude: 33.8691
Longitude: -117.8384
Site code: 338691N1178384W001
State well numbe: 03S09W32G001S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000000302

CA WELLS CADW60000000302

3
South
1/2 - 1 Mile
Lower

Objectid: 1503
Latitude: 33.8664
Longitude: -117.8426
Site code: 338664N1178426W001
State well numbe: 03S09W32K007S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW600000001503

CA WELLS CADW600000001503

A4
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000138679

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335206117505501		
Monloc name:	003S009W32F001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.8683484
Longitude:	-117.8495022	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	229.40
Vert measure units:	feet	Vertacc measure val:	.10
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19260101	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	394
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1974-04-29	99.50	

A5
SW
1/2 - 1 Mile
Lower

CA WELLS CADW60000018515

Objectid:	18515
Latitude:	33.8684
Longitude:	-117.8504
Site code:	338684N1178504W001
State well numbe:	03S09W32F001S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	30
County name:	Orange
Basin code:	'8-1'
Basin desc:	Coastal Plain Of Orange County
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000018515

6
SE
1/2 - 1 Mile
Lower

CA WELLS 6136

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	05S/09W-17B01 S	User ID:	TEE
FRDS Number:	3010038031	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	335200.0 1175000.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 31		
System Number:	3010038		
System Name:	City of Santa Ana		
Organization That Operates System:	220 S. DAISY AVE., BLDG. A SANTA ANA, CA 92703		
Pop Served:	293700	Connections:	43613
Area Served:	CITY OF SANTA ANA		
Sample Collected:	24-JAN-11	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	29-MAR-11	Findings:	17.49 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	29-MAR-11	Findings:	3950. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	17-MAY-11	Findings:	15.1 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	17-MAY-11	Findings:	3420. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	16-AUG-11	Findings:	16.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-AUG-11	Findings:	3770. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	15-NOV-11	Findings:	14.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	15-NOV-11	Findings:	3310. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	17-JAN-12	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-FEB-12	Findings:	13.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-FEB-12	Findings:	3080. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	17-APR-12	Findings:	14. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-MAY-12	Findings:	14.3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-MAY-12	Findings:	3230. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	17-JUL-12	Findings:	12. MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	21-AUG-12	Findings:	13.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	21-AUG-12	Findings:	3050. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	15-NOV-12	Findings:	15.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	15-NOV-12	Findings:	3490. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	15-JAN-13	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	19-FEB-13	Findings:	12.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	19-FEB-13	Findings:	2860. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05-JUN-13	Findings:	16.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-JUN-13	Findings:	3810. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	16-JUL-13	Findings:	14. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	21-AUG-13	Findings:	782. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	21-AUG-13	Findings:	7.9
Chemical:	PH, LABORATORY		
Sample Collected:	21-AUG-13	Findings:	172. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	21-AUG-13	Findings:	172. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	21-AUG-13	Findings:	0.32 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	21-AUG-13	Findings:	272. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	21-AUG-13	Findings:	80.3 MG/L
Chemical:	CALCIUM		
Sample Collected:	21-AUG-13	Findings:	17.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	21-AUG-13	Findings:	50. MG/L
Chemical:	SODIUM		
Sample Collected:	21-AUG-13	Findings:	1.7 MG/L
Chemical:	POTASSIUM		
Sample Collected:	21-AUG-13	Findings:	63.1 MG/L
Chemical:	CHLORIDE		
Sample Collected:	21-AUG-13	Findings:	113. MG/L
Chemical:	SULFATE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	21-AUG-13	Findings:	0.16 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	21-AUG-13	Findings:	476. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	21-AUG-13	Findings:	13.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	21-AUG-13	Findings:	0.2 MG/L
Chemical:	BROMIDE		
Sample Collected:	21-AUG-13	Findings:	3080. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	15-OCT-13	Findings:	15. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	26-NOV-13	Findings:	13.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	26-NOV-13	Findings:	3050. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11-MAR-14	Findings:	19.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11-MAR-14	Findings:	4480. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11-MAR-14	Findings:	0.998 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11-MAR-14	Findings:	0.516 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	11-MAR-14	Findings:	0.66 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	11-MAR-14	Findings:	1.11 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	11-MAR-14	Findings:	0.3 PCI/L
Chemical:	URANIUM MDA95		
Sample Collected:	11-MAR-14	Findings:	0.253 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	11-MAR-14	Findings:	3.4e-002 PCI/L
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Sample Collected:	11-MAR-14	Findings:	0.115 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		
Sample Collected:	11-MAR-14	Findings:	0.418 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Sample Collected:	08-APR-14	Findings:	14. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	20-MAY-14	Findings:	13.3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	20-MAY-14	Findings:	3010. MG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	15-JUL-14	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	20-AUG-14	Findings:	14.55 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	20-AUG-14	Findings:	3290. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	16-OCT-14	Findings:	16. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-JAN-15	Findings:	14. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	24-FEB-15	Findings:	13.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	24-FEB-15	Findings:	3120. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	21-APR-15	Findings:	14. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	14-JUL-15	Findings:	15. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-OCT-15	Findings:	14. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12-JAN-16	Findings:	3.5 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	16-FEB-16	Findings:	2.83 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	16-FEB-16	Findings:	2.83 MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12-APR-16	Findings:	2.9 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	22-JUN-16	Findings:	761. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	22-JUN-16	Findings:	7.6
Chemical:	PH, LABORATORY		
Sample Collected:	22-JUN-16	Findings:	173. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	22-JUN-16	Findings:	211. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	22-JUN-16	Findings:	2.8 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	22-JUN-16	Findings:	278. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	22-JUN-16	Findings:	82.4 MG/L
Chemical:	CALCIUM		
Sample Collected:	22-JUN-16	Findings:	17.7 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	22-JUN-16	Findings:	51.5 MG/L
Chemical:	SODIUM		
Sample Collected:	22-JUN-16	Findings:	1.9 MG/L
Chemical:	POTASSIUM		
Sample Collected:	22-JUN-16	Findings:	65.4 MG/L
Chemical:	CHLORIDE		
Sample Collected:	22-JUN-16	Findings:	111. MG/L
Chemical:	SULFATE		
Sample Collected:	22-JUN-16	Findings:	0.18 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	22-JUN-16	Findings:	488. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	22-JUN-16	Findings:	2.8 MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	19-JUL-16	Findings:	2.9 MG/L
Chemical:	NITRATE (AS N)		

7

WNW
1/2 - 1 Mile
Lower

CA WELLS

CADW60000018513

Objectid: 18513
Latitude: 33.879
Longitude: -117.8532
Site code: 338790N1178532W001
State well numbe: 03S09W29N001S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000018513

B8

South
1/2 - 1 Mile
Lower

CA WELLS

CADW60000018517

Objectid: 18517
Latitude: 33.8638
Longitude: -117.843
Site code: 338638N1178430W001
State well numbe: 03S09W32K008S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000018517

B9
South
1/2 - 1 Mile
Lower

CA WELLS CADW60000001502

Objectid: 1502
Latitude: 33.8636
Longitude: -117.8425
Site code: 338636N1178425W001
State well numbe: 03S09W32K001S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000001502

10
SW
1/2 - 1 Mile
Lower

CA WELLS 3796

Water System Information:

Prime Station Code:	03S/09W-32M01 S	User ID:	TEE
FRDS Number:	3010001037	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	335154.2 1175057.1	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 044		
System Number:	3010001		
System Name:	City of Anaheim		
Organization That Operates System:	P.O. BOX 3222 (#559) ANAHEIM, CA 92805		
Pop Served:	292900	Connections:	57397
Area Served:	ANAHEIM		
Sample Collected:	07-APR-11	Findings:	8.15 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-APR-11	Findings:	0.9 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07-APR-11	Findings:	1840. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07-JUL-11	Findings:	1100. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-JUL-11	Findings:	7.8
Chemical:	PH, LABORATORY		
Sample Collected:	07-JUL-11	Findings:	189. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	07-JUL-11	Findings:	231. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07-JUL-11	Findings:	0.63 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07-JUL-11	Findings:	353. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	07-JUL-11	Findings:	106. MG/L
Chemical:	CALCIUM		
Sample Collected:	07-JUL-11	Findings:	21.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07-JUL-11	Findings:	88. MG/L
Chemical:	SODIUM		
Sample Collected:	07-JUL-11	Findings:	4.8 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07-JUL-11	Findings:	107. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07-JUL-11	Findings:	178. MG/L
Chemical:	SULFATE		
Sample Collected:	07-JUL-11	Findings:	0.4 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	07-JUL-11	Findings:	210. UG/L
Chemical:	BORON		
Sample Collected:	07-JUL-11	Findings:	716. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07-JUL-11	Findings:	8.8 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07-JUL-11	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07-JUL-11	Findings:	0.19 MG/L
Chemical:	BROMIDE		
Sample Collected:	07-JUL-11	Findings:	1990. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07-JUL-11	Findings:	6.79 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07-JUL-11	Findings:	1.58 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07-JUL-11	Findings:	7.42 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	07-JUL-11	Findings:	0.95 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	13-JUL-11	Findings:	0.7 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	13-JUL-11	Findings:	0.6 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04-OCT-11	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05-JAN-12	Findings:	0.8 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05-APR-12	Findings:	8.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-APR-12	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05-APR-12	Findings:	1970. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10-JUL-12	Findings:	0.7 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02-OCT-12	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	16-JAN-13	Findings:	0.7 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-MAY-13	Findings:	8.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-MAY-13	Findings:	0.2 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01-MAY-13	Findings:	0.7 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-MAY-13	Findings:	2010. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01-MAY-13	Findings:	0.2 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01-JUL-13	Findings:	0.7 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-OCT-13	Findings:	0.2 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	01-OCT-13	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	21-JAN-14	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-APR-14	Findings:	1060. US
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01-APR-14	Findings:	7.7
Chemical:	PH, LABORATORY		
Sample Collected:	01-APR-14	Findings:	198. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	01-APR-14	Findings:	198. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01-APR-14	Findings:	0.58 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01-APR-14	Findings:	337. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	01-APR-14	Findings:	100. MG/L
Chemical:	CALCIUM		
Sample Collected:	01-APR-14	Findings:	21. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01-APR-14	Findings:	93.3 MG/L
Chemical:	SODIUM		
Sample Collected:	01-APR-14	Findings:	4.9 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01-APR-14	Findings:	115. MG/L
Chemical:	CHLORIDE		
Sample Collected:	01-APR-14	Findings:	163. MG/L
Chemical:	SULFATE		
Sample Collected:	01-APR-14	Findings:	0.43 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	01-APR-14	Findings:	240. UG/L
Chemical:	BORON		
Sample Collected:	01-APR-14	Findings:	636. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-APR-14	Findings:	8.7 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01-APR-14	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-APR-14	Findings:	0.27 MG/L
Chemical:	BROMIDE		
Sample Collected:	01-APR-14	Findings:	1970. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01-JUL-14	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-JUL-14	Findings:	4.2 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01-JUL-14	Findings:	1.72 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01-JUL-14	Findings:	0.459 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01-JUL-14	Findings:	2.66 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	01-JUL-14	Findings:	0.888 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01-JUL-14	Findings:	1.11 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	01-JUL-14	Findings:	0.3 PCI/L
Chemical:	URANIUM MDA95		
Sample Collected:	01-JUL-14	Findings:	0.253 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	01-JUL-14	Findings:	0.168 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		
Sample Collected:	01-JUL-14	Findings:	0.418 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Sample Collected:	01-OCT-14	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06-JAN-15	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	13-AUG-15	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-OCT-15	Findings:	0.9 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04-JAN-16	Findings:	0.8 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11-APR-16	Findings:	0.7 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11-JUL-16	Findings:	1.15 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	11-JUL-16	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11-JUL-16	Findings:	1.15 MG/L
Chemical:	NITRATE + NITRITE (AS N)		

B11
South
1/2 - 1 Mile
Lower

CA WELLS CADW60000018516

Objectid:	18516
Latitude:	33.8629
Longitude:	-117.8426
Site code:	338629N1178426W001
State well numbe:	03S09W32K006S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	30
County name:	Orange

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000018516

12
South
1/2 - 1 Mile
Lower

CA WELLS CADW60000001610

Objectid: 1610
Latitude: 33.8623
Longitude: -117.8442
Site code: 338623N1178442W001
State well numbe: 03S09W32Q010S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000001610

C13
West
1/2 - 1 Mile
Lower

FED USGS USGS40000138734

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335234117512101		
Monloc name:	003S009W30R001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.876126
Longitude:	-117.8567248	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	262.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	200
Welldepth units:	ft	Wellholeddepth:	200
Wellholeddepth units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1977-01-13	85.70	

14
South
1/2 - 1 Mile
Lower

CA WELLS

CADW60000018519

Objectid: 18519
Latitude: 33.8621
Longitude: -117.8423
Site code: 338621N1178423W001
State well numbe: 03S09W32Q003S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000018519

D15
SSW
1/2 - 1 Mile
Lower

CA WELLS

3795

Water System Information:

Prime Station Code:	03S/09W-32L01 S	User ID:	TEE
FRDS Number:	3010001036	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	335147.8 1175054.8	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 043		
System Number:	3010001		
System Name:	City of Anaheim		
Organization That Operates System:	P.O. BOX 3222 (#559) ANAHEIM, CA 92805		
Pop Served:	292900	Connections:	57397
Area Served:	ANAHEIM		
Sample Collected:	10-JUL-12	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02-OCT-12	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	16-JAN-13	Findings:	0.5 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01-MAY-13	Findings:	10.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-MAY-13	Findings:	1.3 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-MAY-13	Findings:	2410. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	17-JUN-13	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	17-JUN-13	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-JUL-13	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-OCT-13	Findings:	0.5 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	21-JAN-14	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-APR-14	Findings:	1040. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01-APR-14	Findings:	7.7
Chemical:	PH, LABORATORY		
Sample Collected:	01-APR-14	Findings:	200. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	01-APR-14	Findings:	200. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01-APR-14	Findings:	0.55 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01-APR-14	Findings:	328. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	01-APR-14	Findings:	101. MG/L
Chemical:	CALCIUM		
Sample Collected:	01-APR-14	Findings:	18.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01-APR-14	Findings:	89.1 MG/L
Chemical:	SODIUM		
Sample Collected:	01-APR-14	Findings:	4.5 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01-APR-14	Findings:	110. MG/L
Chemical:	CHLORIDE		
Sample Collected:	01-APR-14	Findings:	158. MG/L
Chemical:	SULFATE		
Sample Collected:	01-APR-14	Findings:	0.41 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	01-APR-14	Findings:	240. UG/L
Chemical:	BORON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01-APR-14	Findings:	3.2 UG/L
Chemical:	VANADIUM		
Sample Collected:	01-APR-14	Findings:	632. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-APR-14	Findings:	10.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-APR-14	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-APR-14	Findings:	0.28 MG/L
Chemical:	BROMIDE		
Sample Collected:	01-APR-14	Findings:	2360. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01-JUL-14	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01-JUL-14	Findings:	4.33 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01-JUL-14	Findings:	1.74 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01-JUL-14	Findings:	0.388 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	01-JUL-14	Findings:	4.54 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	01-JUL-14	Findings:	1.14 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01-JUL-14	Findings:	1.11 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	01-JUL-14	Findings:	0.3 PCI/L
Chemical:	URANIUM MDA95		
Sample Collected:	01-JUL-14	Findings:	0.2 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	01-JUL-14	Findings:	3.9e-002 PCI/L
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Sample Collected:	01-JUL-14	Findings:	0.226 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		
Sample Collected:	01-JUL-14	Findings:	0.418 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Sample Collected:	09-APR-15	Findings:	8.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-APR-15	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09-APR-15	Findings:	2010. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01-OCT-15	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04-JAN-16	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11-APR-16	Findings:	1.56 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	11-APR-16	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11-APR-16	Findings:	1.56 MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07-JUL-11	Findings:	10.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-JUL-11	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07-JUL-11	Findings:	0.18 MG/L
Chemical:	BROMIDE		
Sample Collected:	07-JUL-11	Findings:	2350. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07-JUL-11	Findings:	7.48 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07-JUL-11	Findings:	1.66 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07-JUL-11	Findings:	7.77 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	07-JUL-11	Findings:	0.98 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	13-JUL-11	Findings:	0.3 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	13-JUL-11	Findings:	0.4 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04-OCT-11	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05-JAN-12	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05-APR-12	Findings:	10.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-APR-12	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05-APR-12	Findings:	2400. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04-JAN-11	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	19-JAN-11	Findings:	0.5 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	19-JAN-11	Findings:	0.6 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07-APR-11	Findings:	11.08 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-APR-11	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07-APR-11	Findings:	2500. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07-JUL-11	Findings:	1070. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-JUL-11	Findings:	7.9
Chemical:	PH, LABORATORY		
Sample Collected:	07-JUL-11	Findings:	194. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07-JUL-11	Findings:	236. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07-JUL-11	Findings:	0.54 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07-JUL-11	Findings:	343. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07-JUL-11	Findings:	106. MG/L
Chemical:	CALCIUM		
Sample Collected:	07-JUL-11	Findings:	19.1 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07-JUL-11	Findings:	86.2 MG/L
Chemical:	SODIUM		
Sample Collected:	07-JUL-11	Findings:	4.6 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07-JUL-11	Findings:	104. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07-JUL-11	Findings:	161. MG/L
Chemical:	SULFATE		
Sample Collected:	07-JUL-11	Findings:	0.39 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	07-JUL-11	Findings:	220. UG/L
Chemical:	BORON		
Sample Collected:	07-JUL-11	Findings:	3.5 UG/L
Chemical:	VANADIUM		
Sample Collected:	07-JUL-11	Findings:	632. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

C16
West
1/2 - 1 Mile
Lower

CA WELLS CADW60000001472

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 1472
 Latitude: 33.8761
 Longitude: -117.8576
 Site code: 338761N1178576W001
 State well numbe: 03S09W30R001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 30
 County name: Orange
 Basin code: '8-1'
 Basin desc: Coastal Plain Of Orange County
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000001472

D17
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000138657

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335148117510101		
Monloc name:	003S009W32L001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.8632028
Longitude:	-117.8501694	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	234
Vert measure units:	feet	Vertacc measure val:	12
Vert accmeasure units:	feet		
Vertcollection method:	Reported		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Alluvium		
Aquifer type:	Unconfined single aquifer		
Construction date:	19870502	Welldepth:	1230
Welldepth units:	ft	Wellholedepth:	1400
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-06-03	129.00		1999-04-22	118.86	

E18
SSW
1/2 - 1 Mile
Lower

CA WELLS 3799

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	03S/09W-32P05 S	User ID:	TEE
FRDS Number:	3010001035	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	335142.3 1175049.2	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 042		
System Number:	3010001		
System Name:	City of Anaheim		
Organization That Operates System:	P.O. BOX 3222 (#559) ANAHEIM, CA 92805		
Pop Served:	292900	Connections:	57397
Area Served:	ANAHEIM		
Sample Collected:	07-APR-11	Findings:	15.25 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-APR-11	Findings:	3440. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07-JUL-11	Findings:	1040. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-JUL-11	Findings:	7.9
Chemical:	PH, LABORATORY		
Sample Collected:	07-JUL-11	Findings:	196. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07-JUL-11	Findings:	196. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07-JUL-11	Findings:	0.67 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	07-JUL-11	Findings:	344. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07-JUL-11	Findings:	106. MG/L
Chemical:	CALCIUM		
Sample Collected:	07-JUL-11	Findings:	19.2 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07-JUL-11	Findings:	76.9 MG/L
Chemical:	SODIUM		
Sample Collected:	07-JUL-11	Findings:	4.3 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07-JUL-11	Findings:	104. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07-JUL-11	Findings:	142. MG/L
Chemical:	SULFATE		
Sample Collected:	07-JUL-11	Findings:	0.4 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	07-JUL-11	Findings:	190. UG/L
Chemical:	BORON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07-JUL-11	Findings:	3.6 UG/L
Chemical:	VANADIUM		
Sample Collected:	07-JUL-11	Findings:	640. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07-JUL-11	Findings:	14.3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-JUL-11	Findings:	0.18 MG/L
Chemical:	BROMIDE		
Sample Collected:	07-JUL-11	Findings:	3220. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07-JUL-11	Findings:	8.08 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07-JUL-11	Findings:	1.72 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07-JUL-11	Findings:	8.14 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	07-JUL-11	Findings:	1.01 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	13-JUL-11	Findings:	0.4 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	13-JUL-11	Findings:	0.2 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	05-APR-12	Findings:	13.1 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-APR-12	Findings:	2970. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06-MAY-13	Findings:	15.1 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-MAY-13	Findings:	3410. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01-APR-14	Findings:	1030. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01-APR-14	Findings:	7.8
Chemical:	PH, LABORATORY		
Sample Collected:	01-APR-14	Findings:	209. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	01-APR-14	Findings:	209. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01-APR-14	Findings:	0.69 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	01-APR-14	Findings:	339. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	01-APR-14	Findings:	104. MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01-APR-14	Findings:	19.2 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01-APR-14	Findings:	80.4 MG/L
Chemical:	SODIUM		
Sample Collected:	01-APR-14	Findings:	4.4 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01-APR-14	Findings:	108. MG/L
Chemical:	CHLORIDE		
Sample Collected:	01-APR-14	Findings:	143. MG/L
Chemical:	SULFATE		
Sample Collected:	01-APR-14	Findings:	0.4 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	01-APR-14	Findings:	220. UG/L
Chemical:	BORON		
Sample Collected:	01-APR-14	Findings:	4.3 UG/L
Chemical:	VANADIUM		
Sample Collected:	01-APR-14	Findings:	626. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-APR-14	Findings:	13.7 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-APR-14	Findings:	0.23 MG/L
Chemical:	BROMIDE		
Sample Collected:	01-APR-14	Findings:	3110. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01-JUL-14	Findings:	3.12 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01-JUL-14	Findings:	1.55 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01-JUL-14	Findings:	0.52 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	01-JUL-14	Findings:	5.03 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	01-JUL-14	Findings:	1.19 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01-JUL-14	Findings:	1.11 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	01-JUL-14	Findings:	0.3 PCI/L
Chemical:	URANIUM MDA95		
Sample Collected:	01-JUL-14	Findings:	0.253 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	01-JUL-14	Findings:	0.185 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		
Sample Collected:	01-JUL-14	Findings:	0.418 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09-APR-15	Findings:	12.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-APR-15	Findings:	0.25 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09-APR-15	Findings:	2790. MG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11-APR-16	Findings:	3.4 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	11-APR-16	Findings:	3.4 MG/L
Chemical:	NITRATE + NITRITE (AS N)		

E19
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000138652

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335141117504701		
Monloc name:	003S009W32P002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.8614041
Longitude:	-117.8472798	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	230.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19260101	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	320
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 47

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-09-04	103.04		1986-05-05	94.62	
1986-02-11	80.60		1985-11-04	68.88	
1985-08-22	98.53		1985-05-09	87.53	
1985-02-13	78.25		1984-11-02	76.20	
1984-08-30	85.96		1984-05-18	79.76	
1984-02-17	65.05		1983-11-03	100.17	
1983-08-24	94.53				
1983-05-10	80.45				
Note: A nearby site that taps the same aquifer was being pumped.					
1983-02-09	76.64		1982-11-03	83.62	
1982-08-03	93.77		1982-04-28	79.92	
1982-01-25	74.92		1981-11-02	83.73	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-07-30	85.93		1981-05-05	61.59	
1981-02-04	66.81		1980-10-29	94.73	
1980-08-29	81.46		1980-06-11	70.80	
1980-02-06	71.17		1979-11-14	86.98	
1979-08-01	87.84		1979-04-30	75.20	
1979-02-05	75.50		1978-11-07	93.57	
1978-08-29	78.76		1977-03-14	98.60	
1977-01-13	130.30		1976-10-27	128.80	
1976-04-27	104.80		1976-03-10	98.70	
1975-12-30	97.10		1975-06-23	95.20	
1975-04-28	94.50		1975-03-05	101.00	
1975-01-06	94.60		1974-10-24	101.20	
1974-06-27	113.20		1974-04-29	108.90	
1974-03-13	114.80				

E20
SSW
1/2 - 1 Mile
Lower

CA WELLS CADW60000018518

Objectid: 18518
 Latitude: 33.8614
 Longitude: -117.8482
 Site code: 338614N1178482W001
 State well numbe: 03S09W32P002S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 30
 County name: Orange
 Basin code: '8-1'
 Basin desc: Coastal Plain Of Orange County
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000018518

21
SE
1/2 - 1 Mile
Lower

CA WELLS CADW60000016895

Objectid: 16895
 Latitude: 33.865
 Longitude: -117.8296
 Site code: 338650N1178296W001
 State well numbe: 03S09W33L001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 30
 County name: Orange

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000016895

22
SSE
1/2 - 1 Mile
Lower

CA WELLS CADW60000033279

Objectid: 33279
Latitude: 33.862
Longitude: -117.8337
Site code: 338620N1178337W001
State well numbe: 03S09W33N003S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000033279

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

A1
NNW
0 - 1/8 Mile

OIL_GAS CAOG11000221240

District nun:	1	Api number:	05906407
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle & Bogue	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221240		

A2
NW
0 - 1/8 Mile

OIL_GAS CAOG11000221243

District nun:	1	Api number:	05906410
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle & Bogue	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221243		

A3
SSW
0 - 1/8 Mile

OIL_GAS CAOG11000220902

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05905890
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Arrowhead Oil Co., Ltd.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bradford	Wellnumber:	OLD 1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000220902		

A4
ENE
0 - 1/8 Mile

OIL_GAS CAOG11000222179

District nun:	1	Api number:	05920143
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-1)	Wellnumber:	T-32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222179		

A5
ENE
0 - 1/8 Mile

OIL_GAS CAOG11000197536

District nun:	1	Api number:	05920228
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	287.281
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804228.ssf	Wellnumber:	T-32-A
Leasename:	Yarnell (nct-1)	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197536		

A6 East 0 - 1/8 Mile

OIL_GAS

CAOG11000196625

District nun:	1	Api number:	05906493
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	287.297
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell (nct 1)	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000196625		

A7 NNW 0 - 1/8 Mile

OIL_GAS

CAOG11000196599

District nun:	1	Api number:	05906411
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	294.453
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Coyle & Bogue	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196599		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

B8
SSW
0 - 1/8 Mile

OIL_GAS CAOG11000196574

District nun:	1	Api number:	05906330
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	297.029
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196574		

B9
SSW
0 - 1/8 Mile

OIL_GAS CAOG11000196575

District nun:	1	Api number:	05906330
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	297.029
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196575		

B11
SSW
0 - 1/8 Mile

OIL_GAS CAOG11000196577

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906331
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	295.513
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196577		

B10
SSW
0 - 1/8 Mile

OIL_GAS CAOG11000196576

District nun:	1	Api number:	05906331
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	295.513
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196576		

C12
SE
0 - 1/8 Mile

OIL_GAS CAOG11000196582

District nun:	1	Api number:	05906336
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	254.025
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804228.ssf	Wellnumber:	13
Leasename:	WRKZU-Union-Bradford	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196582		

C13 SE

0 - 1/8 Mile

OIL_GAS

CAOG11000196581

District nun:	1	Api number:	05906335
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	262.533
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Bradford	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196581		

D14 ENE

0 - 1/8 Mile

OIL_GAS

CAOG11000221403

District nun:	1	Api number:	05906622
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	WRKZU-Exaco-Yarnell I	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221403		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

C15

SE

0 - 1/8 Mile

OIL_GAS

CAOG11000196583

District nun:	1	Api number:	05906337
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	260.975
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196583		

B16

SSW

0 - 1/8 Mile

OIL_GAS

CAOG11000196572

District nun:	1	Api number:	05906329
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	290.941
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196572		

B17

SSW

0 - 1/8 Mile

OIL_GAS

CAOG11000196573

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906329
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	290.941
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196573		

D18
NE
0 - 1/8 Mile

OIL_GAS CAOG11000198727

District nun:	1	Api number:	05921335
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	300.914
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell (nct-1)	Wellnumber:	T-40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198727		

B19
WSW
0 - 1/8 Mile

OIL_GAS CAOG11000196489

District nun:	1	Api number:	05906140
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	298.809
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804218.ssf	Wellnumber:	19
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196489		

D20 NNE 0 - 1/8 Mile

OIL_GAS

CAOG11000222351

District nun:	1	Api number:	05920844
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-1)	Wellnumber:	T-33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222351		

E21 WNW 0 - 1/8 Mile

OIL_GAS

CAOG11000221072

District nun:	1	Api number:	05906134
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221072		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

B22

SW

0 - 1/8 Mile

OIL_GAS

CAOG11000221066

District nun:	1	Api number:	05906126
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221066		

E23

WNW

0 - 1/8 Mile

OIL_GAS

CAOG11000196503

District nun:	1	Api number:	05906183
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	290.892
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	64
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196503		

E24

WNW

0 - 1/8 Mile

OIL_GAS

CAOG11000196504

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906183
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	290.892
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	64
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196504		

E25
WNW
0 - 1/8 Mile

OIL_GAS CAOG11000221065

District nun:	1	Api number:	05906125
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221065		

B26
South
0 - 1/8 Mile

OIL_GAS CAOG11000196579

District nun:	1	Api number:	05906333
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	248.078
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804228.ssf	Wellnumber:	10
Leasename:	WRKZU-Union-Bradford	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196579		

B27
South
0 - 1/8 Mile

OIL_GAS

CAOG11000196580

District nun:	1	Api number:	05906334
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.687
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196580		

C28
ESE
0 - 1/8 Mile

OIL_GAS

CAOG11000220904

District nun:	1	Api number:	05905893
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Arrowhead Oil Co., Ltd.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bradford	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220904		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

E29
WNW
0 - 1/8 Mile

OIL_GAS CAOG11000221077

District nun:	1	Api number:	05906141
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221077		

B30
SW
0 - 1/8 Mile

OIL_GAS CAOG11000221091

District nun:	1	Api number:	05906156
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221091		

F31
NNE
0 - 1/8 Mile

OIL_GAS CAOG11000221306

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906491
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-1)	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000221306		

C32
ESE
1/8 - 1/4 Mile

OIL_GAS CAOG11000217429

District nun:	1	Api number:	05900412
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bradford	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000217429		

F33
NNE
1/8 - 1/4 Mile

OIL_GAS CAOG11000198344

District nun:	1	Api number:	05920943
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	309.544
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804228.ssf	Wellnumber:	U-16
Leasename:	Morse	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198344		

F34 NNE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000198345

District nun:	1	Api number:	05920944
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	304.448
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Morse	Wellnumber:	U-17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198345		

B35

South

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221151

District nun:	1	Api number:	05906264
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bradford Nct-1	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221151		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

F36

NNE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000198341

District nun:	1	Api number:	05920941
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	302.273
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Morse	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198341		

C37

SSE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196539

District nun:	1	Api number:	05906267
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	257.547
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Texaco-Bradford I	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196539		

F38

NNE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000198342

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920942
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	304.348
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59807149.ssf		
Leasename:	Morse	Wellnumber:	U-15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198342		

F39
NNE
1/8 - 1/4 Mile

OIL_GAS CAOG11000198343

District nun:	1	Api number:	05920942
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	304.348
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59807149.ssf		
Leasename:	Morse	Wellnumber:	U-15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198343		

C40
ESE
1/8 - 1/4 Mile

OIL_GAS CAOG11000196584

District nun:	1	Api number:	05906338
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	256.162
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804228.ssf	Wellnumber:	16
Leasename:	Bradford	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196584		

F41 NNE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000198346

District nun:	1	Api number:	05920945
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	305.384
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Morse	Wellnumber:	U-18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198346		

F42 NE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221400

District nun:	1	Api number:	05906619
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

C43

SSE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196536

District nun:	1	Api number:	05906265
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	260.185
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59807149.ssf		
Leasename:	WRKZU-Texaco-Bradford I	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196536		

E44

West

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221080

District nun:	1	Api number:	05906145
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221080		

E45

WNW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196493

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906161
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	294.779
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	41
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196493		

G46
NNW
1/8 - 1/4 Mile

OIL_GAS CAOG11000221242

District nun:	1	Api number:	05906409
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle & Bogue	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221242		

F47
NNE
1/8 - 1/4 Mile

OIL_GAS CAOG11000198546

District nun:	1	Api number:	05921141
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	304.277
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804228.ssf	Wellnumber:	U-19
Leasename:	Morse	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198546		

D48 East

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221397

District nun:	1	Api number:	05906616
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221397		

F49 NE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221308

District nun:	1	Api number:	05906494
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-1)	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221308		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

H50

SSW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196488

District nun:	1	Api number:	05906139
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	296.262
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196488		

F52

NNE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000198284

District nun:	1	Api number:	05920881
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	313.037
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Morse	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	666		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000198284		

F51

NNE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000198283

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920881
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	313.037
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Morse	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	666		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000198283		

G53
NNW
1/8 - 1/4 Mile

OIL_GAS CAOG11000221241

District nun:	1	Api number:	05906408
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle & Bogue	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221241		

I55
WSW
1/8 - 1/4 Mile

OIL_GAS CAOG11000196498

District nun:	1	Api number:	05906171
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	275.547
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804218.ssf	Wellnumber:	51
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196498		

I56 WSW 1/8 - 1/4 Mile

OIL_GAS

CAOG11000196499

District nun:	1	Api number:	05906171
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	275.547
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196499		

I54 WSW 1/8 - 1/4 Mile

OIL_GAS

CAOG11000196497

District nun:	1	Api number:	05906171
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	275.547
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196497		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

G57

NW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221187

District nun:	1	Api number:	05906341
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221187		

E58

WNW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196508

District nun:	1	Api number:	05906198
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	293.143
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	80
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196508		

D60

ENE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196629

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906497
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	293.554
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	4654		
Abandonedd:	Not Reported	Completion:	12-DEC-12
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196629		

D59

ENE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196628

District nun:	1	Api number:	05906497
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	293.554
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	4654		
Abandonedd:	Not Reported	Completion:	12-DEC-12
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196628		

F62

NNE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000194586

District nun:	1	Api number:	05900221
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	320.997
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804228.ssf	Wellnumber:	2
Leasename:	Morse	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194586		

F61 NNE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000194585

District nun:	1	Api number:	05900221
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	320.997
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Morse	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194585		

J63 East

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196630

District nun:	1	Api number:	05906498
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	283.056
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell	Wellnumber:	T-31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196630		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

K64

NW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196595

District nun:	1	Api number:	05906394
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	278.969
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	57
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196595		

J65

ESE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196571

District nun:	1	Api number:	05906328
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	256.094
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196571		

K66

NW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221200

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906356
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221200		

I67 WSW 1/8 - 1/4 Mile

OIL_GAS CAOG11000297063

District nun:	1	Api number:	05921753
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	307.85
Locationde:	FR C/L of Linda Vista & Alta Vista 946.6'Sly & 537.7'Wly @ rt ang.		
Gissourcec:	noi		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000297063		

I68 WSW 1/8 - 1/4 Mile

OIL_GAS CAOG11000221083

District nun:	1	Api number:	05906148
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	28B
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000221083		

H69 South 1/8 - 1/4 Mile

OIL_GAS

CAOG11000196537

District nun:	1	Api number:	05906266
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.334
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Texaco-Bradford I	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196537		

H70 South 1/8 - 1/4 Mile

OIL_GAS

CAOG11000196538

District nun:	1	Api number:	05906266
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.334
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Texaco-Bradford I	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196538		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

L71

SE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221149

District nun:	1	Api number:	05906262
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bradford	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221149		

M72

South

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196535

District nun:	1	Api number:	05906260
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	285.689
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59807149.ssf		
Leasename:	WRKZU-Texaco-Bradford II	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196535		

I73

West

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196505

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906187
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	290.125
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	69
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196505		

H74 SSW 1/8 - 1/4 Mile

OIL_GAS CAOG11000196487

District nun:	1	Api number:	05906133
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	276.734
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196487		

N75 WNW 1/8 - 1/4 Mile

OIL_GAS CAOG11000197489

District nun:	1	Api number:	05920194
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	285.116
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804218.ssf	Wellnumber:	2
Leasename:	Kraemer 2 - Chapman L.W.	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000197489		

L76 SE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221148

District nun:	1	Api number:	05906261
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bradford	Wellnumber:	2-2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221148		

L77 SE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196578

District nun:	1	Api number:	05906332
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	277.752
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196578		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

I78
WSW
1/8 - 1/4 Mile

OIL_GAS CAOG11000221120

District nun:	1	Api number:	05906199
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	81
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221120		

N79
WNW
1/8 - 1/4 Mile

OIL_GAS CAOG11000219627

District nun:	1	Api number:	05903901
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000219627		

M80
South
1/8 - 1/4 Mile

OIL_GAS CAOG11000221029

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906044
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2-B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221029		

J81 ESE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196570

District nun:	1	Api number:	05906327
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	290.017
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Union-Bradford	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196570		

K82 NW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196596

District nun:	1	Api number:	05906395
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	279.552
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804218.ssf	Wellnumber:	58
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196596		

H83 SW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196496

District nun:	1	Api number:	05906169
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	283.78
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196496		

O84 NE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196627

District nun:	1	Api number:	05906496
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	303.684
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Yarnell	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000196627		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

K85

NW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221207

District nun:	1	Api number:	05906364
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221207		

G86

North

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221258

District nun:	1	Api number:	05906431
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Morse	Wellnumber:	U-12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000221258		

G87

North

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221259

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906431
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Morse	Wellnumber:	U-12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000221259		

P88

NNE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196607

District nun:	1	Api number:	05906429
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	327.264
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Morse	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196607		

G89

NNW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221255

District nun:	1	Api number:	05906426
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	3
Leasename:	Morse	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000221255		

**O90
NE**

1/8 - 1/4 Mile

OIL_GAS

CAOG11000198248

District nun:	1	Api number:	05920859
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	301.282
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Yarnell	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198248		

**O91
NE**

1/8 - 1/4 Mile

OIL_GAS

CAOG11000198249

District nun:	1	Api number:	05920859
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	301.282
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Yarnell	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198249		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

H92
SW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000222129

District nun:	1	Api number:	05920007
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	84
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222129		

H94
SW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000222131

District nun:	1	Api number:	05920007
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	84
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222131		

H93
SW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000222130

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920007
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	84
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222130		

O95

NE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221396

District nun:	1	Api number:	05906615
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221396		

N96

WNW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221064

District nun:	1	Api number:	05906123
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221064		

H97 SSW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221112

District nun:	1	Api number:	05906188
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	70
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221112		

N98

WNW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000217426

District nun:	1	Api number:	05900408
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000217426		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

I99
WSW
1/8 - 1/4 Mile

OIL_GAS CAOG11000196486

District nun:	1	Api number:	05906131
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	260.031
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196486		

Q100
SSW
1/8 - 1/4 Mile

OIL_GAS CAOG11000221093

District nun:	1	Api number:	05906158
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221093		

R101
WSW
1/8 - 1/4 Mile

OIL_GAS CAOG11000221119

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906197
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	79
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221119		

K102

NW

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196594

District nun:	1	Api number:	05906391
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	277.876
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196594		

S103

ENE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000198285

District nun:	1	Api number:	05920882
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	286.341
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804228.ssf	Wellnumber:	39
Leasename:	Yarnell	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198285		

T104

West

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196509

District nun:	1	Api number:	05906200
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	271.999
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	242
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196509		

U105

ESE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000220903

District nun:	1	Api number:	05905892
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Arrowhead Oil Co., Ltd.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bradford	Wellnumber:	OLD 3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220903		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

S106

East

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221398

District nun:	1	Api number:	05906617
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221398		

P107

North

1/8 - 1/4 Mile

OIL_GAS

CAOG11000221257

District nun:	1	Api number:	05906430
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Morse	Wellnumber:	U-11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000221257		

L108

ESE

1/8 - 1/4 Mile

OIL_GAS

CAOG11000196540

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906268
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	307.327
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	WRKZU-Texaco-Bradford II	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196540		

R109

SW
1/8 - 1/4 Mile

OIL_GAS

CAOG11000221074

District nun:	1	Api number:	05906136
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221074		

V110

NNW
1/4 - 1/2 Mile

OIL_GAS

CAOG11000221192

District nun:	1	Api number:	05906348
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	11
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221192		

S111 ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196626

District nun:	1	Api number:	05906495
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	291.665
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196626		

S112 ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221399

District nun:	1	Api number:	05906618
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221399		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

U113

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000305953

District nun:	1	Api number:	05905891
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Arrowhead Oil Co., Ltd.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bradford	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000305953		

P114

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196606

District nun:	1	Api number:	05906428
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	309.009
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Union-Morse	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196606		

U115

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196569

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906326
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	300.846
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Bradford	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196569		

O116

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221235

District nun:	1	Api number:	05906402
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221235		

R117

WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221099

District nun:	1	Api number:	05906168
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	48
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221099		

Q118

South

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221054

District nun:	1	Api number:	05906088
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Morris Harris		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wetzel	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221054		

R119

WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221118

District nun:	1	Api number:	05906195
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	77
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221118		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

V120

NNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196592

District nun:	1	Api number:	05906383
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	284.123
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196592		

121

South

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221141

District nun:	1	Api number:	05906237
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	C. F. Sudduth		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wetzel	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221141		

N122

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000217430

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05900413
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000217430		

N123

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196494

District nun:	1	Api number:	05906163
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	284.757
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196494		

W124

SW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221088

District nun:	1	Api number:	05906153
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	33
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221088		

T125

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221095

District nun:	1	Api number:	05906162
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221095		

126

SSE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221053

District nun:	1	Api number:	05906087
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Morris Harris		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irwin	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221053		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

T127

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221106

District nun:	1	Api number:	05906179
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	59
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221106		

X128

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221199

District nun:	1	Api number:	05906355
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221199		

S129

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221402

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906621
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell Nct-1	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221402		

S130

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221395

District nun:	1	Api number:	05906614
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221395		

U131

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196541

District nun:	1	Api number:	05906269
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	306.411
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804228.ssf	Wellnumber:	6
Leasename:	WRKZU-Texaco-Bradford II	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196541		

Y132 NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222480

District nun:	1	Api number:	05921336
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-1)	Wellnumber:	T-41
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222480		

V133 NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221196

District nun:	1	Api number:	05906352
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221196		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

Z134

WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221117

District nun:	1	Api number:	05906194
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	76
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221117		

T135

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196507

District nun:	1	Api number:	05906196
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	260.179
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	78
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196507		

S136

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221307

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906492
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-1)	Wellnumber:	4-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221307		

Y138

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222414

District nun:	1	Api number:	05921142
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000222414		

Y137

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222413

District nun:	1	Api number:	05921142
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	11
Leasename:	Coyle	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POF
Site id:	CAOG11000222413		

139

NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196589

District nun:	1	Api number:	05906366
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	275.85
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POF
Site id:	CAOG11000196589		

X140

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221232

District nun:	1	Api number:	05906399
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	62
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221232		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

X141

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221079

District nun:	1	Api number:	05906143
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221079		

AA142

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000220755

District nun:	1	Api number:	05905577
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Morse	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000220755		

AA143

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000220756

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05905577
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Morse	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000220756		

X144

NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221229

District nun:	1	Api number:	05906392
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	55
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221229		

V145

NNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000197482

District nun:	1	Api number:	05920186
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	283.151
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804218.ssf	Wellnumber:	65
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197482		

Z146

WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000194593

District nun:	1	Api number:	05900309
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	292.376
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	60
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000194593		

V147

NNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196588

District nun:	1	Api number:	05906365
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	282.013
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196588		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AB148

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221287

District nun:	1	Api number:	05906471
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221287		

AC149

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221238

District nun:	1	Api number:	05906405
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221238		

AD150

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221092

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906157
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221092		

Y151

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221236

District nun:	1	Api number:	05906403
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221236		

AB152

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221279

District nun:	1	Api number:	05906457
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	Stern	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221279		

AB153

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221289

District nun:	1	Api number:	05906474
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221289		

X154

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221205

District nun:	1	Api number:	05906362
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221205		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

155

SE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221150

District nun:	1	Api number:	05906263
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bradford	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221150		

AB156

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221365

District nun:	1	Api number:	05906572
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221365		

AD157

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221063

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906122
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221063		

AE158

NNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196586

District nun:	1	Api number:	05906347
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	278.728
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000196586		

Y159

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221233

District nun:	1	Api number:	05906400
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	Coyle	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221233		

AB160 East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196615

District nun:	1	Api number:	05906461
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	303.231
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	U.O. Stern	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196615		

Z161 West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196495

District nun:	1	Api number:	05906167
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.996
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	47
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196495		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

W162

SW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221103

District nun:	1	Api number:	05906175
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	55
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221103		

AF163

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196654

District nun:	1	Api number:	05906573
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	287.66
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Mobil Thompson	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196654		

AB164

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221290

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906475
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000221290		

AG165

SW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221098

District nun:	1	Api number:	05906166
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221098		

AA166

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000217388

District nun:	1	Api number:	05900211
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	9
Leasename:	Morse	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000217388		

AH167 ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221244

District nun:	1	Api number:	05906412
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Dickson	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221244		

AH169 ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196604

District nun:	1	Api number:	05906417
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	297.761
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	WRKZU Hartwell	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWS
Site id:	CAOG11000196604		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AH168

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196603

District nun:	1	Api number:	05906417
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	297.761
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	WRKZU Hartwell	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWS
Site id:	CAOG11000196603		

AF170

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000198726

District nun:	1	Api number:	05921334
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	278.12
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Thompson	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000198726		

AG171

SW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221114

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906191
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	73
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221114		

Z172

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221068

District nun:	1	Api number:	05906128
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221068		

Z173

WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196491

District nun:	1	Api number:	05906146
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	299.502
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804218.ssf	Wellnumber:	26
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196491		

AA174

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221254

District nun:	1	Api number:	05906425
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Morse	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221254		

AD175

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221111

District nun:	1	Api number:	05906186
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	67
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221111		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AF176

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221362

District nun:	1	Api number:	05906569
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221362		

AH178

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196602

District nun:	1	Api number:	05906416
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	294.916
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Hartwell	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000196602		

AH177

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196601

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906416
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	294.916
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Hartwell	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000196601		

179
South
1/4 - 1/2 Mile

OIL_GAS

CAOG11000221319

District nun:	1	Api number:	05906514
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221319		

AA180
NNE
1/4 - 1/2 Mile

OIL_GAS

CAOG11000221256

District nun:	1	Api number:	05906427
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	4
Leasename:	Morse	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221256		

AF181

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000217747

District nun:	1	Api number:	05900945
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson	Wellnumber:	1-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000217747		

AI182

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221239

District nun:	1	Api number:	05906406
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221239		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AE183

NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196587

District nun:	1	Api number:	05906359
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	254.83
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196587		

AD184

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000197483

District nun:	1	Api number:	05920189
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	283.992
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2 - Chapman L.W.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197483		

AD185

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000197484

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920189
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	283.992
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2 - Chapman L.W.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197484		

AD186

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196506

District nun:	1	Api number:	05906189
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	272.181
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	71
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196506		

AJ187

NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221224

District nun:	1	Api number:	05906385
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	48
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221224		

AC188 NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222356

District nun:	1	Api number:	05920853
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222356		

AC189 NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222357

District nun:	1	Api number:	05920853
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222357		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AK190

SW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221087

District nun:	1	Api number:	05906152
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221087		

AL191

WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221105

District nun:	1	Api number:	05906178
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	58
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221105		

AK192

WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000217396

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05900310
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	82
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000217396		

AJ193

NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221203

District nun:	1	Api number:	05906360
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221203		

AM194

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221186

District nun:	1	Api number:	05906340
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221186		

AN195 NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221756

District nun:	1	Api number:	05907326
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-2)	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221756		

AJ196 WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221185

District nun:	1	Api number:	05906339
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221185		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AC197

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000219190

District nun:	1	Api number:	05903227
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000219190		

AC198

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222111

District nun:	1	Api number:	05907890
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222111		

AE199

NNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196593

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906388
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	261.334
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196593		

AN200

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221309

District nun:	1	Api number:	05906499
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct 2)	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221309		

AH201

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221246

District nun:	1	Api number:	05906414
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	WRKZU-Union-Hartwell	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221246		

AH202 ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221247

District nun:	1	Api number:	05906414
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	WRKZU-Union-Hartwell	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221247		

AK203 WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196500

District nun:	1	Api number:	05906172
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.901
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AF205

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196622

District nun:	1	Api number:	05906473
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	286.563
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Thompson	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196622		

AF204

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196621

District nun:	1	Api number:	05906473
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	286.563
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Thompson	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196621		

AH206

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221248

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906418
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	WRKZU-Union-Hartwell	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221248		

AO207

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000198521

District nun:	1	Api number:	05921093
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	300.538
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Mobil-Thompson	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000198521		

AO208

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000198520

District nun:	1	Api number:	05921092
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	300.713
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804208.ssf	Wellnumber:	14
Leasename:	Mobil-Thompson	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000198520		

AN209

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222358

District nun:	1	Api number:	05920856
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-2)	Wellnumber:	T-35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222358		

AO210

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000198519

District nun:	1	Api number:	05921091
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	301.53
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Mobil-Thompson	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198519		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AL211

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196490

District nun:	1	Api number:	05906144
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	251.586
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196490		

AF213

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000198549

District nun:	1	Api number:	05921144
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	300.069
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Mobil-Thompson	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000198549		

AF212

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000198548

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921144
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	300.069
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Mobil-Thompson	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000198548		

AO214

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196655

District nun:	1	Api number:	05906574
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	300.498
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Mobil Thompson	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196655		

AM215

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221228

District nun:	1	Api number:	05906390
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	53
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221228		

216
South
1/4 - 1/2 Mile

OIL_GAS

CAOG11000221135

District nun:	1	Api number:	05906219
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Schilling	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221135		

AP217
North
1/4 - 1/2 Mile

OIL_GAS

CAOG11000196673

District nun:	1	Api number:	05906628
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	293.403
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell Lease (nct-3)	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196673		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AF218

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196623

District nun:	1	Api number:	05906476
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	309.421
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Mobil Thompson	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196623		

AI219

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221237

District nun:	1	Api number:	05906404
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221237		

AP220

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196670

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906625
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	294.9
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell Lease (nct-3)	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196670		

AQ221

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221283

District nun:	1	Api number:	05906465
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	WRKZU-Union-Stern	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221283		

AR222

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196455

District nun:	1	Api number:	05906089
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	306.947
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804178.ssf	Wellnumber:	1
Leasename:	Aha	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196455		

AS223

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196492

District nun:	1	Api number:	05906159
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	257.349
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	39
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196492		

AO224

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221288

District nun:	1	Api number:	05906472
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson	Wellnumber:	4-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221288		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AL225

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221097

District nun:	1	Api number:	05906165
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221097		

AN226

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000197116

District nun:	1	Api number:	05907327
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	292.082
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Yarnell	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197116		

AS227

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196502

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906181
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	255.05
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	62
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196502		

AS228

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000197585

District nun:	1	Api number:	05920290
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.302
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	86
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197585		

AR229

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196456

District nun:	1	Api number:	05906090
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	309.297
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804178.ssf	Wellnumber:	2
Leasename:	Aha	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196456		

AP230

NNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196585

District nun:	1	Api number:	05906345
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	291.561
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196585		

AT231

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221234

District nun:	1	Api number:	05906401
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Coyle	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221234		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AS232

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196501

District nun:	1	Api number:	05906177
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	256.924
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	57
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196501		

AM233

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221220

District nun:	1	Api number:	05906379
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221220		

AJ234

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222189

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920184
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	63
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222189		

AQ235

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221280

District nun:	1	Api number:	05906458
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stern	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221280		

AL236

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221069

District nun:	1	Api number:	05906129
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	8
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221069		

AR237

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000220901

District nun:	1	Api number:	05905889
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Amalgamated American Oil Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Booker	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220901		

AO238

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221364

District nun:	1	Api number:	05906571
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221364		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AS239

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196485

District nun:	1	Api number:	05906124
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.445
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Kraemer 2	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196485		

AQ240

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196600

District nun:	1	Api number:	05906415
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	285.31
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Hartwell	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196600		

AU241

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221363

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906570
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221363		

AV242

NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196591

District nun:	1	Api number:	05906380
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	283.125
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196591		

AR243

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221265

District nun:	1	Api number:	05906437
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	J. W. Newell	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221265		

AV244 NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221208

District nun:	1	Api number:	05906367
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221208		

AW245 NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221268

District nun:	1	Api number:	05906440
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	J. W. Newell	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221268		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AX246

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221197

District nun:	1	Api number:	05906353
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221197		

AQ247

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221249

District nun:	1	Api number:	05906419
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	WRKZU-Union-Hartwell	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221249		

AY248

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221401

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906620
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221401		

249

WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221089

District nun:	1	Api number:	05906154
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	34
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221089		

AU250

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000217392

District nun:	1	Api number:	05900224
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	9
Leasename:	Thompson	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000217392		

AV251 NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222365

District nun:	1	Api number:	05920884
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	66-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000222365		

AZ252 WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221081

District nun:	1	Api number:	05906147
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221081		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AZ253

WSW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221082

District nun:	1	Api number:	05906147
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221082		

AW254

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221269

District nun:	1	Api number:	05906441
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	J. W. Newell	Wellnumber:	5-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221269		

AZ255

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000217427

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05900409
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	68
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000217427		

AP256
North
1/4 - 1/2 Mile

OIL_GAS CAOG11000196672

District nun:	1	Api number:	05906627
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	302.878
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell (nct-3)	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196672		

AV257
NNW
1/4 - 1/2 Mile

OIL_GAS CAOG11000221209

District nun:	1	Api number:	05906368
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	31R
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221209		

AV258

NNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221210

District nun:	1	Api number:	05906368
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	31R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221210		

AU259

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221310

District nun:	1	Api number:	05906500
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-2)	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221310		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AT260

NE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221394

District nun:	1	Api number:	05906613
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221394		

BA261

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196671

District nun:	1	Api number:	05906626
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	309.056
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196671		

AS262

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221096

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906164
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2 - Chapman L.W.	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221096		

AT263
NNE
1/4 - 1/2 Mile

OIL_GAS CAOG11000221270

District nun:	1	Api number:	05906442
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	J. W. Newell	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221270		

BB264
East
1/4 - 1/2 Mile

OIL_GAS CAOG11000221359

District nun:	1	Api number:	05906565
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	3
Leasename:	Stern	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221359		

AU265

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000218076

District nun:	1	Api number:	05901303
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-2)	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000218076		

BC266

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221189

District nun:	1	Api number:	05906343
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221189		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AX267

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221230

District nun:	1	Api number:	05906393
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221230		

AQ268

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221286

District nun:	1	Api number:	05906470
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stern	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221286		

BD269

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221285

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906469
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	WRKZU-Union-Stern	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221285		

AS270

West

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221085

District nun:	1	Api number:	05906150
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221085		

AT271

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221264

District nun:	1	Api number:	05906436
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	J. W. Newell	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221264		

BE273 ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222360

District nun:	1	Api number:	05920857
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-2)	Wellnumber:	T-36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222360		

BE272 ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222359

District nun:	1	Api number:	05920857
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-2)	Wellnumber:	T-36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222359		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BA274

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196457

District nun:	1	Api number:	05906091
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	311.239
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Aha	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196457		

BF275

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221361

District nun:	1	Api number:	05906567
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	WRKZU-Mobil-Stern	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221361		

BB276

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222082

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907851
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mobil-Stern	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222082		

BG277

SSE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196434

District nun:	1	Api number:	05906035
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	248.659
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	XW1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196434		

BH278

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000196460

District nun:	1	Api number:	05906094
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	308.384
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804178.ssf	Wellnumber:	6
Leasename:	Aha	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196460		

BA279

North

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221404

District nun:	1	Api number:	05906629
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct-3)	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221404		

BD280

ESE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000222478

District nun:	1	Api number:	05921287
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Union Stern	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000222478		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BB281

East

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221281

District nun:	1	Api number:	05906459
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stern	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221281		

BI282

NW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221226

District nun:	1	Api number:	05906387
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221226		

AX283

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000221225

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906386
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221225		

BJ284
West
1/2 - 1 Mile

OIL_GAS CAOG11000221100

District nun:	1	Api number:	05906170
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221100		

AZ285
WSW
1/2 - 1 Mile

OIL_GAS CAOG11000221113

District nun:	1	Api number:	05906190
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	72
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221113		

AZ286

WSW

1/2 - 1 Mile

OIL_GAS

CAOG11000221090

District nun:	1	Api number:	05906155
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221090		

BD287

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221284

District nun:	1	Api number:	05906466
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	WRKZU-Union-Stern	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221284		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AY288

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000222103

District nun:	1	Api number:	05907877
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Yarnell (nct 2)	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222103		

289

SW

1/2 - 1 Mile

OIL_GAS

CAOG11000220905

District nun:	1	Api number:	05905894
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Gertie L. Bennett		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bennett	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000220905		

BF290

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221251

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906421
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mobil-Stern	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221251		

BE291

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221298

District nun:	1	Api number:	05906485
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Towell	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221298		

BE292

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221299

District nun:	1	Api number:	05906485
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	Towell	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221299		

BI293

NW

1/2 - 1 Mile

OIL_GAS

CAOG11000221211

District nun:	1	Api number:	05906369
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221211		

AV294

NW

1/2 - 1 Mile

OIL_GAS

CAOG11000221215

District nun:	1	Api number:	05906373
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221215		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

AX295
WNW
1/2 - 1 Mile

OIL_GAS CAOG11000221221

District nun:	1	Api number:	05906381
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221221		

AW296
NNE
1/2 - 1 Mile

OIL_GAS CAOG11000221271

District nun:	1	Api number:	05906443
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	J. W. Newell	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221271		

BD297
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000196618

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906467
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	247.333
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Stern	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196618		

BE298 ENE 1/2 - 1 Mile

OIL_GAS CAOG11000197649

District nun:	1	Api number:	05920357
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	307.626
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Towell	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197649		

BK299 West 1/2 - 1 Mile

OIL_GAS CAOG11000221110

District nun:	1	Api number:	05906185
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	66
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221110		

BB301

East

1/2 - 1 Mile

OIL_GAS

CAOG11000198518

District nun:	1	Api number:	05921090
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	05W
Base meridian:	SB	Elevation:	298.829
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Mobil-Stern	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198518		

BB300

East

1/2 - 1 Mile

OIL_GAS

CAOG11000198517

District nun:	1	Api number:	05921090
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	05W
Base meridian:	SB	Elevation:	298.829
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Mobil-Stern	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198517		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BL302
NNW
1/2 - 1 Mile

OIL_GAS CAOG11000221191

District nun:	1	Api number:	05906346
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221191		

BL303
North
1/2 - 1 Mile

OIL_GAS CAOG11000196668

District nun:	1	Api number:	05906623
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Blackhawk Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	305.602
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell (nct-3)	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196668		

BB304
East
1/2 - 1 Mile

OIL_GAS CAOG11000222157

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920079
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mobil-Stern	Wellnumber:	M-11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000222157		

BM305

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221245

District nun:	1	Api number:	05906413
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	X1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221245		

BJ306

WSW

1/2 - 1 Mile

OIL_GAS

CAOG11000221084

District nun:	1	Api number:	05906149
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	29
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221084		

BN307

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000221326

District nun:	1	Api number:	05906522
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Jose Oil Co., Ltd.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Jose	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221326		

BF308

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196605

District nun:	1	Api number:	05906424
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	293.5
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Mobil-Stern	Wellnumber:	M-10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196605		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BA309
North
1/2 - 1 Mile

OIL_GAS CAOG11000196669

District nun:	1	Api number:	05906624
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	309.227
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804228.ssf		
Leasename:	Yarnell (nct-3)	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196669		

BK310
West
1/2 - 1 Mile

OIL_GAS CAOG11000221067

District nun:	1	Api number:	05906127
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221067		

BO311
NNW
1/2 - 1 Mile

OIL_GAS CAOG11000221222

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906382
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221222		

BC312
WNW
1/2 - 1 Mile

OIL_GAS CAOG11000221219

District nun:	1	Api number:	05906378
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	41
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221219		

BB313
East
1/2 - 1 Mile

OIL_GAS CAOG11000198547

District nun:	1	Api number:	05921143
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	300.88
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804288.ssf	Wellnumber:	14
Leasename:	Mobil-Sterns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198547		

BG314

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196179

District nun:	1	Api number:	05906231
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.509
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196179		

BE315

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221305

District nun:	1	Api number:	05906490
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Oak	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221305		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BP316
WNW
1/2 - 1 Mile

OIL_GAS CAOG11000221198

District nun:	1	Api number:	05906354
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221198		

BH317
North
1/2 - 1 Mile

OIL_GAS CAOG11000196458

District nun:	1	Api number:	05906092
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	312.698
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Aha	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196458		

BJ318
West
1/2 - 1 Mile

OIL_GAS CAOG11000221109

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906184
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	65
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221109		

BH319
North
1/2 - 1 Mile

OIL_GAS CAOG11000196461

District nun:	1	Api number:	05906095
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	312.757
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Aha	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196461		

320
NW
1/2 - 1 Mile

OIL_GAS CAOG11000221227

District nun:	1	Api number:	05906389
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	52
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221227		

BJ321

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221070

District nun:	1	Api number:	05906130
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221070		

BM322

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221372

District nun:	1	Api number:	05906584
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oil Investments, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221372		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BQ323

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196653

District nun:	1	Api number:	05906568
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	279.589
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	WRKZU M. Stern	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196653		

BJ324

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221108

District nun:	1	Api number:	05906182
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	63
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221108		

BK325

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221094

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906160
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221094		

BM326

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196636

District nun:	1	Api number:	05906519
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	243.522
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196636		

BR327

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196178

District nun:	1	Api number:	05906230
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.032
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804158.ssf	Wellnumber:	Z1
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196178		

BI328

NW

1/2 - 1 Mile

OIL_GAS

CAOG11000221216

District nun:	1	Api number:	05906374
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221216		

BS329

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196526

District nun:	1	Api number:	05906247
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	244.544
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196526		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BM330

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196521

District nun:	1	Api number:	05906241
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.76
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196521		

BT331

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221115

District nun:	1	Api number:	05906192
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	74
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221115		

BU332

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221282

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906464
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	WRKZU-Union-Stern	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221282		

BN333

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000221055

District nun:	1	Api number:	05906096
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Berry	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221055		

BV334

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221190

District nun:	1	Api number:	05906344
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	7
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221190		

BU335 ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196617

District nun:	1	Api number:	05906463
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	243.95
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	U.O. Stern	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196617		

BM336 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196528

District nun:	1	Api number:	05906249
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.04
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196528		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BV337
WNW
1/2 - 1 Mile

OIL_GAS CAOG11000222367

District nun:	1	Api number:	05920886
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	68
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000222367		

BP338
WNW
1/2 - 1 Mile

OIL_GAS CAOG11000222366

District nun:	1	Api number:	05920885
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	67
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000222366		

BQ339
East
1/2 - 1 Mile

OIL_GAS CAOG11000198654

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921288
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	277.039
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Union Stern	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198654		

BL340 NNW 1/2 - 1 Mile

OIL_GAS CAOG11000221018

District nun:	1	Api number:	05906032
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bradford Bros. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1-BB
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221018		

BN341 NE 1/2 - 1 Mile

OIL_GAS CAOG11000221315

District nun:	1	Api number:	05906509
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	White	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221315		

BQ342

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221253

District nun:	1	Api number:	05906423
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mobil-Stern	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221253		

BW343

NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000196608

District nun:	1	Api number:	05906444
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	320.631
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Newell-Renton	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196608		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BX344

NW

1/2 - 1 Mile

OIL_GAS

CAOG11000196590

District nun:	1	Api number:	05906375
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	271.28
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196590		

BQ345

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221360

District nun:	1	Api number:	05906566
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stern	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221360		

346

NNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221218

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906377
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	40R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221218		

BY347
WSW
1/2 - 1 Mile

OIL_GAS CAOG11000221102

District nun:	1	Api number:	05906174
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221102		

BZ348
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000196519

District nun:	1	Api number:	05906240
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	248.369
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804238.ssf	Wellnumber:	XW15
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196519		

BZ349

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196520

District nun:	1	Api number:	05906240
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	248.369
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	XW15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196520		

CA350

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000220758

District nun:	1	Api number:	05905581
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Oak	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000220758		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BQ351

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196614

District nun:	1	Api number:	05906460
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	273.175
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	WRKZU U.O. Stern	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196614		

CB352

NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000221266

District nun:	1	Api number:	05906438
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	J. W. Newell	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221266		

BT353

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221107

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906180
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221107		

CC354

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000221341

District nun:	1	Api number:	05906543
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mid-Center Oil Co. Ltd.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Sliter	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221341		

BY355

WSW

1/2 - 1 Mile

OIL_GAS

CAOG11000222138

District nun:	1	Api number:	05920018
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	83
Leasename:	Kraemer 2	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222138		

CD356

North

1/2 - 1 Mile

OIL_GAS

CAOG11000221263

District nun:	1	Api number:	05906435
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	E. L. Newell	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221263		

CE357

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000222361

District nun:	1	Api number:	05920858
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mobil-Stern	Wellnumber:	M-12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222361		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CE358

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221250

District nun:	1	Api number:	05906420
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mobil-Stern	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221250		

BQ359

East

1/2 - 1 Mile

OIL_GAS

CAOG11000198282

District nun:	1	Api number:	05920880
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	292.553
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Mobil Sterns	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198282		

BU360

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196652

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906562
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	247.498
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196652		

BR361

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196177

District nun:	1	Api number:	05906229
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.737
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196177		

CF362

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196613

District nun:	1	Api number:	05906454
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	251.274
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804238.ssf	Wellnumber:	X12
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196613		

BM363

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196449

District nun:	1	Api number:	05906064
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	243.944
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196449		

BZ365

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221357

District nun:	1	Api number:	05906563
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	XW21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000221357		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BZ364

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221356

District nun:	1	Api number:	05906563
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	XW21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000221356		

BP366

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221223

District nun:	1	Api number:	05906384
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	47
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221223		

BW367

North

1/2 - 1 Mile

OIL_GAS

CAOG11000196459

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906093
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	320.763
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Aha	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196459		

CD368 North 1/2 - 1 Mile

OIL_GAS CAOG11000221261

District nun:	1	Api number:	05906433
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	E. L. Newell	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221261		

BQ369 East 1/2 - 1 Mile

OIL_GAS CAOG11000221252

District nun:	1	Api number:	05906422
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	5
Leasename:	Mobil-Stern	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PUF
Site id:	CAOG11000221252		

CF370

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221030

District nun:	1	Api number:	05906045
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	8-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221030		

BS371

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000198604

District nun:	1	Api number:	05921240
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	243.533
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198604		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CG372

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196450

District nun:	1	Api number:	05906065
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	246.157
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	XW2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196450		

BT373

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221101

District nun:	1	Api number:	05906173
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	53
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221101		

BS374

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000198605

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921241
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	244.07
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	XW16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198605		

BZ375
SE
1/2 - 1 Mile

OIL_GAS CAOG11000196531

District nun:	1	Api number:	05906252
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	244.483
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196531		

376
ENE
1/2 - 1 Mile

OIL_GAS CAOG11000221303

District nun:	1	Api number:	05906488
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	5
Leasename:	Towell	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221303		

BS377 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000198606

District nun:	1	Api number:	05921242
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.594
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X48
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198606		

BS378 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000198614

District nun:	1	Api number:	05921251
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.246
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	XW17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000198614		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CE380

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221301

District nun:	1	Api number:	05906486
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Towell	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221301		

CE379

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221300

District nun:	1	Api number:	05906486
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Towell	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221300		

BO381

NNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221194

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906350
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221194		

BS382

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000198636

District nun:	1	Api number:	05921271
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	238.774
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198636		

BR383

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196175

District nun:	1	Api number:	05906227
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	239.502
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804158.ssf	Wellnumber:	ZW1
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196175		

CH384 NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000221413

District nun:	1	Api number:	05906647
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Potter	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221413		

CI385 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000198637

District nun:	1	Api number:	05921272
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	240.008
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	XW20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198637		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BS386

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196525

District nun:	1	Api number:	05906246
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	241.401
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196525		

BZ387

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196518

District nun:	1	Api number:	05906239
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	246.18
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196518		

CI388

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000198638

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921273
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	236.181
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198638		

CH389

NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000221414

District nun:	1	Api number:	05906648
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Potter	Wellnumber:	2-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221414		

CI390

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000198643

District nun:	1	Api number:	05921278
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	237.269
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804158.ssf	Wellnumber:	ZW11
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198643		

CJ391

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221086

District nun:	1	Api number:	05906151
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221086		

CF392

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221355

District nun:	1	Api number:	05906561
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mullen	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221355		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CI393

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221145

District nun:	1	Api number:	05906254
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	ZW4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000221145		

CF394

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196616

District nun:	1	Api number:	05906462
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	246.226
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196616		

395

South

1/2 - 1 Mile

OIL_GAS

CAOG11000221031

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906046
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Christopher Oil Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	A.U.W.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221031		

CA396

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000196631

District nun:	1	Api number:	05906502
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	320.072
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Joe J.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196631		

CK397

NW

1/2 - 1 Mile

OIL_GAS

CAOG11000221213

District nun:	1	Api number:	05906371
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	34
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221213		

BU398

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196612

District nun:	1	Api number:	05906453
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	276.849
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Richfield	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196612		

BU399

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221017

District nun:	1	Api number:	05906031
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Estate of A. H. Bradford		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	7-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221017		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BR400

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196176

District nun:	1	Api number:	05906228
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.179
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196176		

BX401

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000198439

District nun:	1	Api number:	05921018
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	289.221
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	74
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000198439		

402

NW

1/2 - 1 Mile

OIL_GAS

CAOG11000221214

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906372
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221214		

BQ403

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196624

District nun:	1	Api number:	05906479
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	257.378
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Not Reported	Wellnumber:	TG & 3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196624		

BX404

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000198438

District nun:	1	Api number:	05921017
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	283.418
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804218.ssf	Wellnumber:	73
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POF
Site id:	CAOG11000198438		

BT405

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221104

District nun:	1	Api number:	05906176
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221104		

BX406

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000198437

District nun:	1	Api number:	05921015
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	291.237
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	71
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000198437		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BX407
NW
1/2 - 1 Mile

OIL_GAS CAOG11000198436

District nun:	1	Api number:	05921014
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	286.392
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	70
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000198436		

408
WNW
1/2 - 1 Mile

OIL_GAS CAOG11000196598

District nun:	1	Api number:	05906397
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	288.391
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	60
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196598		

CL409
West
1/2 - 1 Mile

OIL_GAS CAOG11000221078

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906142
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221078		

BS410 SE 1/2 - 1 Mile

OIL_GAS

CAOG11000196524

District nun:	1	Api number:	05906245
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.409
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196524		

411 WNW 1/2 - 1 Mile

OIL_GAS

CAOG11000221217

District nun:	1	Api number:	05906376
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	39
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221217		

CL412

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221071

District nun:	1	Api number:	05906132
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221071		

BZ413

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000195398

District nun:	1	Api number:	05902952
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.595
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000195398		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CM414

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196611

District nun:	1	Api number:	05906451
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	279.702
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Richfield	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196611		

CB415

NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000221267

District nun:	1	Api number:	05906439
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	J. W. Newell	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221267		

CF417

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196620

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906468
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.701
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	XW13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196620		

CF416 ESE 1/2 - 1 Mile

OIL_GAS CAOG11000196619

District nun:	1	Api number:	05906468
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.701
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	XW13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196619		

CG418 SE 1/2 - 1 Mile

OIL_GAS CAOG11000196448

District nun:	1	Api number:	05906063
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	248.556
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804158.ssf	Wellnumber:	X9
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196448		

CI419

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196522

District nun:	1	Api number:	05906243
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	239.611
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196522		

CL420

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221116

District nun:	1	Api number:	05906193
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	75
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221116		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

BT421
West
1/2 - 1 Mile

OIL_GAS CAOG11000222140

District nun:	1	Api number:	05920023
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	85
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222140		

CN422
East
1/2 - 1 Mile

OIL_GAS CAOG11000221292

District nun:	1	Api number:	05906478
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson & Goodwin	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221292		

423
NNW
1/2 - 1 Mile

OIL_GAS CAOG11000221020

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906034
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bradford Bros. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3-BB
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221020		

CF424 ESE 1/2 - 1 Mile

OIL_GAS CAOG11000196650

District nun:	1	Api number:	05906560
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.969
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	XW14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196650		

CF425 ESE 1/2 - 1 Mile

OIL_GAS CAOG11000196651

District nun:	1	Api number:	05906560
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.969
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804238.ssf	Wellnumber:	XW14
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196651		

CL426

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221073

District nun:	1	Api number:	05906135
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221073		

CF427

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221344

District nun:	1	Api number:	05906546
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221344		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CM428

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221353

District nun:	1	Api number:	05906558
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Blackhawk Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hugo	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221353		

CM429

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221014

District nun:	1	Api number:	05906028
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Estate of A. H. Bradford		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	4-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221014		

CM430

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221350

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906555
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Blackhawk Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hugo	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221350		

CN431

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221296

District nun:	1	Api number:	05906483
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson & Goodwin	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221296		

CO432

North

1/2 - 1 Mile

OIL_GAS

CAOG11000221262

District nun:	1	Api number:	05906434
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	E. L. Newell	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221262		

CE433 ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221291

District nun:	1	Api number:	05906477
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson & Goodwin	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221291		

CC434 NE

1/2 - 1 Mile

OIL_GAS

CAOG11000196632

District nun:	1	Api number:	05906503
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	321.496
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Joe J.	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196632		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CP435

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196527

District nun:	1	Api number:	05906248
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	247.28
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196527		

CQ436

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000222155

District nun:	1	Api number:	05920078
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Towell	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222155		

CQ437

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000222156

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920078
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Towell	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222156		

CM438

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196610

District nun:	1	Api number:	05906450
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	287.286
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Richfield	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196610		

CH439

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000221342

District nun:	1	Api number:	05906544
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mid-Center Oil Co. Ltd.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	Sliter	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221342		

CG440 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196529

District nun:	1	Api number:	05906250
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.206
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196529		

CF441 ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196646

District nun:	1	Api number:	05906547
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.881
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196646		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CM442

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221016

District nun:	1	Api number:	05906030
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Estate of A. H. Bradford		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	6-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221016		

CR443

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221036

District nun:	1	Api number:	05906066
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Conoco Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stern	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221036		

CP444

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196523

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906244
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	247.396
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	2378		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196523		

CP445

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000195115

District nun:	1	Api number:	05900960
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.959
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000195115		

CP446

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000221143

District nun:	1	Api number:	05906242
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	The Superior Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	Griffith	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221143		

CQ447 ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221302

District nun:	1	Api number:	05906487
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Towell	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221302		

CN448 ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221297

District nun:	1	Api number:	05906484
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson & Goodwin	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221297		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CS449
WNW
1/2 - 1 Mile

OIL_GAS CAOG11000221204

District nun:	1	Api number:	05906361
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221204		

CT450
ENE
1/2 - 1 Mile

OIL_GAS CAOG11000221180

District nun:	1	Api number:	05906321
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ayers & Parsons	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221180		

CM451
East
1/2 - 1 Mile

OIL_GAS CAOG11000221013

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906027
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Estate of A. H. Bradford		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221013		

CM452

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221351

District nun:	1	Api number:	05906556
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Blackhawk Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hugo	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221351		

CT453

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221183

District nun:	1	Api number:	05906324
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	5
Leasename:	Ayers & Parsons	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221183		

CU454 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196530

District nun:	1	Api number:	05906251
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.457
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	X16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196530		

CI455 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196182

District nun:	1	Api number:	05906233
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.097
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196182		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CN456

East

1/2 - 1 Mile

OIL_GAS

CAOG11000222112

District nun:	1	Api number:	05907891
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson & Goodwin	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222112		

CO457

NNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221019

District nun:	1	Api number:	05906033
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bradford Bros. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2-BB
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221019		

CV458

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196609

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906446
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Bridgemark Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	289.598
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Richfield	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196609		

CK459

NW

1/2 - 1 Mile

OIL_GAS

CAOG11000196597

District nun:	1	Api number:	05906396
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	295.045
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804218.ssf		
Leasename:	Chapman	Wellnumber:	59
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196597		

CU460

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000195397

District nun:	1	Api number:	05902951
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.851
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804158.ssf	Wellnumber:	X15
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000195397		

CJ461

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221075

District nun:	1	Api number:	05906137
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221075		

CP462

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196515

District nun:	1	Api number:	05906235
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	244.887
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196515		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CN463

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221015

District nun:	1	Api number:	05906029
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Estate of A. H. Bradford		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	5-R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221015		

464

NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000196274

District nun:	1	Api number:	05905694
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	326.922
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Blattner	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196274		

CW465

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221037

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906067
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Conoco Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stern	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221037		

CM466

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221348

District nun:	1	Api number:	05906553
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Blackhawk Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hugo	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221348		

CL467

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221124

District nun:	1	Api number:	05906204
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	Kraemer 3	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221124		

CU468 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221035

District nun:	1	Api number:	05906062
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Conoco Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Santa Fe	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221035		

CX469 ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196438

District nun:	1	Api number:	05906051
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.918
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	XW3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196438		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CS470
WNW
1/2 - 1 Mile

OIL_GAS CAOG11000221193

District nun:	1	Api number:	05906349
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221193		

471
NE
1/2 - 1 Mile

OIL_GAS CAOG11000221321

District nun:	1	Api number:	05906516
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Imperial Gypsum & Oil Corp.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Shanklin	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221321		

CS472
West
1/2 - 1 Mile

OIL_GAS CAOG11000221384

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906596
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Shell Western Exploration & Production Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221384		

CY473

WSW

1/2 - 1 Mile

OIL_GAS

CAOG11000221076

District nun:	1	Api number:	05906138
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 2	Wellnumber:	17-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221076		

CU474

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221260

District nun:	1	Api number:	05906432
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	R. E. Doherty, Jr.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	UMN1
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221260		

CV475

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221295

District nun:	1	Api number:	05906482
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson & Goodwin	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221295		

CN476

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221274

District nun:	1	Api number:	05906448
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Richfield	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221274		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CZ477

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000196633

District nun:	1	Api number:	05906504
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	324.96
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Joe J.	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196633		

DA478

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221388

District nun:	1	Api number:	05906600
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Shell Western Exploration & Production Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	31
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221388		

CU479

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221050

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906084
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Frederick Oil Corp.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Richfield Community	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221050		

CX480

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221354

District nun:	1	Api number:	05906559
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	X45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221354		

DB481

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221188

District nun:	1	Api number:	05906342
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	5
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221188		

482
SSW
1/2 - 1 Mile

OIL_GAS

CAOG11000221046

District nun:	1	Api number:	05906080
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Drilling & Expl Co. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Drilexco-State-Bennett	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221046		

DC483
ESE
1/2 - 1 Mile

OIL_GAS

CAOG11000196440

District nun:	1	Api number:	05906053
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	251.288
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	XW4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196440		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CU484

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196445

District nun:	1	Api number:	05906059
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	251.903
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	X21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196445		

DB485

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221057

District nun:	1	Api number:	05906115
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Collins	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221057		

DD486

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221123

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906203
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 3	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221123		

DE487

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221294

District nun:	1	Api number:	05906481
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson & Goodwin	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221294		

CR488

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000217414

District nun:	1	Api number:	05900380
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	The Superior Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	Mondotte	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000217414		

DB489

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221059

District nun:	1	Api number:	05906117
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Collins	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221059		

CQ490

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221181

District nun:	1	Api number:	05906322
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ayers & Parsons	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221181		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CW491

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196446

District nun:	1	Api number:	05906060
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	241.952
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196446		

CY492

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221122

District nun:	1	Api number:	05906202
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	31
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer Fee	Wellnumber:	2-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221122		

DE493

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221275

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906449
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Richfield	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221275		

**494
NW
1/2 - 1 Mile**

OIL_GAS CAOG11000221060

District nun:	1	Api number:	05906118
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Collins	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221060		

**DF495
SSE
1/2 - 1 Mile**

OIL_GAS CAOG11000196180

District nun:	1	Api number:	05906232
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	246.471
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804158.ssf	Wellnumber:	ZW14
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196180		

DF496

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196181

District nun:	1	Api number:	05906232
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	246.471
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196181		

DC497

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196444

District nun:	1	Api number:	05906057
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	248.046
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	XW5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196444		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

CV498

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221293

District nun:	1	Api number:	05906480
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thompson & Goodwin	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221293		

CY499

West

1/2 - 1 Mile

OIL_GAS

CAOG11000220906

District nun:	1	Api number:	05905895
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Bishop Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	31
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000220906		

DG500

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221352

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906557
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Hugo	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221352		

DC501

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221034

District nun:	1	Api number:	05906058
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Conoco Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Pyne B	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221034		

DG502

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221349

District nun:	1	Api number:	05906554
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Blackhawk Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	Hugo	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221349		

DH503 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000194041

District nun:	1	Api number:	05900379
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	246.072
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194041		

DI504 WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221201

District nun:	1	Api number:	05906357
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221201		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DJ505

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196439

District nun:	1	Api number:	05906052
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	255.243
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	X23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196439		

DK506

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000220797

District nun:	1	Api number:	05905697
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	D. W.	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000220797		

DK507

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221024

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906039
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	California Consolidated Oil Corp.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mcfadden	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221024		

DE508
ENE
1/2 - 1 Mile

OIL_GAS CAOG11000221273

District nun:	1	Api number:	05906447
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Richfield	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221273		

CZ509
NE
1/2 - 1 Mile

OIL_GAS CAOG11000196634

District nun:	1	Api number:	05906505
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	326.742
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804178.ssf	Wellnumber:	4
Leasename:	Joe J.	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196634		

DE510

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221276

District nun:	1	Api number:	05906452
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Richfield	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221276		

DD511

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221129

District nun:	1	Api number:	05906209
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 3	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221129		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

512
NNE
1/2 - 1 Mile

OIL_GAS CAOG11000196465

District nun:	1	Api number:	05906100
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	331.87
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59807149.ssf		
Leasename:	Blattner	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196465		

DL513
NNW
1/2 - 1 Mile

OIL_GAS CAOG11000221775

District nun:	1	Api number:	05907347
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Viking Oil Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wagner	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221775		

DJ514
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000196441

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906054
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	253.599
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	X24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196441		

515 SSE 1/2 - 1 Mile

OIL_GAS CAOG11000196514

District nun:	1	Api number:	05906234
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	246.753
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196514		

DM516 NE 1/2 - 1 Mile

OIL_GAS CAOG11000196463

District nun:	1	Api number:	05906098
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	310.941
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804178.ssf	Wellnumber:	2
Leasename:	Blattner	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196463		

DL517

NNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221325

District nun:	1	Api number:	05906521
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	David C Jones & Richard Jones		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wagner	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221325		

DE518

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000305064

District nun:	1	Api number:	05907875
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ayers & Parsons	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000305064		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DH519

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000197117

District nun:	1	Api number:	05907329
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	244.796
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000197117		

DN520

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196635

District nun:	1	Api number:	05906510
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.109
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	X22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196635		

DA521

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221127

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906207
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 3	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221127		

DK522

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000220796

District nun:	1	Api number:	05905696
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	D. W.	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220796		

DO523

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196447

District nun:	1	Api number:	05906061
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	244.415
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804158.ssf	Wellnumber:	Z20
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196447		

DG524

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221408

District nun:	1	Api number:	05906635
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bayha	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221408		

DD525

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221125

District nun:	1	Api number:	05906205
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 3	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221125		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DE526

East
1/2 - 1 Mile

OIL_GAS

CAOG11000198247

District nun:	1	Api number:	05920852
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Sherwin D. Yoelin		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	301.535
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804168.ssf		
Leasename:	Rex M. Cook	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198247		

DP527

WNW
1/2 - 1 Mile

OIL_GAS

CAOG11000221195

District nun:	1	Api number:	05906351
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221195		

528

SSE
1/2 - 1 Mile

OIL_GAS

CAOG11000221027

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906042
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	CA-SP No. 1		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Placentia Unit	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221027		

DG529

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221409

District nun:	1	Api number:	05906636
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bayha	Wellnumber:	1-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221409		

DQ530

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196442

District nun:	1	Api number:	05906055
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.256
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804288.ssf	Wellnumber:	XW6
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196442		

531 North 1/2 - 1 Mile

OIL_GAS

CAOG11000220900

District nun:	1	Api number:	05905888
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Alford Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Robertson	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000220900		

DI532 WNW 1/2 - 1 Mile

OIL_GAS

CAOG11000221206

District nun:	1	Api number:	05906363
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221206		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

533
South
1/2 - 1 Mile

OIL_GAS CAOG11000221147

District nun:	1	Api number:	05906259
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bennett	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221147		

534
East
1/2 - 1 Mile

OIL_GAS CAOG11000196407

District nun:	1	Api number:	05905898
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Sherwin D. Yoelin		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	302.504
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804168.ssf		
Leasename:	Breen	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196407		

DL535
NNW
1/2 - 1 Mile

OIL_GAS CAOG11000221138

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906224
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wagner Community	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221138		

DP536 WNW 1/2 - 1 Mile

OIL_GAS CAOG11000221058

District nun:	1	Api number:	05906116
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Collins	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221058		

DJ538 East 1/2 - 1 Mile

OIL_GAS CAOG11000196679

District nun:	1	Api number:	05906639
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.566
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804238.ssf	Wellnumber:	XW18
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196679		

DJ537

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196678

District nun:	1	Api number:	05906639
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.566
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	XW18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196678		

539

NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000221171

District nun:	1	Api number:	05906301
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Shell Western Exploration & Production Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Robbins	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221171		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DJ540

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000198009

District nun:	1	Api number:	05920660
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.233
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	X31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198009		

DJ541

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000198008

District nun:	1	Api number:	05920659
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.027
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	X32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198008		

542

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221212

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906370
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221212		

DH543

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196451

District nun:	1	Api number:	05906068
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.026
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196451		

DJ544

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000198010

District nun:	1	Api number:	05920661
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.638
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804288.ssf	Wellnumber:	X33
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198010		

DJ545

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000198014

District nun:	1	Api number:	05920665
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.42
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	XW19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198014		

DJ546

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000198015

District nun:	1	Api number:	05920665
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.42
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	XW19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198015		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DJ547

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196676

District nun:	1	Api number:	05906637
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	251.769
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	XW7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196676		

DQ548

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196443

District nun:	1	Api number:	05906056
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	247.041
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	X25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196443		

549

NW

1/2 - 1 Mile

OIL_GAS

CAOG11000221184

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906325
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bloomfield-Kelly	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221184		

DJ550
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000198016

District nun:	1	Api number:	05920666
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.798
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	XW8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198016		

DQ551
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000198321

District nun:	1	Api number:	05920912
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.584
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804288.ssf	Wellnumber:	X47
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198321		

DJ552

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000198012

District nun:	1	Api number:	05920663
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.366
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198012		

DF554

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196517

District nun:	1	Api number:	05906236
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	255.851
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196517		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DF553

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000196516

District nun:	1	Api number:	05906236
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	255.851
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196516		

DJ555

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000198011

District nun:	1	Api number:	05920662
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.995
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198011		

DR556

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221182

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906323
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ayers & Parsons	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221182		

DJ557
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000198013

District nun:	1	Api number:	05920664
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.575
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198013		

DS558
NW
1/2 - 1 Mile

OIL_GAS CAOG11000221061

District nun:	1	Api number:	05906119
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	Cuff	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221061		

DT559

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000220794

District nun:	1	Api number:	05905693
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	D. W.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220794		

DM560

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000196462

District nun:	1	Api number:	05906097
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	326.442
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804168.ssf		
Leasename:	Blattner	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196462		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

561
SSW
1/2 - 1 Mile

OIL_GAS CAOG11000221142

District nun:	1	Api number:	05906238
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	The Superior Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	32
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bennett	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221142		

DJ562
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000221415

District nun:	1	Api number:	05906650
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Thomson	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221415		

DQ563
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000196556

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906305
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	254.519
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	XW9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196556		

DU564

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196453

District nun:	1	Api number:	05906071
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	247.252
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196453		

DI565

WNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221202

District nun:	1	Api number:	05906358
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	21
Leasename:	Chapman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221202		

DM566 NE

1/2 - 1 Mile

OIL_GAS

CAOG11000221312

District nun:	1	Api number:	05906506
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kellogg	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221312		

DO567 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196562

District nun:	1	Api number:	05906312
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	242.605
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196562		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DQ568

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196682

District nun:	1	Api number:	05906644
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.128
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196682		

DV569

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000220907

District nun:	1	Api number:	05905896
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Boswell Petroleum Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Breen	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000220907		

DQ570

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196681

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906643
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	254.701
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X39
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196681		

DR571

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221333

District nun:	1	Api number:	05906535
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Howard W. Lindow		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ogle Fee	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221333		

DN573

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196437

District nun:	1	Api number:	05906050
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.686
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804288.ssf	Wellnumber:	XW10R
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196437		

DN572

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196436

District nun:	1	Api number:	05906050
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.686
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	XW10R
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196436		

DV574

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000220908

District nun:	1	Api number:	05905897
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Boswell Petroleum Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Breen	Wellnumber:	1-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220908		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DS575

NW

1/2 - 1 Mile

OIL_GAS

CAOG11000221386

District nun:	1	Api number:	05906598
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Shell Western Exploration & Production Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Cuff	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221386		

576

West

1/2 - 1 Mile

OIL_GAS

CAOG11000217742

District nun:	1	Api number:	05900938
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kraemer II Partners		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 3	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000217742		

DU577

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196435

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906048
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.126
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196435		

DN578

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221032

District nun:	1	Api number:	05906047
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Conoco Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221032		

579

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221052

District nun:	1	Api number:	05906086
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Hamilton and Sherman		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	31
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	3-2
Leasename:	Kraemer	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221052		

DU580 SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196452

District nun:	1	Api number:	05906069
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	244.501
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196452		

DR581 ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221012

District nun:	1	Api number:	05906026
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	T. H. Weeda Construction		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Page	Wellnumber:	1-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221012		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DW583

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196648

District nun:	1	Api number:	05906548
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.049
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196648		

DW582

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196647

District nun:	1	Api number:	05906548
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.049
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196647		

DX584

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221368

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906577
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Sam P. Mullen		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Atwood	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221368		

585
NE
1/2 - 1 Mile

OIL_GAS CAOG11000196464

District nun:	1	Api number:	05906099
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Plegel Oil Company, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	329.37
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804178.ssf		
Leasename:	Blattner	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196464		

DX586
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000221381

District nun:	1	Api number:	05906593
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Richfield-Yorba Oil Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221381		

DR587 ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000220909

District nun:	1	Api number:	05905899
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Boswell Petroleum Co.		
County name:	Orange	Fieldname:	Any Field
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Page	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000220909		

588 ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196683

District nun:	1	Api number:	05906646
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	245.25
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196683		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DY589

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000220798

District nun:	1	Api number:	05905698
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	D. W.	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000220798		

DX590

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221304

District nun:	1	Api number:	05906489
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	X27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221304		

DZ591

NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000221272

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906445
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	North Richfield Unit	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221272		

DT592
NE
1/2 - 1 Mile

OIL_GAS CAOG11000220799

District nun:	1	Api number:	05905699
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Edwards	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220799		

DX593
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000221047

District nun:	1	Api number:	05906081
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	X28
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221047		

DW594

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196564

District nun:	1	Api number:	05906314
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.599
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196564		

EA595

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196563

District nun:	1	Api number:	05906313
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	246.966
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196563		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DZ596

NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000222102

District nun:	1	Api number:	05907876
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	North Richfield Unit	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000222102		

DX597

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221327

District nun:	1	Api number:	05906523
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	X29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221327		

DU599

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221177

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906311
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	ZW8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221177		

DU598

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221176

District nun:	1	Api number:	05906311
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	ZW8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221176		

EA600

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196557

District nun:	1	Api number:	05906306
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	239.146
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804158.ssf	Wellnumber:	Z27
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196557		

EB601

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221314

District nun:	1	Api number:	05906508
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Page	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221314		

602

NNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221045

District nun:	1	Api number:	05906079
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Roy P. Dolley		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wagner	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221045		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

DZ603

NNE

1/2 - 1 Mile

OIL_GAS

CAOG11000221051

District nun:	1	Api number:	05906085
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	North Richfield Unit	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221051		

EC604

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196677

District nun:	1	Api number:	05906638
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	248.149
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	X43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196677		

DX605

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221175

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906308
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	XW10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221175		

DX606 ESE 1/2 - 1 Mile

OIL_GAS CAOG11000196558

District nun:	1	Api number:	05906307
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	249.508
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	X41
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196558		

DY607 NE 1/2 - 1 Mile

OIL_GAS CAOG11000220795

District nun:	1	Api number:	05905695
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	D. W.	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220795		

DY608 ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221777

District nun:	1	Api number:	05907349
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Stephen L. White		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Palomar	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221777		

ED609 ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221038

District nun:	1	Api number:	05906070
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Conoco Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Winnan	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221038		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

EE610
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000196684

District nun:	1	Api number:	05906649
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	254.877
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	XW11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196684		

611
WSW
1/2 - 1 Mile

OIL_GAS CAOG11000221121

District nun:	1	Api number:	05906201
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	31
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	A. R. Kraemer	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221121		

DX612
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000196639

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906525
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.354
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196639		

DX613
ESE
1/2 - 1 Mile

OIL_GAS CAOG11000196640

District nun:	1	Api number:	05906525
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.354
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	Z30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196640		

DY614
ENE
1/2 - 1 Mile

OIL_GAS CAOG11000221776

District nun:	1	Api number:	05907348
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Vi-Roi Oil Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	Gulf Dyckman	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221776		

EF615

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221780

District nun:	1	Api number:	05907352
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Richard R. Workman and Carl O. Spath		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Page-Cook	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221780		

EG616

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000221311

District nun:	1	Api number:	05906501
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Edwards	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221311		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

617
North
1/2 - 1 Mile

OIL_GAS CAOG11000221340

District nun:	1	Api number:	05906542
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	The McCarthy Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Berkenstock	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221340		

618
NNW
1/2 - 1 Mile

OIL_GAS CAOG11000220899

District nun:	1	Api number:	05905887
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Action Oil and Dev. Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wagner	Wellnumber:	1-29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000220899		

619
NE
1/2 - 1 Mile

OIL_GAS CAOG11000220800

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05905700
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pyramid Oil Company		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Edwards	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220800		

620 NW 1/2 - 1 Mile

OIL_GAS CAOG11000221131

District nun:	1	Api number:	05906213
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Loftus & O'brien	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221131		

EH621 ESE 1/2 - 1 Mile

OIL_GAS CAOG11000196680

District nun:	1	Api number:	05906641
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	253.13
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	59804238.ssf	Wellnumber:	XW12
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196680		

EC622

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196566

District nun:	1	Api number:	05906317
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	275.141
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	YW1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196566		

EC623

East

1/2 - 1 Mile

OIL_GAS

CAOG11000196565

District nun:	1	Api number:	05906316
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.255
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	Y1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196565		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

El624

East
1/2 - 1 Mile

OIL_GAS

CAOG11000221366

District nun:	1	Api number:	05906575
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	United Carpenter	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221366		

EH625

ESE
1/2 - 1 Mile

OIL_GAS

CAOG11000221412

District nun:	1	Api number:	05906645
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kammerer	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221412		

EB626

East
1/2 - 1 Mile

OIL_GAS

CAOG11000221778

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907350
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Western Well Pulling Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Brown	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221778		

EB627

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221043

District nun:	1	Api number:	05906077
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	R. E. Doherty, Jr.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Brown	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221043		

EI628

East

1/2 - 1 Mile

OIL_GAS

CAOG11000221338

District nun:	1	Api number:	05906540
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Maplehurst Oil Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	Carpenter	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221338		

**ED629
ESE**

1/2 - 1 Mile

OIL_GAS

CAOG11000221033

District nun:	1	Api number:	05906049
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Conoco Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Lypps	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221033		

**630
WNW**

1/2 - 1 Mile

OIL_GAS

CAOG11000221231

District nun:	1	Api number:	05906398
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Chapman	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221231		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

631

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221332

District nun:	1	Api number:	05906534
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Howard W. Lindow		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mann	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221332		

632

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000221174

District nun:	1	Api number:	05906304
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Phillips Petroleum Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Signal-Grace	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221174		

EE633

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196545

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906281
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	261.04
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	Y3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196545		

EC634

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196546

District nun:	1	Api number:	05906282
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	254.99
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	Y2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196546		

EJ635

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221411

District nun:	1	Api number:	05906642
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	X44
Leasename:	Redu	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221411		

EK636

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000196643

District nun:	1	Api number:	05906528
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Douglas Whitney		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	280.199
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804208.ssf		
Leasename:	Page	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196643		

EJ637

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196559

District nun:	1	Api number:	05906309
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.734
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	X42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196559		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

ED638

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196641

District nun:	1	Api number:	05906526
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.125
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196641		

ED639

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196642

District nun:	1	Api number:	05906526
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	252.125
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196642		

640

NNW

1/2 - 1 Mile

OIL_GAS

CAOG11000221317

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906512
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Herndon & Hunter		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	29
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221317		

641
East
1/2 - 1 Mile

OIL_GAS CAOG11000221044

District nun:	1	Api number:	05906078
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	R. E. Doherty, Jr.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Brown	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221044		

EL642
West
1/2 - 1 Mile

OIL_GAS CAOG11000221126

District nun:	1	Api number:	05906206
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	3
Leasename:	Kraemer 3	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221126		

EE643

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196547

District nun:	1	Api number:	05906286
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	294.513
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804238.ssf		
Leasename:	Redu	Wellnumber:	Y4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196547		

ED645

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196638

District nun:	1	Api number:	05906524
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.3
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196638		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

ED644

SE

1/2 - 1 Mile

OIL_GAS

CAOG11000196637

District nun:	1	Api number:	05906524
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	250.3
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804158.ssf		
Leasename:	Redu	Wellnumber:	ZW13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000196637		

EL646

West

1/2 - 1 Mile

OIL_GAS

CAOG11000221128

District nun:	1	Api number:	05906208
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	30
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kraemer 3	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221128		

EG647

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000196644

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906531
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	K & J Oil Co Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	323.709
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59807149.ssf		
Leasename:	Pomykata	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196644		

EF648

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221330

District nun:	1	Api number:	05906530
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Lee Drilling Co.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Osmun	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221330		

EK649

ENE

1/2 - 1 Mile

OIL_GAS

CAOG11000221782

District nun:	1	Api number:	05907354
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Wm. I. Zidell		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	28
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	3
Leasename:	Ogle Fee	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221782		

EH650 ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000221159

District nun:	1	Api number:	05906280
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Saba Petroleum, Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Redu	Wellnumber:	Y5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221159		

EH651 ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000196548

District nun:	1	Api number:	05906287
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	254.326
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	Y6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196548		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

EH652

ESE

1/2 - 1 Mile

OIL_GAS

CAOG11000198322

District nun:	1	Api number:	05920913
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Greka Oil & Gas Inc.		
County name:	Orange	Fieldname:	Richfield
Area name:	Any Area	Section:	33
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	251.253
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	59804288.ssf		
Leasename:	Redu	Wellnumber:	Y53
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198322		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92870	63	9

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX E RESUMES OF PROJECT PERSONNEL