APPENDIX S-C

SUPPLEMENTAL HAZARDOUS MATERIAL REPORTS AND ENVIRONMENTAL DATABASE REVIEW FOR FRIAS SUBSTATION

HAZARDOUS MATERIALS ASSESSMENT
PROPOSED DESERT XPRESS RAIL LINE
SEGMENT 2, ALTERNATIVE C
SLOAN SUBSTATION
VICTORVILLE, CALIFORNIA, TO
LAS VEGAS, NEVADA

DRAFT

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October 29, 2009
Project No. 206725003

October 29, 2009
Project No. 206725003

Mr. John Cook
CirclePoint
135 Main Street, Suite 1600
San Francisco, California 94105

Subject: Hazardous Materials Assessment
Proposed Desert Xpress Rail Line, Segment 2, Alternative C
Sloan Substation
Victorville, California, to Las Vegas, Nevada

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Dear Mr. Cook:

In accordance with your authorization, Ninyo & Moore has completed a Hazardous Materials Assessment (HMA) for Segment 2, Alternative C and for the Sloan Substation along the proposed Desert Xpress rail corridor, which is proposed to run between Victorville, California, and Las Vegas, Nevada. The report describes our findings, methodologies, and conclusions.

We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINYO & MOORE

Beth A. Padgett
Senior Staff Environmental Geologist

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BAP/JJR/sc

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1. HAZARDOUS MATERIALS

CirclePoint authorized Ninyo & Moore to perform a Hazardous Materials Assessment (HMA) of portions of a proposed rail corridor (The Desert Xpress) between Victorville, California, and Las Vegas, Nevada and a proposed station location. The HMA was performed to evaluate, to the extent practical, Segment 2, Alternative C (Segment 2C) and the Sloan Substation (herein referred to collectively as "site" or "project") for the corridor where unauthorized releases of hazardous materials have occurred. This HMA addresses properties located along Interstate 15 (I-15), in Barstow, California, and near Sloan, Nevada. The HMA has been performed in accordance with Proposal No. P-12868C, dated July 31, 2009. The field assessment portion of this HMA was performed during September 2009 according to the scope of work (SOW) agreed to by Ninyo & Moore and CirclePoint.

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1.1. Scope of Services

The scope of this HMA included but was not limited to the following tasks:

- Project coordination and participation in client teleconferences necessary to comply with project requirements.
- Review of existing maps and reports of past assessments and corrective actions, if available, for the alignment and properties located in near proximity to the alignment. Review of readily available historical aerial photographs of the alignment and vicinity.
- A review of a computerized database search of readily available government environmental lists and databases for properties located adjacent to the proposed alignment and the proposed station.
- A drive-by reconnaissance of the project sites to visually evaluate areas of possibly contaminated surface soil or surface water, improperly stored hazardous materials, and possible risks of contamination from activities within and adjacent to the proposed Segment 2C and proposed substation.
- Properties with potential hazardous materials impacts to the project were screened. Hazardous materials issues associated with the operation of the rail line were also assessed and summarized. Findings are summarized in map and table form. Our findings regarding hazardous materials issues, as well as conclusions and recommendations for additional testing, are summarized in this report so that they may be incorporated into the Environmental Impact Statement (EIS) document.

1.2. Purpose

The purpose of this HMA was to evaluate the likelihood that hazardous materials may be present in soil or groundwater beneath the site as a result of on-site or off-site activities. For the most part, the site consists of freeway shoulders, freeway medians, and vacant high-desert land; the emphasis of our evaluation was primarily on off-site properties which adjoin the site. The likelihood of specific areas of the site being contaminated by hazardous materials was ranked as high, moderate, or low based on the following descriptions:

- **High** – Property with known or probable contamination within the area of the project. An example of a property in this category would be a leaking underground storage tank (LUST) property where remediation had not been started or was not yet finished.

- **Moderate** – Property with potential or suspected contamination within the area of the project. Examples of properties in this category would be LUST properties in the vicinity of the site that are in final stages of remediation or in post-remediation monitoring. LUST properties adjacent to the site are considered to be in this category, regardless of case status, as deed restrictions may exist for closed LUST cases. A second example would be a property within or adjoining the site with known use or storage of hazardous materials which had received violation notices from an inspecting agency or where visual evidence of inadequate chemical and storage practices (such as significant staining) were observed but where no environmental assessments had occurred. Also included in this category are facilities within or adjoining the site where underground storage tanks (USTs) are likely present, but that appeared to be abandoned by their former operators.

- **Low** – Property which uses or stores hazardous materials but with no significant violations, known releases, or evidence of inadequate chemical-handling practices. Example properties would be active UST or dry cleaning facilities with no documented releases or properties that are not adjacent to the site and remediation of previous releases had been completed.

1.3. Limitations

This HMA has been prepared for use by CirclePoint. The information presented in this report is based on the project SOW (Section 1.1). Ninyo & Moore has relied on information provided by others in our description of historical conditions and our review of regulatory databases and files. However, Ninyo & Moore makes no warranties or guarantees regarding the accuracy or completeness of the information provided or compiled by others. Ninyo & Moore observed properties adjoining the proposed rail line and substation location from

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public right-of-way (R/W) only in accordance with our SOW. In areas inaccessible by public R/W; an effort was made to observe features at a distance. Ninyo & Moore did not conduct interviews with individual property representatives.

No HMA can completely eliminate uncertainty regarding the potential for hazardous materials conditions in connection with a property. Performance of this HMA is intended to reduce, but not eliminate, uncertainty regarding the presence of hazardous materials conditions. The available data do not provide definitive information relative to past uses, operations, or incidents at the site or adjacent properties. The existence of site contamination that was not identified during this HMA, is possible and cannot be adequately assessed without additional research beyond the stated SOW. Further evaluation of these types of risks could include subsurface exploration, sampling, and/or other forms of testing.

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In addition, some substances may be present within the proposed corridor and substation area or in the vicinity in quantities below those categorized as actionable by current environmental regulations. Ninyo & Moore cannot be responsible if regulatory standards are changed in the future in a manner that renders the current site conditions actionable.

2. REGULATORY REQUIREMENTS AND METHODS OF EVALUATION

2.1. Regulatory Requirements

Hazardous materials and hazardous wastes are regulated by numerous state and federal laws. These include not only specific statutes governing hazardous waste but also a variety of laws regulating air and water quality, human health, and land use.

2.1.1. Federal Requirements

The primary federal laws regulating hazardous wastes/materials are the Resource Conservation and Recovery Act of 1976 (RCRA) and the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). The purpose of CERCLA, often referred to as Superfund, is to clean up contaminated sites so that pub-

lic health and welfare are not compromised. RCRA provides for "cradle to grave" regulation of hazardous wastes. Other federal laws include:

- Community Environmental Response Facilitation Act (CERFA) of 1992
- Clean Water Act
- Clean Air Act
- Safe Drinking Water Act
- Occupational Safety & Health Act (OSHA)
- Atomic Energy Act
- Toxic Substances Control Act (TSCA)
- Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

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In addition to the acts listed above, Executive Order 12088, Federal Compliance with Pollution Control, mandates that necessary actions be taken to prevent and control environmental pollution when federal activities or federal facilities are involved.

2.1.2. State Requirements

Worker health and safety and public safety are key issues when dealing with hazardous materials that may affect human health and the environment. Proper disposal of hazardous substances is vital if it is disturbed during project construction.

Hazardous waste management in California is regulated primarily under the authority of the California Health and Safety Code. Other California laws that affect hazardous waste are specific to handling, storage, transportation, disposal, treatment, reduction, cleanup, and emergency planning.

Hazardous waste management in Nevada is regulated primarily under the authority of the Nevada Division of Environmental Protection.

2.1.3. Regional and Local Requirements

The following is a description of the local agencies that may have oversight in the project area.

2.1.3.1. California State Fire Marshal's (CSFM) Office

The CSFM supports the mission of the California Department of Forestry and Fire Protection by focusing on fire prevention. CSFM provides support through a wide variety of fire safety responsibilities, including regulating buildings in which people live, congregate, or are confined; by controlling substances and products which may, in and of themselves, or by their misuse, cause injuries, death and destruction by fire; by providing statewide direction for fire prevention within wildland areas; by regulating hazardous liquid pipelines; by reviewing regulations and building standards; and by providing training and education in fire protection methods and responsibilities.

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2.1.3.2. Mojave Desert Air Quality Management District (MDAQMD)

The California MDAQMD is the agency responsible for establishing criteria by which air quality in the project area is measured. For any particular locale, air quality is based on the amount of pollutants emitted and dispersed and the climatic conditions that may reduce or enhance the formation of pollutants. One of the MDAQMD's key tasks is to assure compliance with air quality rules and regulations and with state and federal air quality statues to achieve and sustain air quality standards throughout the Mojave Desert Air Basin in California.

2.1.3.3. San Bernardino County Fire Department, Hazardous Materials Division (SBCFD)

The SBCFD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and

use hazardous materials and generate hazardous wastes in San Bernardino County, California.

2.1.3.4. San Bernardino County Solid Waste Management Division (SBCSWMD)

The SBCSWMD has local regulatory oversight responsibility for active and closed landfills in San Bernardino County, California.

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2.1.3.5. Regional Water Quality Control Board (RWQCB)

The Southern Lahontan Region Regional Water Quality Control Board (LRWQCB) also has oversight jurisdiction with regard to releases (primarily to groundwater) from USTs and other point and regional sources within their jurisdiction in California. The RWQCB issues National Pollutant Discharge Elimination System (NPDES) permits.

2.1.3.6. Nevada State Fire Marshal's (NSFM) Office

This NSFM is responsible for permitting and regulating the storage, use, and transportation of hazardous materials within the state of Nevada. Additional services provided by the NSFM are hazardous materials inspections per the Nevada Revised Statutes (NRS) and Nevada Administrative Codes (NAC), regulation of hazardous liquid pipelines, and providing training and education in fire protection methods and responsibilities.

2.1.3.7. Nevada Department of Air Quality and Environment Management (DAQEM)

The Clark County, Nevada, DAQEM is responsible for monitoring the quality of the air throughout Clark County and ensuring that local entities and businesses are in compliance with air quality rules and regulations. In addition, DAQEM is re-

sponsible for the development of proper air quality control measures and educating the citizens of Clark County on good air quality habits.

The DAQEM is also tasked with monitoring the water quality in Clark County. As part of this responsibility, DAQEM has created a program that monitors municipal wastewater treatment, stormwater pollution prevention, groundwater management, and wellhead protection.

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2.1.3.8. Clark County Fire Department (CCFD)

The CCFD is the local lead agency that maintains records and files regarding hazardous materials use and storage by individuals and business within Clark County.

2.1.3.9. Southern Nevada Health District, Environmental Health (SNHD)

The SNHD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and use hazardous materials and generate hazardous waste. In addition, the SNHD also has local regulatory oversight responsibility for active and closed landfills.

2.2. Methods of Evaluation of Impacts

The following section describes the methods used to identify areas of the site or properties adjoining the site where unauthorized releases of hazardous materials have occurred.

2.2.1. Environmental Database Review

Ninyo & Moore obtained and reviewed automated database search reports for each proposed segment/alternative. Ninyo & Moore subcontracted FirstSearch™ to perform an environmental records search of federal, state, and local files for properties located within the study areas. A single database report was ordered for Segment 2C. The environmental database report from the previous HMA document (Ninyo & Moore, 2007) was reviewed for the Sloan Substation area.

The FirstSearch™ reports also include a list of "non-geocoded" properties that could not be mapped due to unknown or missing addresses or locations. Ninyo & Moore noted the properties that could be verified by site reconnaissance and aerial photograph review that fall within the $^{1}/_{8}$-mile corridor of interest. These properties have been included in our assessment of each alternative and are described within the text of each segment under the applicable database discussion. Non-geocoded properties not considered significant environmental concerns to the site and properties located beyond the boundaries of the corridors of interest and are not discussed. The FirstSearch™ reports are included as Appendix A.

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Regulatory agency databases that were reviewed include:

- National Priorities List (NPL) of the United States Environmental Protection Agency (EPA)
- Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS)
- Resource Conservation and Recovery Act (RCRA)
- Emergency Response Notification System (ERNS)
- California Environmental Protection Agency, Department of Toxic Substances Control, State Priority List (CAL-SITES)
- Nevada Environmental Protection Agency (NEV-STATE)
- Spills-1990 (California Only)
- Solid Waste Landfills (SWLs)
- Leaking Underground Storage Tank (LUST)
- Underground Storage Tanks (UST)

2.2.2. Aerial Photography

Ninyo & Moore reviewed aerial photography for both Segment 2C and substation location. Aerial photographs have been collected for the continental United States since the 1920s, with variable coverage and frequency (generally based on an area's importance

to national defense). Aerial photographs offer an opportunity for direct observation of site conditions across a period of time. These observations may include the locations of tank pits, drums, pits, ponds, lagoons, stained/stressed vegetation, or other site development features that can indicate potential contaminant sources.

Aerial photographs of Segment 2C were provided by Track Info Services, LLC. For this study, Ninyo & Moore reviewed aerial photographs taken in 1953, 1959, 1973, 1989, 1994, and 2002. The photographs reviewed varied in scale and clarity, and were taken from various altitudes. The Segment 2C photographs are provided in Appendix C. Aerial photographs of the Sloan Substation area were reviewed from the previous HMA document (Ninyo & Moore, 2007).

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The aerial photograph review served to further evaluate information gained from other sources and, in some cases, served as the primary source of information. Information that was gathered from aerial photographs is summarized in Sections 4.2.1.2 and 4.2.2.2. The data are limited primarily to areas of potential concern as revealed by regulatory data or our site reconnaissance. Historical features of potential environmental concern noted, which were not revealed by current sources, are also described in the tables.

2.2.3. Site Reconnaissance

A site reconnaissance was conducted to provide us with site-specific, current information about the site that is not obtainable through an environmental database review or aerial photograph review. Ninyo & Moore performed a site reconnaissance of the project area on October 16, 2009. The reconnaissance included viewing of the subject sites and adjoining properties from public R/W. Photographs of the site are presented in Appendix B.

During the site reconnaissance, Ninyo & Moore personnel looked for several indicators of potential environmental impacts to the project including significant staining or degraded pavement, USTs, aboveground storage tanks (ASTs), storage of significant quantities of hazardous materials and wastes, groundwater monitoring wells and reme-

diation systems, dry cleaning facilities, transformers, pesticide use, industrial facilities, current or historic gasoline stations, distressed vegetation, and the presence of pits, ponds, or lagoons. The presence of features such as ASTs, USTs, or chemical storage areas alone is not cause necessarily to classify a property as Moderate or High with regard to risk.

In general, Segment 2C consisted of the I-15 median, and the Sloan Substation consisted of vacant undeveloped land. Because of the large project area and the scope of services for this HMA, a property would not be listed as a facility of concern during the site reconnaissance unless it was in the immediate vicinity of one of the study areas and there was obvious evidence of a subsurface assessment and/or contamination remediation such as an operating remediation system, or drums of soil cuttings from a subsurface investigation that were readily observable from public R/W.

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The project will have a significant effect if there is exposure to the public and/or the environment to hazardous materials or petroleum compounds by project construction or operational activities. Construction activities could lead to exposure to contaminated soil or groundwater; the primary focus of the HMA is to identify properties affected by the proposed corridor where significant potential for such exposures is present. Operational activities, such as vehicle maintenance at the proposed maintenance facilities, present the potential for future releases of hazardous materials.

As described in Section 1.2, individual properties are classified as High, Moderate, or Low with regard to their potential to cause exposure to significant soil or groundwater contamination. The classification of each property was based on the type of operation (current or historical), proximity to the project alignments, hydrogeologic conditions, field observations, and regulatory information. The possible construction impacts and mitigation measures for each property, if classified as High or Moderate in the HMA, are discussed in this document.

In addition, we evaluated potential operational impacts related to use of hazardous materials at proposed maintenance facilities and elsewhere within the proposed corridor. Mitigation measures are identified for each significant impact identified.

3. AFFECTED ENVIRONMENT

The entire proposed Desert Xpress project includes several proposed linear corridors for the construction of a high-speed rail line between Victorville, California, and Las Vegas, Nevada. The corridors have been divided into six segments, some of which contain multiple alternatives. The overall length covered by the entire project comprises approximately 200 miles. The specific location of the proposed routes was obtained from maps provided by project applicant.

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The project areas evaluated for this document are Segment 2C and the Sloan Substation. The general site locations are presented on Figures 1A and 1B.

3.1. Regional Environment

The proposed rail line is situated in the Mojave Desert portion of the Basin and Range province. The Basin and Range is characterized by a repeating pattern of north-south trending mountain ranges separated by fault-bound basins. The current morphology developed as basins dropped and ranges rose during regional extension. Many of the basins are quite deep and filled with thousands of feet of alluvium shed from the adjacent ranges. In general, the sediment size decreases from gravels and sands to silts and clays with distance from the range.

Groundwater levels vary beneath the project area. Due to extensive faulting within the project area, localized regions with shallow perched groundwater may be present. According to a representative of the LRWQCB, groundwater is encountered at depths of approximately 50 feet to over 400 feet below ground surface (bgs) in the Segment 2C area. In addition, during storm events, the alluvial groundwater system can be as shallow as 10 feet bgs. Data from the California State Water Resources Control Board (SWRCB) GeoTracker website for LUST facilities located in Victorville, Barstow and Baker, indicated that groundwater is

generally encountered at 30 to 80 feet bgs. Groundwater levels in the project area are shallower near rivers and streams. Along the railroad right-of-way, depth to groundwater ranges from approximately 20 feet bgs in the city of Las Vegas, Nevada to over 400 feet bgs near Sloan, Nevada. Depth to groundwater and groundwater flow directions can also be influenced by seasonal variations in precipitation and other factors, including local irrigation (golf courses, recreation areas, residences) and groundwater pumping and are, therefore, subject to variation. In general, groundwater flow direction often mimics topography.

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3.2. Resources by Area of Investigation

The following sections provide a general overview of the resources associated with Segment 2C and the Sloan Substation areas based on information obtained from the database search reports, aerial photography, and the site reconnaissance.

3.2.1. Segment 2, Alternative C (Barstow, California)

Segment 2C comprises the I-15 median. It extends from the south at approximately the intersection of Hodge Road, south of Lenwood; through Barstow, to approximately the intersection of Fort Irwin Road, west of Yermo in the north; a distance of approximately 20 miles (Figure 2A). Adjoining properties to Segment 2C, consist of the I-15, associated interchanges, secondary roads, vacant undeveloped land, commercial and retail businesses, restaurants, and gasoline stations. Current significant uses of hazardous materials were not observed within the alignment of Segment 2C.

3.2.2. Sloan Substation (Sloan, Nevada)

The Sloan Substation area is approximately 9 acres of land adjacent to the east side of the I-15 and approximately 10 miles southwest of Sloan, Nevada (Figure 2B). The area comprises vacant undeveloped land. Adjoining properties to the Sloan Substation consist of primarily undeveloped vacant land and the I-15. South Las Vegas Boulevard and Pacific Union railroad tracks were observed south of the site. Current significant uses of hazardous materials were not observed within the Sloan Substation area.

4. ENVIRONMENTAL CONSEQUENCES

4.1. Regional Effects

4.1.1. Operational Period

Operational activities for the Desert Xpress will include such activities as train operations, track maintenance, and equipment maintenance. The operational impacts of these activities are confined to the rail R/W, stations, and maintenance yards. Ninyo & Moore understands that hazardous substance usage and storage will be confined to local maintenance yards. As such, no regional effect due to use and storage of hazardous materials is foreseen. Therefore, the potential for significant operational regional impacts related to hazardous materials is low.

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4.1.2. Construction Period

Construction of the Desert Xpress may require the removal of buildings, structures, and paving materials to accommodate new construction. No buildings were noted within the Segment 2C or the Sloan Substation areas. Although none of these features were observed at the sites, the site reconnaissance consisted of “drive-by” observations and prevented detailed site viewing. Therefore, there is still a low likelihood of these features existing within the site. If encountered during construction, demolition activities of buildings may encounter lead-based paint (LBP) and asbestos-containing building materials (ACMs). These materials would have to be transported to a proper disposal facility.

4.2. Effects by Segment

The following sections provide a general overview of our findings for the segment and station locations based on information obtained from the database search reports, aerial photography, and site reconnaissance.

Throughout the remainder of the text, discussion of specific properties of concern will be accompanied by a property identification number (e.g. 2C-1). This notation would indicate,

for example, that the property of concern is the first property of concern noted in Segment 2, Alternative C. These specific properties identification numbers appear throughout the text and tables, including Table 4 that summarizes information for each of the properties of concern. Figure 2A shows Segment 2C and is associated with detail maps (Figures 2A-A through 2A-C) that show the individual properties of concern.

4.2.1. Segment 2, Alternative C (Barstow, California)

The Segment 2C alignment proposed location is within the median of the I-15, extending approximately 20 miles from Hodge Road, south of Lenwood, through Barstow, and continuing to approximately Fort Irwin Road, west of Yermo.

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4.2.1.1. Operational Period

There are no proposed facilities for Segment 2C. Based on the lack of facilities in Segment 2C, the potential for significant operational impacts related to hazardous materials is low.

4.2.1.2. Construction Period

<u>Environmental Database Review</u>

A review of federal and state database listings for Segment 2C, identified four facilities on the RCRA generator database, four facilities on the ERNS database, five facilities on the LUST, and 24 facility listings on the UST database (Table 1). Properties identified in the review of the FirstSearch™ databases as being potential environmental concerns to the site are summarized in Table 2.

Four facilities were listed on the RCRA generator database adjacent to the site. Cool Power at the I-15 and Lenwood Road is listed as a small quantity generator. This listing is not indicative of a release and would not be considered an environmental concern.

Exxon Mobil Oil Corporation No 1249 at 1600 East Main Street (2C-1) is listed as a large quantity generator. Shell Service Station at 1601 East Main Street (2C-2) is listed as a small quantity generator. Chevron Station 9 9752 at 2890 Lenwood Road (2C-3) is listed as a small quantity generator. These facilities are additionally listed on the LUST database and would be considered an environmental concern.

The ERNS database lists emergency response actions and is provided by the EPA and National Response Center. In March 1990, at the intersection of the I-15 and Lenwood Road, approximately 200 gallons of diesel fuel was released from saddle tanks on a truck after a two vehicle accident. In December 1993, approximately 100 gallons of diesel fuel was released from a truck's fuel line along the northbound I-15 at the Midway rest ramp near milepost 107 in Barstow (listed as non-geocoded). In January 1997, approximately 192 pounds of muriatic acid was spilled when containers fell off a truck along the I-15, south of Wild Wash Road. Based on lack of indicated remediation, these releases are assumed to have been cleaned up during the initial emergency response and are not considered environmental concerns to the site. Based on the distance to the site, the regulatory status, and/or the type of expected releases from these incidents to the site, these listings are not considered an environmental concerns to the site.

According to the report, five LUST facilities were listed within the vicinity of Segment 2C. Former E-Z Serve #100825 at 1700 East Main Street (2C-4) is listed as having a gasoline release affecting the aquifer used for the drinking water supply. Ninyo & Moore reviewed the SWRCB GeoTracker website (http://geotracker.swrcb.ca.gov) for additional information. According to the most recent groundwater monitoring report (GeoEnviro, 2009) for this facility, MW-7 is the closest well to the site at approximately 725 feet southeast of the site. MW-7 measured total petroleum hydrocarbons as gasoline (TPHg) at <50 micrograms per liter (µg/l), benzene at <0.5 µg/l, toluene at <0.5 µg/l, ethylbenze at 3.0 µg/l, xylenes at <0.5 µg/l, and methyl tertiary butyl ether (MTBE) at <0.5 µg/l. Based on

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the facilities close proximity to the site and regulatory status, this facility would be considered an environmental concern.

Former Exxon 7-3871 at 1500 East Main Street (2C-5) is listed as having a releasee of gasoline and fuel oxygenates affecting the aquifer used for the drinking water supply. According to the SWRCB GeoTracker website, the most recent groundwater monitoring report (ERI, 2009) for this facility, MW-13 is the closest well to the site at approximately 700 feet southeast of the site. MW-13 measured TPHg at <50 µg/l, benzene, toluene, ethylbenzene, and xylenes at <1.0 µg/l, and MTBE at <2.0 µg/l. Based on the facility's close proximity to the site and regulatory status, this facility would be considered an environmental concern.

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The following facilities have regulatory status of "case closed" and are located adjacent to the site: Mobil Station 18-H5X (also listed as Exxon Mobil) at 1600 East Main Street (2C-1), Dry Gulch Shell at 1601 East Main Street (2C-2), and Chevron Service Station at 2890 Lenwood Road (2C-3). Based on their LUST listing and immediate proximity to the site, these facilities would be considered an environmental concern.

Twenty-four UST facilities were listed in the FirstSearch™ database; however, these facilities are only considered as an environmental concern to the site if they are listed on the LUST database. Terrible Herbst Inc 74 at 1710 East Main Street (2C-6) is listed as having at least four USTs. Based on the review of the SWRCB GeoTracker website, this facility has a LUST. According to the website, a release of gasoline and fuel oxygenates affected the aquifer used for drinking water. The regulatory status of this facility is "open-referred." The most recent groundwater monitoring report (Westmark, 2008) for this facility, MW-6 is the closest well (that was measured) to the site at approximately 1,000 feet southeast of the site. MW-6 measured TPHg at 23 µg/l, benzene at 2,000 µg/l, toluene at 28 µg/l, ethylbenzene at 2,300 µg/l, and xylenes at 7,300 µg/l, and MTBE at 21 µg/l. Based on the facil-

ity's close proximity to the site and regulatory status, this facility would be considered an environmental concern.

Except for the previously noted UST and LUST facilities, the remaining UST facilities are not listed on the LUST database and are not considered environmental concerns to the site based on the UST listings only.

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Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 2C:

Table A – Aerial Photographs, Segment 2C

Aerial Photograph Date	Barstow, California
1952-1953 and 1959	The site and properties adjoining the site were mostly vacant undeveloped land. Residential, commercial, and retail development is observed in the northern portion of the site through the Barstow, area. The Mojave River wash appeared in its current location.
1973 and 1989	Properties adjoining the site appeared similar to that observed in the 1959 photograph, except the Barstow area appears more densely developed. The I-15 appeared in its current orientation.
1994 and 2002	The site and site vicinity appeared similar to that observed during the site reconnaissance.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

The site generally consists of the I-15 median. No evidence of releases or environmental concerns was noted within the Segment 2C.

Adjoining properties along Segment 2C, include primarily vacant undeveloped land, residential, commercial, and retail properties, Home Depot store, water tank,

restaurants, and gasoline stations. Chevron at 913 Barstow Road (2C-7) was observed in the site vicinity. Based on the SWRCB GeoTracker website, this facility had a gasoline release affecting soil only. The regulatory case status is "case closed." Based on its LUST listing and immediate proximity to the site, this facility would be considered an environmental concern. Valero gasoline station at 491 Armory Road with USTs was not listed on the LUST database and thus not considered a significant environmental concern. The 76 gasoline station at 1600 East Main Street (formerly Mobil, 2C-1) was observed in the site vicinity, and was listed on the LUST database; thus would be considered an environmental concern.

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Segment 2C is within close proximity to the I-15. Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

No other properties of environmental concern to the site were noted during the site reconnaissance.

Table 3 summarizes those properties that have been classified as High or Moderate with regard to their potential to cause exposure to significant soil or groundwater contamination for Segment 2C based on observations during the site reconnaissance.

Provided Documents for Review

Documents were not provided for review regarding the proposed Segment 2C alignment.

4.2.2. Sloan Substation

The Sloan Substation proposed location is adjacent to the east side of the I-15 and approximately 10 miles southwest of Sloan, Nevada.

4.2.2.1. Operational Period

Ninyo & Moore is not aware of proposed facilities for the Sloan Substation. Based on the lack of facilities planned within the Sloan Substation area, the potential for significant operational impacts related to hazardous materials would be considered to be low.

4.2.2.2. Construction Period

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Environmental Database Review

A review of the federal and state database listings for Segment 5 which included the location of the currently planned Sloan Substation (Ninyo & Moore, 2007) indicated that two facilities were listed on the ERNS database, and five facilities were listed on the UST database.

Two facilities were listed on the ERNS database with addresses for Whiskey Pete's Texaco at Stateline and I-15 in Primm, Nevada. The emergency response was for a failed pressure line test and inventory discrepancy for a UST. No date, clean-up, status, or LUST reference was noted for this incident. The second listing is for Gold Strike Casino Mobil at exit 12 in Jean, Nevada. The emergency response was for approximately 20 gallons of diesel fuel dumped by a customer behind the station. Based on the distance to the site, the regulatory status, and/or the type of expected releases from these incidents, these listings are not considered environmental concerns to the site.

The UST and AST databases are provided by the Nevada Department of Conservation and Natural Resources. Inclusion on these lists is for permitting purposes and is not indicative of a release. Five UST facilities were listed in the FirstSearch™ database; however, these facilities are only considered as an environmental concern to the site if they are listed on the LUST database. These facilities are not listed on the LUST database and are not considered environmental concerns to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for the Sloan Substation:

Table B – Aerial Photographs, Sloan Substation

Aerial Photograph Date	Primm to Jean
1950-1999	Resolution in these photos was poor. As expected evidence of significant development was not apparent.
2006	Primarily undeveloped land with the exception of I-15, urbanized areas in and around Primm and Jean, and infrequent overpasses and interchanges.

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Review of the aerial photographs did not reveal evidence of significant environmental concerns to the site. Aerial photograph information for the Sloan Substation was reviewed from the previous report (Ninyo & Moore, 2007).

Site Reconnaissance

The site consisted of vacant, generally undeveloped land (Figure 2B). No evidence of releases or environmental concerns was noted within the proposed Sloan Substation area.

Adjoining properties around the Sloan Substation include the I-15 and primarily vacant undeveloped land. South Las Vegas Boulevard and Pacific Union railroad tracks were observed south of the site.

The Sloan Substation is located within close proximity to the I-15. Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

No other properties of environmental concern to the site were noted during the site reconnaissance.

Provided Documents for Review

Documents were not provided for review regarding the proposed Sloan Substation.

5. MITIGATION MEASURES

5.1. Operational Impacts

- **OI-1** – Rail based operational activities, such as vehicle maintenance, would have the potential for future releases of hazardous materials.

5.2. Operational Mitigation Measures

- **OMM-1** – Desert Xpress facilities that use, store, or dispose of hazardous materials will, in accordance with state and local regulations, submit a Hazardous Materials Management Plan to the relevant local agency (fire department or health department) and be subject to inspections by that local agency to assure compliance with the plan and to evaluate possible hazardous materials releases. Facilities emitting toxic air emissions will submit inventories and plans to the appropriate air quality management district and be subject to permitting and monitoring regulations of the district. Desert Xpress facilities installing and operating chemical storage tanks will install and operate tanks under permit to the local agency regulating the operation of ASTs and USTs.

5.3. Construction Impacts

- **CI-1** – Demolition of structures, if encountered during site construction, may result in the exposure of the public and/or the environment to LBP and/or ACMs.

- **CI-2** – Construction activities may encounter previously unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-3** – Construction activities, including demolition, may encounter or generate hazardous or solid wastes and debris and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-4** – Construction activities may result in exposure of the public and/or the environment to contaminated soil and/or contaminated groundwater at properties unidentified as properties of potential environmental concern. Based on our understanding of the proposed construction, there is a low likelihood that construction will encounter groundwater.

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- **CI-5** – Construction activities along existing and former rail lines may result in exposure of the public and/or the environment to soil contaminated with herbicides, petroleum hydrocarbons, and metals.

- **CI-6** – Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

5.4. Construction Mitigation Measures:

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- **CMM-1** – Prior to construction activities, project applicant or the contractors should conduct an evaluation of all buildings if to be encountered during site construction and to be demolished, to determine the presence of ACMs and LBP. Remediation should be implemented in accordance with the recommendations of these evaluations.

- **CMM-2** – Project applicant or its contractors will prepare a hazardous materials contingency plan addressing the potential for discovery of unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes encountered during construction. This contingency plan will address UST decommissioning, field screening and materials testing methods, mitigation and contaminant management requirements, and health and safety requirements.

- **CMM-3** – Construction contractors will dispose of all hazardous or solid wastes and debris encountered or generated during construction and demolition activities in accordance with all federal, state, and local laws and regulations.

- **CMM-4** – Project applicant or its contractor will prepare a soil monitoring plan prior to construction and will implement it during all phases of construction. Disturbed soils will be monitored for visual evidence of contamination (e.g., staining or discoloration). Soil will be monitored for the presence of volatile organic compounds (VOCs) using appropriate field instruments such as organic vapor measurement with photoionization detectors (PIDs) or flame ionization detectors (FIDs). If the monitoring procedures indicate the possible presence of contaminated soil, a contaminated soil contingency plan will be implemented and will include procedures for segregation, sampling, and chemical analysis of soil. Contaminated soil will be profiled for disposal and will be transported with appropriate hazardous or non-hazardous waste manifests by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the type of waste indicated by the profiling process. The contaminated soil contingency plan will be developed and in place during all construction activities. In the unlikely event that these processes generate any contaminated groundwater that must be disposed of outside of the dewatering/NPDES process, the groundwater will be profiled, manifested, hauled, and disposed of in the same manner.

  Alternatively, a Phase II ESA will be prepared. In general, the Phase II ESA includes the following:

- A work plan that includes the numbers and locations of proposed soil borings/monitoring wells, sampling intervals, drilling and sampling methods, analytical methods, sampling rationale, site geohydrology, field screening methods, quality control/quality assurance, and reporting methods. Where appropriate, the work plan will be approved by a regulatory agency such as the San Bernardino County Fire Department.

- A site-specific Health and Safety Plan (HSP) signed by a Certified Industrial Hygienist.

- Necessary permits for encroachment, boring completion, and well installation.

- A traffic safety plan.

- Sampling program (fieldwork) in accordance with the work plan and HSP. Fieldwork shall be completed under the supervision of a State of California professional geologist.

- Hazardous materials testing through a state-certified laboratory.

- Documentation including a description of field procedures, boring logs/well construction diagrams, tabulations of analytical results, cross-sections, an evaluation of the levels and extent of contaminants found, and conclusions and recommendations regarding the environmental condition of the site and the need for further assessment. Recommendations may include additional assessment or handling of the contaminants found though the contaminated soil contingency plan. If the contaminated soil contingency plan is inadequate for the contamination found, a remedial action plan will be developed. Contaminated groundwater will generally be handled though the NPDES/dewatering process.

- Disposal process including transport by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the identified type of waste.

Project applicant or its contractors will obtain a NPDES permit. In areas of suspected contaminated groundwater, special conditions will apply with regard to acquisition of the NPDES permit, including testing and monitoring, as well as discharge limitations under the NPDES permits.

- **CMM-5** – Soil along and immediately adjacent to existing and former rail lines which will be disturbed during construction should be assessed for the presence of herbicides, petroleum hydrocarbons, and metals. This assessment should be completed as described under CMM-4 (Phase II ESA).

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- **CMM-6** – Unpaved soil along the I-15 within the project boundaries should be investigated for the presence of aerially deposited lead. This assessment should be completed during the design phase or as described under CMM-4 (Phase II ESA).

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6. REFERENCES

Environmental FirstSearch™ Report, 2009, Barstow, California 92311, dated October 14.

ERI, 2009, Second Quarter 2009 Groundwater Monitoring and Status Report, Former Exxon Station 73871, 1500 East Main Street, Barstow, California SBCFD Case No. 93005, dated July 28.

GeoEnviro Services, Inc, 2009, Groundwater Monitoring and Sampling Report, First Quarter 2009, Former E-Z Serve Location 100825, 1700 East Main Street, Barstow, California, RWQCB Case #6B3600087T, dated April 30.

The Westmark Group (Westmark), 2008, Quarterly Groundwater Monitoring Report, Third Quarter 2008, Former Terrible Herbst Station #74, 1710 East Main Street, Barstow, California, 92311, dated September 26.

Ninyo & Moore, 2007, Hazardous Materials Assessment, Proposed Desert Xpress Corridor, Victorville, California, to Las Vegas, Nevada, dated March 23.

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TABLE 1 – ENVIRONMENTAL DATABASE SUMMARY

Database(s)	Description	Segment 2 Alternative C	Sloan Substation
Federal Databases			
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program. Updated quarterly.	0	0
CERCLIS/NFRAP	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980. NFRAP refers to facilities that have been removed and archived from its inventory of CERCLA sites.	0	0
RCRA/CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with TSD of hazardous materials that are undergoing "corrective action." A "Corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	0	0
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0	0
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as large, small, or conditionally exempt. LQGs produce at least 1,000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQGs produce 100 to 1,000 kg/month of non-acutely hazardous waste. CESQGs are those that generate less than 100 kg/month of non-acutely hazardous waste.	5	0
ERNS	ERNS records and stores information on reported releases of oil and hazardous substances.	4	2
State Databases			
Cal Sites	The Cal Sites database is maintained by the Cal-EPA, DTSC. This database contains information on AWP, and both known and potentially contaminated properties. Two-thirds of these properties have been classified, based on available information, as needing NFA by the DTSC. The remaining properties are in various stages of review and remediation to determine if a problem exists.	0	0
STATE	The Nevada Sites database is maintained by the Nevada Bureau of Corrective Action. This database contains information on both known and potentially contaminated properties.	0	0
Spills - 1990	The California RWQCBs maintain report of sites that have records of spills, leaks, investigation, and cleanups.	0	0
SWLF	The SWLF database consists of open and closed solid waste disposal facilities and transfer stations. The data comes from the Integrated Waste Management Board's SWIS database.	1	0
LUST	Databases of the LUST information system are maintained by the SWRCB and RWQCB.	10	0
UST	The UST Information System is maintained by the SWRCB, which may include the owner and location of the USTs. This database may also include registered ASTs.	24	5

Notes:
AST – Aboveground Storage Tank
AWP – Annual Workplan Properties
CERCLA – Comprehensive Environmental Response, Compensation and Liability Ac
CESQG – Conditionally Exempt Small Quantity Generators
CORRACTS - Corrective Action Sites
DTSC – Department of Toxic Substances Control
ERNS – Emergency Response Notification System
kg – Kilogram
LQG – Large Quantity Generator
LUST – Leaking Underground Storage Tanks
NFA – No Further Action
NFRAP – No Further Remedial Action Plannec
NPL – National Priorities List
RCRA – Resource Conservation and Recovery Act
RWQCB – Regional Water Quality Control Board
SQG – Small Quantity Generator
SWIS – Solid Waste Information System
SWLF – Solid Waste Landfill
SWRCB – State Water Resources Control Board
TSD – Treatment, Storage, and Disposal Facilities
UST – Underground Storage Tank

TABLE 2 – SUMMARY OF PROPERTIES OF CONCERN FROM THE FIRSTSEARCH™ DATABASE REPORTS

Ninyo & Moore Property ID	Business Name and Address	Case Summary
Segment 1, Alternatives A and B – Victorville, California, to Barstow, California		
2C-1	Mobil Station 18-H5X 1600 East Main Street	LUST - gasoline release in 2002. Regulatory Status is "case closed."
2C-2	Dry Gulch Shell 1601 East Main Street	LUST - gasoline release in 1950. Regulatory status is "case closed."
2C-3	Chevron Service Station 2890 Lenwood Road	LUST - gasoline release affecting soil only. Regulatory status is "case closed."
2C-4	Former E-Z Serve #100825 1700 East Main Street	LUST - gasoline release in 2007, affecting the aquifer used for drinking water. Regulatory status is "open-remediation."
2C-5	Exxon 7-3871 1500 East Main Street	LUST - gasoline and fuel oxgenates release affecting the aquifer used for drinking water supply. Regulatory status is "open-verification monitoring."
2C-6	Terrible Herbst Inc 74 1710 East Main Street	Listed on the UST database and the SWRCB GeoTracker website indicates that the facility is undergoing remediation for a gasoline release.

Notes:
LUST – Leaking Underground Storage Tank
CERCLIS – Comprehensive Environmental Response Compensation and Liability Information System
RWQCB – Regional Water Quality Control Board
EPA – Environmental Protection Agency
NFA – No Further Action
DTSC – California Department of Toxic Substances Control

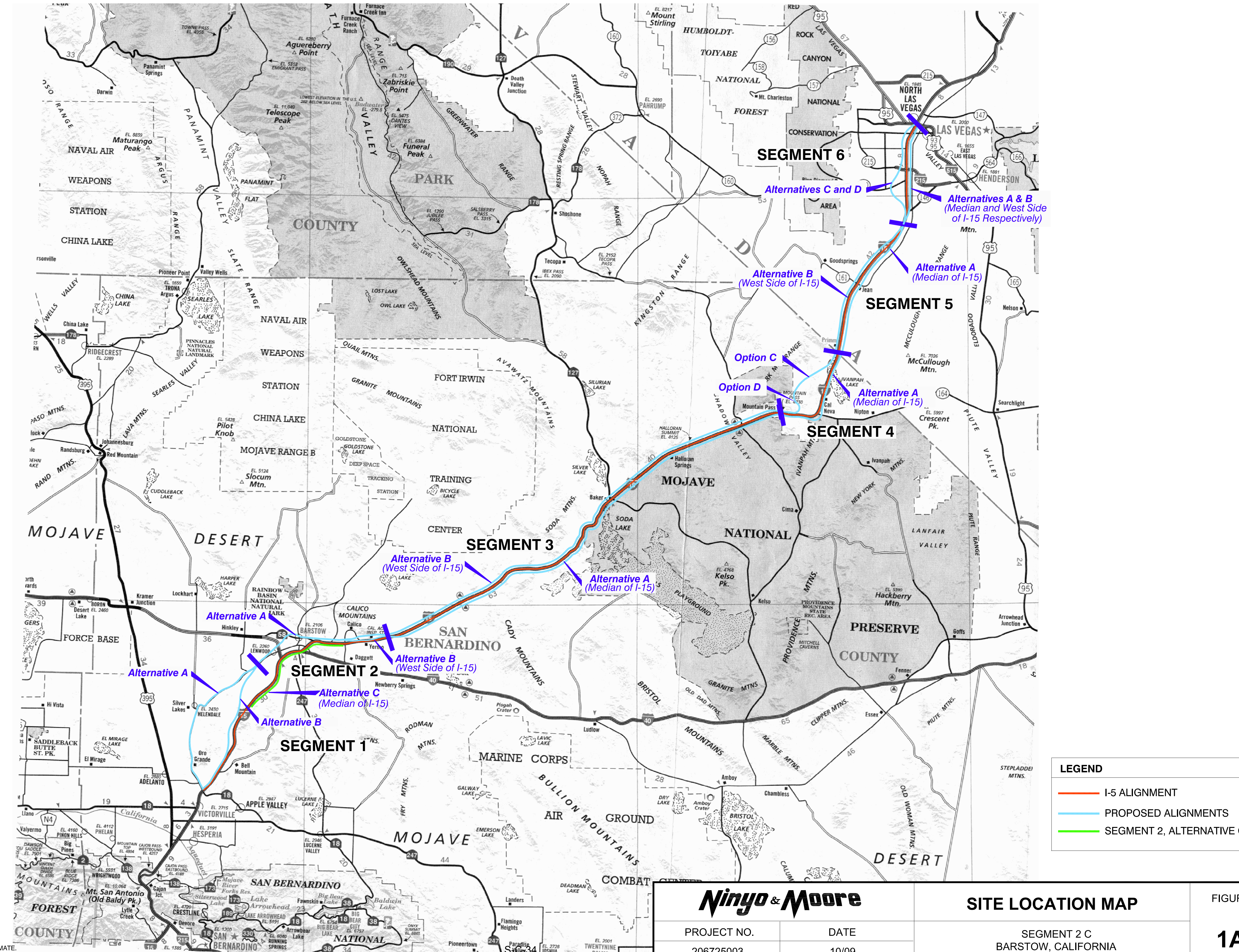
TABLE 3 – SITE RECONNAISSANCE SUMMARY

Property I.D.	Address	Business Name	Site Use	Chemical Storage Areas	Dumped, Burned Material	Hydraulic Equipment (Lifts)	Bermed, Recessed, or Diked Areas	Chemical/Pesticide Mixing Areas	Sumps, Pits, Ponds, Lagoons, Clarifiers	Discharges/Disposal Areas	Groundwater Monitoring Wells or Other Wells	Remediation Equipment/Evidence or	Discolored or Polluted Water	Storage Tanks (Underground or Aboveground)	Drums	Stressed Vegetation	Discolored/Stained Soils	Degraded/Heavy Stained Pavement
Segment 2, Alternative C - Barstow, California, to Yermo, California																		
2C-1	1600 East Main Street	76 (formerly Mobil)	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
2C-3	2890 Lenwood Road	Chevron Service Station	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N
2C-7	913 Barstow Road	Chevron	Gas Station	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N

TABLE 4 – SUMMARY OF PROPERTIES OF ENVIRONMENTAL CONCERN

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
2C-1	Mobil Station 18-H5X 1600 East Main Street	LUST - gasoline release in 2002. Regulatory Status is "case closed."	M
2C-2	Dry Gulch Shell 1601 East Main Street	LUST - gasoline release in 1950. Regulatory status is "case closed."	M
2C-3	Chevron Service Station 2890 Lenwood Road	LUST - gasoline release affecting soil only. Regulatory status is "case closed."	M
2C-4	Former E-Z Serve #100825 1700 East Main Street	LUST - gasoline release in 2007, affecting the aquifer used for drinking water. Regulatory status is "open-remediation."	M
2C-5	Exxon 7-3871 1500 East Main Street	LUST - gasoline and fuel oxgenates release affecting the aquifer used for drinking water supply. Regulatory status is "open-verification monitoring."	M
2C-6	Terrible Herbst Inc 74 1710 East Main Street	Listed on the UST database and the SWRCB GeoTracker website indicates that the facility is undergoing remediation for a gasoline release.	M
2C-7	Chevron 913 Barstow Road	Observed during the site reconnaissance, and listed on the SWRCB GeoTracker website as a LUST facility with a regulatory status of "case closed."	M

Notes:
LUST – Leaking Underground Storage Tank
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System
VOCs – volatile organic compounds
EPA – Environmental Protection Agency
Risk Class H = high, M = moderate, L = low



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

206725_B4.DWG

Ninyo & Moore	SITE LOCATION MAP	FIGURE
PROJECT NO. 206725003 / DATE 10/09	SEGMENT 2 C BARSTOW, CALIFORNIA	1A

206725_A3.DWG

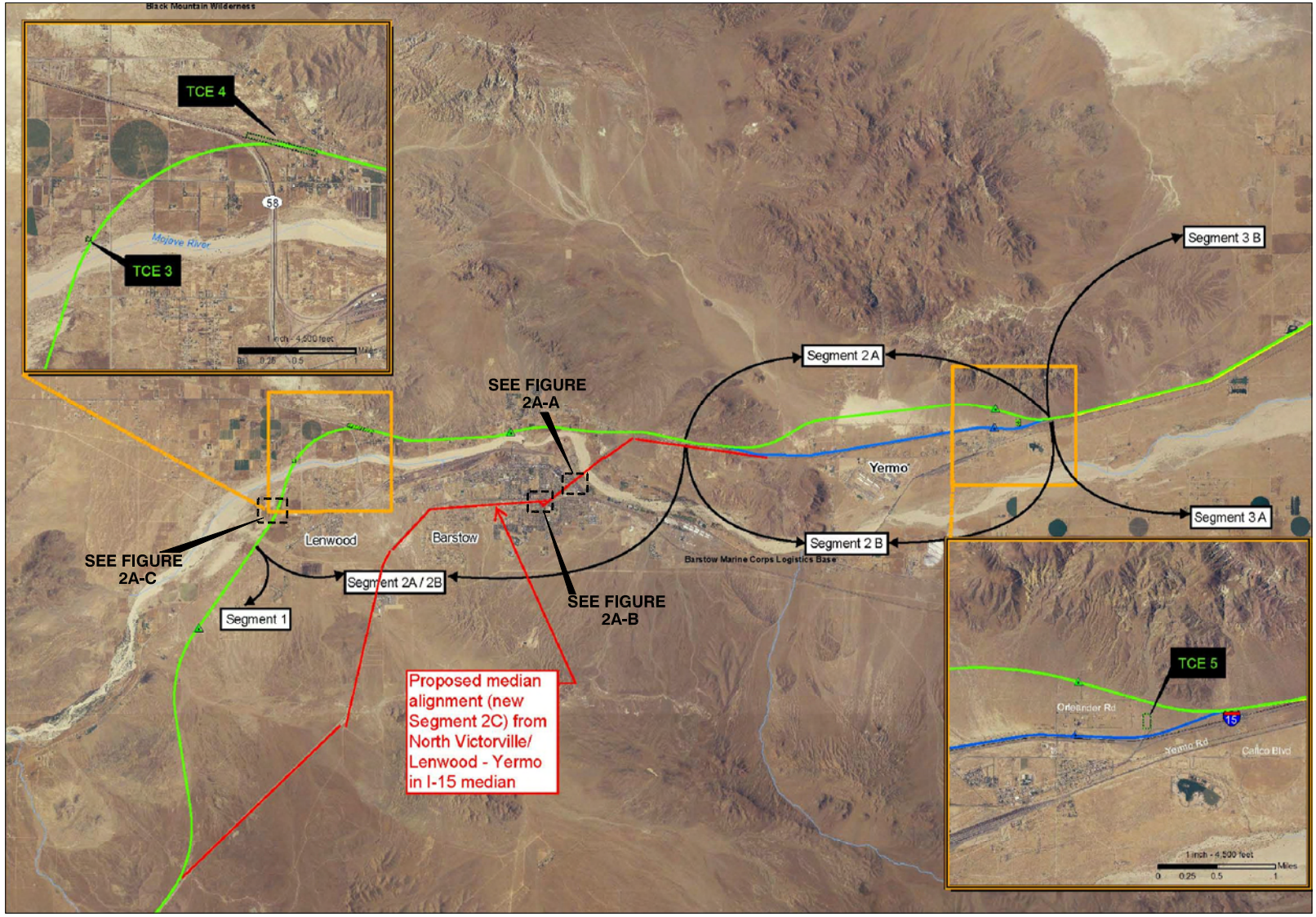
APPROXIMATE SCALE IN FEET

0 10,000 20,000

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

N

Ninyo & Moore		SITE LOCATION MAP	FIGURE
PROJECT NO.	DATE	SLOAN SUBSTATION SLOAN, NEVADA	1B
206725003	10/09	S-C-35	



206725_A2.DWG

N

APPROXIMATE SCALE IN FEET

0 20,000 40,000

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		SITE MAP	FIGURE
PROJECT NO.	DATE	SEGMENT 2 C BARSTOW, CALIFORNIA	2A
206725003	10/09		

REFERENCE: GOOGLE EARTH AERIAL PHOTO, 2009.

N

APPROXIMATE SCALE IN FEET

0 300 600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
2C-1	Mobil Station 18-H5X 1600 East Main Street	LUST - gasoline release in 2002. Regulatory Status is "case closed."	M
2C-2	Dry Gulch Shell 1601 East Main Street	LUST - gasoline release in 1950. Regulatory status is "case closed."	M
2C-4	Former E-Z Serve #100825 1700 East Main Street	LUST - gasoline release in 2007, affecting the aquifer used for drinking water. Regulatory status is "open-remediation."	M
2C-5	Exxon 7-3871 1500 East Main Street	LUST - gasoline and fuel oxgenates release affecting the aquifer used for drinking water supply. Regulatory status is "open-verification monitoring."	M
2C-6	Terrible Herbst Inc 74 1710 East Main Street	Listed on the UST database and the SWRCB GeoTracker website indicates that the facility is undergoing remediation for a gasoline release.	M

206725_A5.DWG

Ninyo & Moore

SEGMENT 2 - DETAIL MAP

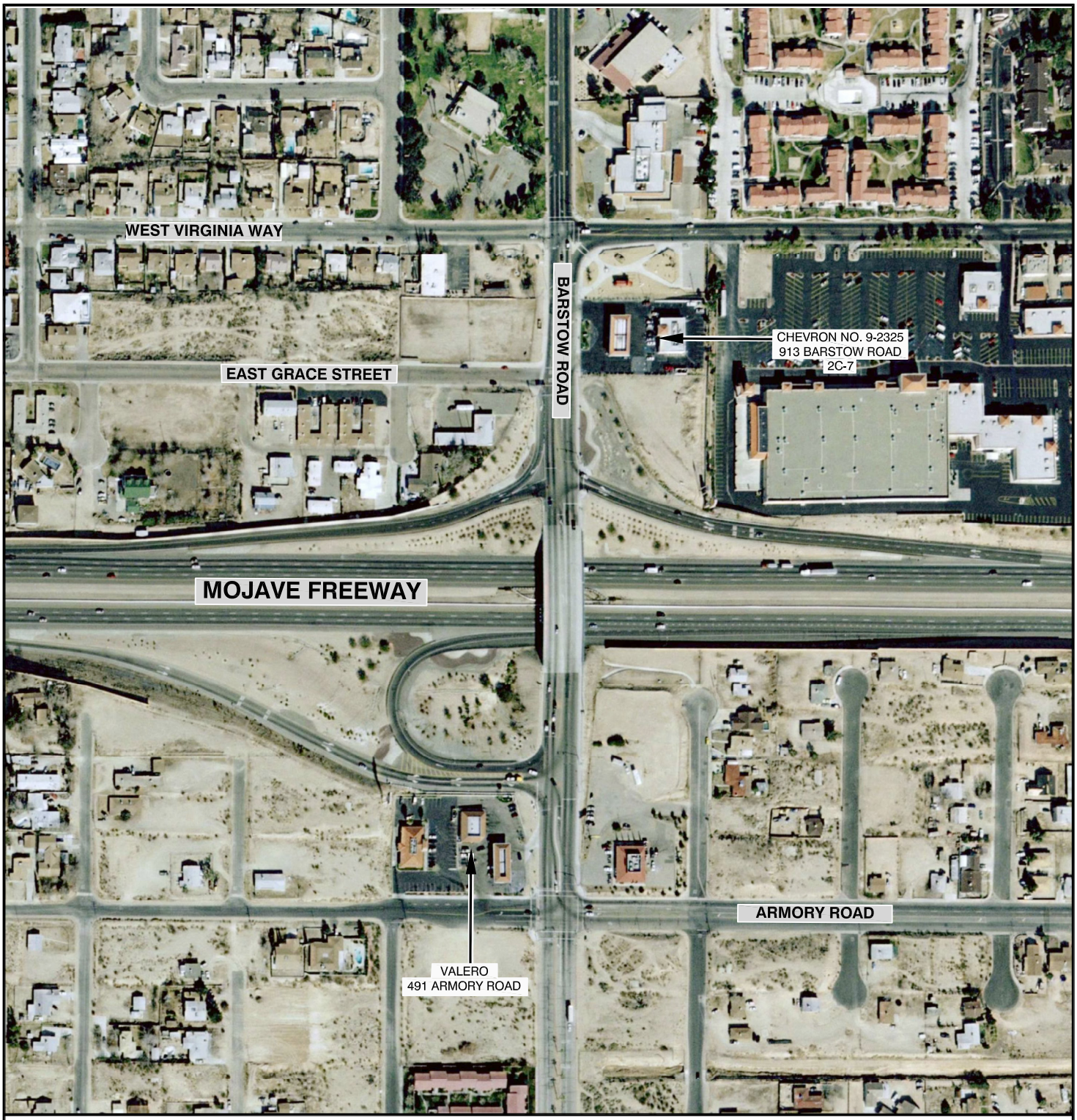
FIGURE

2A-A

PROJECT NO.	DATE
206725003	10/09

SEGMENT 2C
BARSTOW, CALIFORNIA

S-C-37



REFERENCE: GOOGLE EARTH AERIAL PHOTO, 2009.

N

APPROXIMATE SCALE IN FEET

0 300 600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
2C-7	Chevron 913 Barstow Road	Observed during the site reconnaissance, and listed on the SWRCB GeoTracker website as a LUST facility with a regulatory status of "case closed."	M

206725_A6.DWG

Ninyo & Moore

SEGMENT 2 - DETAIL MAP

FIGURE

2A-B

PROJECT NO.	DATE
206725003	10/09

SEGMENT 2C
BARSTOW, CALIFORNIA

S-C-38

REFERENCE: GOOGLE EARTH AERIAL PHOTO, 2009.

N

APPROXIMATE SCALE IN FEET

0 300 600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore Property ID	Property Address	Site Operations - Reason for Risk Class	Risk Class
2C-3	Chevron Service Station 2890 Lenwood Road	LUST - gasoline release affecting soil only. Regulatory status is "case closed."	M

206725_A7.DWG

Ninyo & Moore

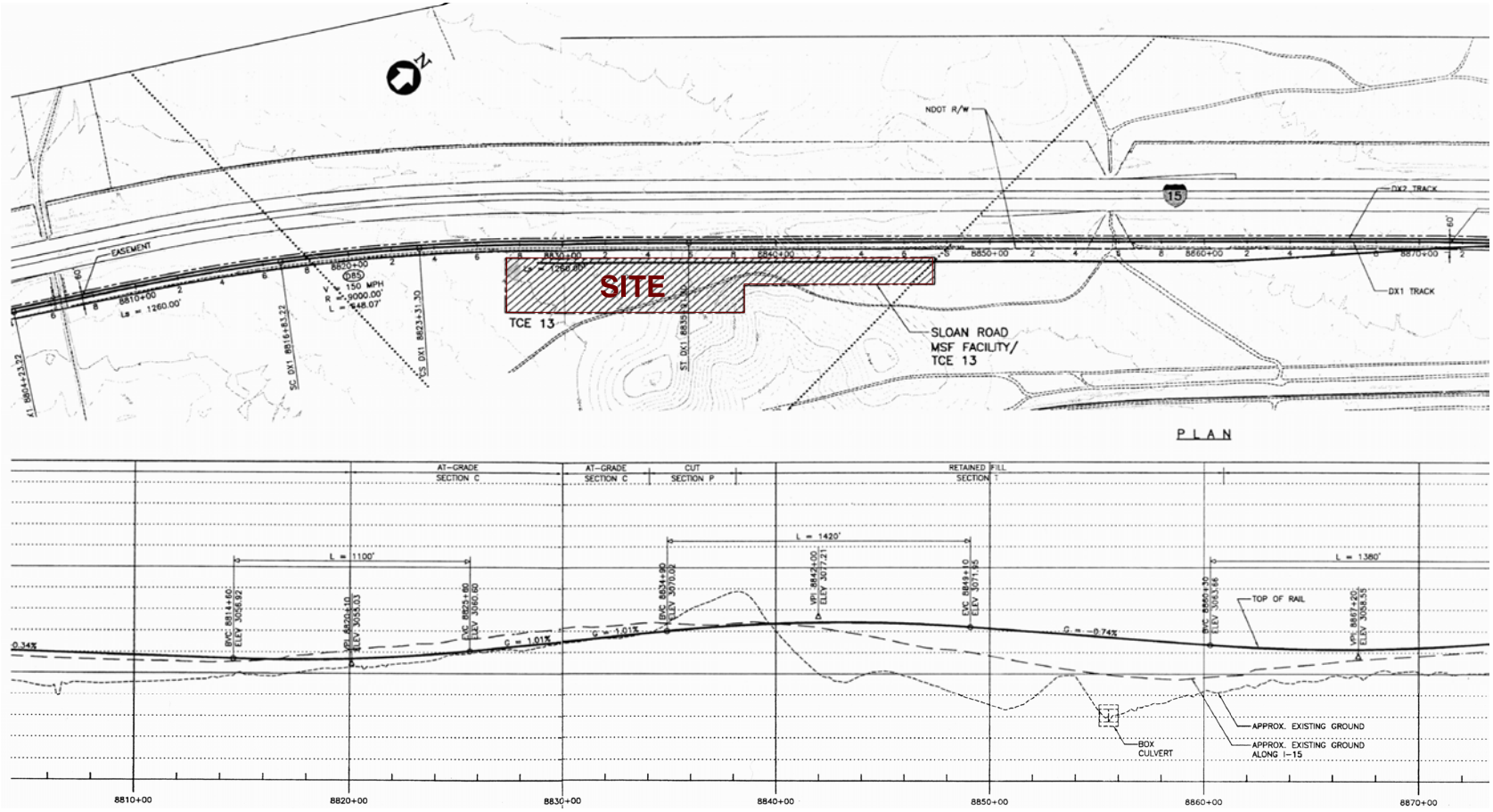
PROJECT NO.	DATE
206725003	10/09

SEGMENT 2 - DETAIL MAP

SEGMENT 2C
BARSTOW, CALIFORNIA

FIGURE

2A-C



206725_A4.DWG

APPROXIMATE SCALE IN FEET

0 800 1600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		SITE MAP	FIGURE
PROJECT NO.	DATE	SLOAN SUBSTATION SLOAN, NEVADA	2B
206725003	10/09		

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APPENDIX A

FIRSTSEARCH™ ENVIRONMENTAL DATABASE REPORTS

TRACK ➢ INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

BARSTOW CA 92311

Job Number: 206725003

PREPARED FOR:

Ninyo & Moore

475 Goodard

Irvine, CA 92618

10-14-09

Tel: (866) 664-9981 *Fax: (818) 249-4227*

Environmental FirstSearch is a registered trademark of FirstSearch Technology Corporation. All rights reserved.

Environmental FirstSearch
Search Summary Report

Target Site:

BARSTOW CA 92311

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	09-11-09	0.25	0	0	0	-	-	0	0
NPL Delisted	Y	09-11-09	0.25	0	0	0	-	-	0	0
CERCLIS	Y	07-28-09	0.25	0	0	0	-	-	0	0
NFRAP	Y	07-28-09	0.25	0	0	0	-	-	2	2
RCRA COR ACT	Y	07-14-09	0.25	0	0	0	-	-	0	0
RCRA TSD	Y	07-14-09	0.25	0	0	0	-	-	0	0
RCRA GEN	Y	07-14-09	0.25	0	5	0	-	-	1	6
RCRA NLR	Y	05-13-09	0.25	0	1	0	-	-	0	1
Federal IC / EC	Y	08-06-09	0.25	0	0	0	-	-	0	0
ERNS	Y	09-13-09	0.25	0	2	2	-	-	47	51
Tribal Lands	Y	12-01-05	0.25	0	0	0	-	-	0	0
State/Tribal Sites	Y	01-16-09	0.25	0	0	0	-	-	1	1
State Spills 90	Y	05-22-09	0.25	0	0	0	-	-	0	0
State/Tribal SWL	Y	04-27-09	0.25	0	0	1	-	-	2	3
State/Tribal LUST	Y	04-28-09	0.25	0	6	4	-	-	2	12
State/Tribal UST/AST	Y	05-13-09	0.25	0	18	6	-	-	4	28
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	08-05-09	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	01-16-09	0.25	0	0	0	-	-	0	0
State/Tribal Brownfields	Y	NA	0.25	0	0	0	-	-	0	0
State Permits	Y	08-19-09	0.25	0	22	18	-	-	29	69
State Other	Y	05-05-09	0.25	0	0	0	-	-	3	3
- TOTALS -				0	54	31	0	0	91	176

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch
Site Information Report

Request Date:	10-14-09	**Search Type:**	LINEAR
Requestor Name:	beth padgett		19.26 mile(s)
Standard:	LINEAR	**Job Number:**	206725003
		Filtered Report	

Target Site:

BARSTOW CA 92311

Demographics

Sites:	176	**Non-Geocoded:**	91	**Population:**	NA
Radon:	0.8 PCI/L				

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-117.047814	-117:2:52	**Easting:**	495627.847
Latitude:	34.831111	34:49:52	**Northing:**	3854118.167
			Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0.25 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
92307	APPLE VALLEY	CA	0.10 SE	Y
92342	HELENDALE	CA	0.02 SW	Y
92365	NEWBERRY SPRINGS	CA	0.17 SE	Y

Services:

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	4	RCRAGN	COOL POWER CAD981444532/SGN	I-15 and LENWOOD RD BARSTOW CA 92311	0.01 SE	1
2	9	ERNS	CITY OF BARSTOW 465383/HIGHWAY RELATED	INTERSECTION OF I-15 AND LE BARSTOW CA	0.01 NW	2
3	10	ERNS	TRANSWESTERN XPRESS 161921/HIGHWAY RELATED	INTERSECTION OF I-15 AND LE BARSTOW CA	0.02 NW	3
4	46	PERMITS	SO CAL WATER CO-GLEN 01049526/ACTIVE	35724 LENWOOD RD BARSTOW CA 92311	0.03 SE	4
4	51	PERMITS	LENWOOD FUEL CAL000327304/ACTIVE	2824 LENWOOD RD BARSTOW CA 92311	0.04 SE	5
5	50	PERMITS	DIAMOND D FUEL (MOBIL) 97044957/ACTIVE	2824 LENWOOD RD BARSTOW CA 92311	0.04 SE	5
6	73	UST	DIAMOND D FUEL (MOBIL) SANBERDO97044957	2824 LENWOOD RD BARSTOW CA 92311	0.04 SE	5
7	55	UST	E-Z SERVE 695 TISID-STATE39505/ACTIVE	1700 MAIN BARSTOW CA 92311	0.04 SE	6
8	79	LUST	E-Z SERVE 100825 (FORMER) T0607100670/OPEN - REMEDIATION	1700 MAIN ST E BARSTOW CA 92311	0.04 SE	6
14	69	UST	WARREN OPIE WALLIS INC. TISID-STATE40459/ACTIVE	34474 LENWOOD BARSTOW CA 92311	0.06 NW	7
15	30	PERMITS	BNSF 91024238/NOT REPORTED	200 N AVENUE H BARSTOW CA 92311	0.06 NE	8
16	32	PERMITS	BNSF-BARSTOW FA0001620/ACTIVE	200 N AVENUE H BARSTOW CA 92311	0.06 NE	8
17	31	PERMITS	BNSF-BARSTOW 95038032/ACTIVE	200 N AVENUE H BARSTOW CA 92311	0.06 NE	8
18	61	UST	VICTORVILLE-BARSTOW TRUCK TISID-STATE38782/ACTIVE	1550 STATE BARSTOW CA 91011	0.06 SE	9
19	60	UST	TERRIBLE HERBST INC 74 SANBERDO86008577/NUM OF TANKS: 4	1710 E MAIN ST BARSTOW CA 92311	0.06 SE	10
19	59	UST	TERRIBLE HERBST INC 74 TISID-STATE39633/ACTIVE	1710 MAIN BARSTOW CA 92311	0.06 SE	10
20	82	LUST	ATandSF YARD T0607100728/COMPLETED - CASE CLO	200 H ST BARSTOW CA 92311	0.06 NE	11
21	39	PERMITS	VALERO STATION 3757 CAL000323890/ACTIVE	491 ARMORY RD BARSTOW CA 92311	0.07 SE	12
21	29	PERMITS	BEACON STATION 3757 95038518/ACTIVE	491 ARMORY BARSTOW CA 92311	0.07 SE	12
22	38	PERMITS	ULTRAMAR STATION 3757 CAL000239812/INACTIVE	491 ARMORY RD BARSTOW CA 92311	0.07 SE	12
23	62	UST	BEACON STATION 3757 SANBERDO95038518	491 ARMORY BARSTOW CA 92311	0.07 SE	12

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Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
24	85	LUST	CHEVRON SERVICE STATION T0607100834/COMPLETED - CASE CLO	2890 LENWOOD RD BARSTOW CA 92311	0.07 SE	13
25	49	PERMITS	CHEVRON STATION 9752 86008557/ACTIVE	2890 LENWOOD RD BARSTOW CA 92311	0.07 SE	13
26	72	UST	CHEVRON STATION 9752 SANBERDO86008557	2890 LENWOOD RD BARSTOW CA 92311	0.07 SE	13
28	71	UST	CHEVRON STATION 9752 TISID-STATE40791/ACTIVE	I15 AT LENWOOD RD BARSTOW CA 92311	0.07 SE	13
29	5	RCRAGN	CHEVRON STATION 9 9752 CAD983635889/SGN	2890 LENWOOD RD BARSTOW CA 92311	0.07 SE	13
30	65	UST	DESERT DISTRIBUTING COMPANY TISID-STATE38916/ACTIVE	34337 LENWOOD LENWOOD CA 92311	0.07 NW	14
31	34	PERMITS	DESERT DENTAL GROUP CAL000301077/ACTIVE	945 ARMORY RD STE C BARSTOW CA 92311	0.07 SE	15
32	36	PERMITS	LUCKY DRY CLEANERS 00048251/NOT REPORTED	967 ARMORY RD BARSTOW CA 92311	0.08 SE	16
33	6	RCRANLR	OMS 2 CAD981368905/NLR	DILL RD BARSTOW CA 92311	0.09 SE	17
34	3	RCRAGN	OMS 2 CALIFORNIA NATIONAL GUARD CAD981368905/LGN	1601 ARMORY ROAD BARSTOW CA 92311	0.09 SE	17
35	43	PERMITS	FLYING J. INC. PT0000048/ACTIVE	2611 FISHER BLVD BARSTOW CA 92311	0.09 SE	18
35	75	UST	WEBSTER OIL SANBERDO86008612	2880 LENWOOD RD BARSTOW CA 92311	0.09 SE	19
36	68	UST	PILOT OIL 282 SANBERDO92027875	2591 COMMERCE PKWY BARSTOW CA 92311	0.09 NW	20
37	27	PERMITS	BARSTOW FIRE PROTECTION DIST CAL000269262/ACTIVE	861 BARSTOW RD BARSTOW CA 92311	0.09 NE	21
38	37	PERMITS	ST-CA ARMY NAT L GRD OMS2 89019297/ACTIVE	1601 ARMORY RD BARSTOW CA 92311	0.10 SE	22
39	63	UST	ST-CA ARMY NAT L GRD OMS2 SANBERDO89019297	1601 ARMORY RD BARSTOW CA 92311	0.10 SE	22
40	33	PERMITS	CO-HHW SATELLITE-BARSTOW 00048965/INACTIVE	900 S AVENUE H BARSTOW CA 92311	0.10 NE	23
41	35	PERMITS	HHW SATELLITE-BARSTOW FA0002302/FEE EXEMPT	900 S AVENUE H BARSTOW CA 92311	0.10 NE	23
42	54	UST	DRYGULCH SHELL SANBERDO86008574/NUM OF TANKS: 4	1601 E MAIN ST BARSTOW CA 92311	0.10 NW	24
43	78	LUST	DRY GULCH SHELL T0607100933/COMPLETED - CASE CLO	1601 MAIN ST E BARSTOW CA 92311	0.10 NW	24

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Sites Summary Report

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44	2	RCRAGN	SHELL SERVICE STATION CAR000097667/SGN	1601 E MAIN ST BARSTOW CA 92311	0.10 NW	24
45	1	RCRAGN	EXXONMOBIL OIL CORPORATION NO 1249 CAL000055704/LGN	1600 E MAIN ST BARSTOW CA 92311	0.11 NW	25
46	19	PERMITS	FREEWAY AUTOMOTIVE FA0008936/INACTIVE	1600 E MAIN ST BARSTOW CA 92311	0.11 NW	25
47	22	PERMITS	MOBIL R/S 12497 86008573/INACTIVE	1600 E MAIN ST BARSTOW CA 92311	0.11 NW	25
48	56	UST	FUELS MANAGEMENT INC SANBERDO86008573	1600 E MAIN ST BARSTOW CA 92311	0.11 NW	25
50	57	UST	GAIL S MOBIL TISID-STATE40287/ACTIVE	1600 MAIN BARSTOW CA 92311	0.11 NW	25
51	81	LUST	MOBIL STATION 18-H5X T0607100938/COMPLETED - CASE CLO	1600 MAIN ST E BARSTOW CA 92311	0.11 NW	25
52	84	LUST	RIP GRIFFIN TRUCK SERVICE CNTR T0607100753/COMPLETED - CASE CLO	2930 LENWOOD RD BARSTOW CA 92311	0.11 NW	26
53	47	PERMITS	TRAVEL CENTER OF AMERICA CAL000289914/ACTIVE	2930 LENWOOD RD BARSTOW CA 92311	0.11 NW	26
54	45	PERMITS	R GRIFFEN TRUCK SERV CNTR 87013739/ACTIVE	2930 LENWOOD RD BARSTOW CA 92311	0.11 NW	26
55	48	PERMITS	BARSTOW HARVEY HOUSE SHELL, INC. 86008558/ACTIVE	2870 LENWOOD RD BARSTOW CA 92311	0.12 SE	27
56	70	UST	BARSTOW HARVEY HSE SHELL SANBERDO86008558	2870 LENWOOD RD BARSTOW CA 92311	0.12 SE	27
57	74	UST	HARVEY HOUSE SHELL TISID-STATE39094/ACTIVE	I15 and LENWOOD RD BARSTOW CA 92311	0.12 SE	27
58	58	UST	H and B SHEET METAL INC TISID-STATE39091/ACTIVE	111 CAL BARSTOW CA 92311	0.13 SE	28
59	25	PERMITS	FOOD 4 LESS 312 CAL000320495/ACTIVE	580 E VIRGINIA WAY BARSTOW CA 92311	0.14 NE	29
60	13	PERMITS	BRUBAKER-MANN INC CAL000248940/ACTIVE	36011 SOAPMINE RD BARSTOW CA 92311	0.15 NW	30
61	8	ERNS	HELMER CONSTRUCTION 465220/FIXED FACILITY	1060 MADRONA BARSTOW CA	0.15 SW	31
62	7	ERNS	HELMER CONSTRUCTION 159763/FIXED FACILITY	1060 MADRONA BARSTOW CA 92311	0.15 SW	31
63	26	PERMITS	FOOD 4 LESS 312 95032535/ACTIVE	580 VIRGINIA WAY BARSTOW CA 92311	0.15 NE	32
64	64	UST	ARCO AM/PM MINI MART SANBERDO93029296	2594 COMMERCE PKWY BARSTOW CA 92311	0.15 NW	33

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66	83	LUST	BARSTOW CITY CORPORATE YARD T0607100708/COMPLETED - CASE CLO	900 H ST S BARSTOW CA 92311	0.16 NE	34
67	15	PERMITS	BandD AUTOMOTIVE CAL000240265/ACTIVE	1800 E MAIN ST BARSTOW CA 92311	0.16 SE	35
68	42	PERMITS	FLYING J TRAVEL PLAZA CAL000286805/ACTIVE	2611 FISHER BLVD BARSTOW CA 92311	0.16 SE	36
69	41	PERMITS	FLYING J 00047969/NOT REPORTED	2611 FISHER BARSTOW CA 92311	0.16 SE	36
70	21	PERMITS	H and B MECHANICAL INC 95037599/ACTIVE	111 CAL AVE BARSTOW CA 92311	0.16 SE	37
70	23	PERMITS	MV TRANSPORTATION INC CAL000275415/ACTIVE	1612 STATE ST BARSTOW CA 92311	0.16 SE	38
71	11	SWL	MADRONA ILLEGAL LF SWIS36-CR-0054/CLEAN CLOSED	1040 MADRONA ST BARSTOW CA	0.17 SW	39
72	44	PERMITS	LENWOOD SERVICE STATION LP CAL000329056/ACTIVE	2800 LENWOOD RD BARSTOW CA 92311	0.17 NW	40
73	66	UST	FLYING J SANBERDO00047969	2611 FISHER BARSTOW CA 92311	0.18 SE	41
75	67	UST	FLYING J SANBERDO47969/NUMBER OF TANKS 5	2611 FISHER BARSTOW CA 92311	0.18 SE	41
76	20	PERMITS	H and B MECHANICAL INC CAL000152995/ACTIVE	111 CAL AVENUE BARSTOW CA 92311	0.18 SE	42
77	76	LUST	BARSTOW STATION UNOCAL T0607100741/COMPLETED - CASE CLO	1501 MAIN ST E BARSTOW CA 92311	0.19 SE	43
78	14	PERMITS	B and D AUTOMOTIVE 01049361/ACTIVE	1800 E MAIN ST B BARSTOW CA 92311	0.19 SE	44
79	24	PERMITS	RPM 99047803/NOT REPORTED	1800 E MAIN BARSTOW CA 92311	0.19 SE	44
80	40	PERMITS	LENWOOD AMERICAN GAS FA0001048/INACTIVE	2596 COMMERCE PKWY BARSTOW CA 92311	0.22 NW	45
80	17	PERMITS	CIRCLE K SS 5731 86008571/ACTIVE	1501 E MAIN ST BARSTOW CA 92311	0.24 NW	46
81	52	UST	CIRCLE K SS 5731 SANBERDO86008571	1501 E MAIN ST BARSTOW CA 92311	0.24 NW	46
82	18	PERMITS	CIRCLE K STORES INC 2705731 CAL000278576/ACTIVE	1501 E MAIN ST BARSTOW CA 92311	0.24 NW	46
82	16	PERMITS	CIRCLE K 76 5731 FA0002190/ACTIVE	1501 E MAIN ST BARSTOW CA 92311	0.24 NW	46
83	77	LUST	DESERT VAN AND STORAGE T0607100748/COMPLETED - CASE CLO	170 EASTGATE RD E BARSTOW CA 92311	0.24 NW	47

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Sites Summary Report

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84	53	UST	DESERT VAN and STORAGE, INC. TISID-STATE39616/ACTIVE	170 EASTGATE BARSTOW CA 92311	0.24 NW	47
85	28	PERMITS	SAN BERNARDINO COUNTY DEHS CAH111000042/ACTIVE	861 BARSTOW ROAD BARSTOW CA 92311	0.25 NE	48
86	80	LUST	EXXON 7-3871 T0607100836/OPEN - VERIFICATION	1500 MAIN ST E BARSTOW CA 92311	0.25 NW	49
88	12	PERMITS	SMITH S FEED and FARM SUPPL 90022989/ACTIVE	30878 HWY 58 BARSTOW CA 92311	0.25 NW	50

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89	93	ERNS	BENDIX FIELD ENG CORP 321669/FIXED FACILITY	GULF STONE DEEP SPACE COMMU FORT IRWIN CA 92311	NON GC	
90	123	ERNS	UNKNOWN 407031/HIGHWAY RELATED	FORT IRWIN RD, 1 MILE NORTH BARSTOW CA 92311	NON GC	
90	122	ERNS	UNKNOWN 13223/UNKNOWN	S. DEWINDER RD OFF:I-15 S O BARSTOW CA	NON GC	
91	144	PERMITS	CLEVELAND TECHNICAL CNTER 92028928/INACTIVE	H and MAIN ST BARSTOW CA 92311	NON GC	
92	129	ERNS	486967/HIGHWAY RELATED	EASTBOUND I-40 AT HIDDEN SP BARSTOW CA	NON GC	
92	161	PERMITS	WILD WASH GRAVEL MINE and ROAD PIT 98046150/ACTIVE	I-15 and WILD WASH ROAD BARSTOW CA 92311	NON GC	
93	160	PERMITS	VERIZON-LANE MOUNTAIN PT0006912/ACTIVE	10 MI N/O FORT IRWIN RD BARSTOW CA 92311	NON GC	
93	159	PERMITS	VERIZON-BARSTOW B/HILL 93030676/ACTIVE	FORT IRWIN RD BARSTOW CA 92311	NON GC	
94	153	PERMITS	PROFLAME INC 89017762/NOT REPORTED	72 RIVERSIDE DR BARSTOW CA 92311	NON GC	
95	152	PERMITS	NEXTEL COMM CA-6096/BARSTOW OUTLET FA0009522/ACTIVE	33320 I ST BARSTOW CA 92311	NON GC	
95	151	PERMITS	NEW CINGULAR WIRELESS 13402 FA0009037/ACTIVE	33320 I ST BARSTOW CA 92311	NON GC	
96	150	PERMITS	LAIDLAW TRANSIT FA0004351/INACTIVE	190 CAL AVE G BARSTOW CA 92311	NON GC	
97	163	PERMITS	WILDWASH SAND/GRAVEL MINE 97045806/ACTIVE	I-15 and WILDWASH RD BARSTOW CA 92311	NON GC	
98	145	PERMITS	CLEVELAND TECHNICAL CNTER FA0002228/INACTIVE	H and MAIN ST BARSTOW CA 92311	NON GC	
99	138	SWL	NEWBERRY COMPRESSOR STATION WMUD6B362035001/ACTIVE	3 MI SO OF I-40, FORT CADY NEWBERRY SPRIN CA 92365	NON GC	
100	143	PERMITS	CI-BARSTOW WSTWTR RECLAMA 87013960/INACTIVE	2200 E RIVERSIDE DR BARSTOW CA 92311	NON GC	
102	142	PERMITS	BROADWING COMMUNICATIONS LLC FA0007480/ACTIVE	251 SAND STONE CT BARSTOW CA 92311	NON GC	
102	141	PERMITS	BROADWING COMMUNICATIONS PT0012748/ACTIVE	251 SAND STONE CT BARSTOW CA 92311	NON GC	
103	140	PERMITS	BLUE BEACON OF BARSTOW CAL000325784/ACTIVE	2540 HIGH POINT PARKWAY BARSTOW CA 92311	NON GC	
103	139	PERMITS	BARSTOW WATER RECLAMATION FACILI CAL000275273/ACTIVE	2200 RIVERSIDE DR BARSTOW CA 92311	NON GC	

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104	133	ERNS	UNK. (DUMPED) 62703/UNKNOWN	I-40, E. OF HECTOR NEWBERRY SPRIN CA 92365	NON GC	
104	132	ERNS	UNK 117328/UNKNOWN	I-40 NEAR HECTOR RD NEWBERRY SPRIN CA 92365	NON GC	
105	131	ERNS	MANFREDI MOTOR TRANSIT CO 646966/HIGHWAY RELATED	I-40 WESTBOUND LANE 11MI EA NEWBERRY SPRIN CA 92365	NON GC	
106	88	RCRAGN	BARSTOW LANDFILL CAD982495624/SGN	5 M S OF BARSTOW ON BARSTOW BARSTOW CA 92311	NON GC	
107	146	PERMITS	COFFMAN-WILDWASH SAND and GRAVEL M FA0008532/INACTIVE	I-15 EASTSIDE WILDWASH1/2 BARSTOW CA 92311	NON GC	
108	166	PERMITS	SO CAL GAS/NEWBERRY COMP 86010004/NOT REPORTED	3 MI SO OF I-40 NEWBERRY SPRIN CA 92365	NON GC	
109	175	LUST	BARSTOW WASTEWATER RECLAMATION T0607100772/COMPLETED - CASE CLO	2200 RIVERSIDE RD E BARSTOW CA 92311	NON GC	
110	173	UST	SANTA FE RAILWAY - BARSTOW AST1485/AST SWRCB REG.6V	H and MAIN ST BARSTOW CA	NON GC	
110	172	UST	FEDERAL AVIATION ADMIN TISID-STATE40711/ACTIVE	BARSTOW RML BARSTOW CA 92311	NON GC	
111	171	UST	BARSTOW TISID-STATE358/ACTIVE	W. MAIN ST BARSTOW CA 92311	NON GC	
112	165	PERMITS	SCE-HELENDALE SUBSTATION 01049224/NOT REPORTED	NATIONAL TRAILS HWY HELENDALE CA 92342	NON GC	
114	174	UST	NEWBERRY COMPRESSOR STATION AST547/AST SWRCB REG.7	3 MI S OF I-40 ON FTCADY RD NEWBERRY SPRNG CA 92365	NON GC	
114	170	OTHER	NCLRCA304/NOT REPORTED	434 S SECOND ST APT 1 BARSTOW CA	NON GC	
114	169	OTHER	NCLRCA264/NOT REPORTED	24966 CAMINO DEL SOL ST BARSTOW CA	NON GC	
115	162	PERMITS	WILD WASH GRAVEL MINE and ROAD PIT FA0002822/INACTIVE	I-15 and WILD WASH ROAD BARSTOW CA 92311	NON GC	
116	167	PERMITS	VERIZON-NEWBERRY 93030396/ACTIVE	NATIONAL TRAILS and NEWBERR NEWBERRY SPRIN CA 92365	NON GC	
117	137	SWL	FORT IRWIN RD LAND TREATMENT WMUD6B360331002/ACTIVE	H and MAIN ST PO BOX 879 BARSTOW CA 92311	NON GC	
119	164	PERMITS	E.L. YEAGER- I-15 PROJECT YARD FA0007969/INACTIVE	I-15 FWY AT DALE EVANS APPLE VALLEY CA 92307	NON GC	
120	158	PERMITS	VERIZON WIRELESS 94031708/ACTIVE	33320 I ST BARSTOW CA 92311	NON GC	
121	157	PERMITS	UNITED PARCEL SERVICE INC CAL000156493/ACTIVE	3183 EAST MAIN STREET BARSTOW CA 92311	NON GC	

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122	156	PERMITS	UNITED PACIFIC ENRGY/BSTW FA0005187/INACTIVE	850 E RIVERSIDE DR BARSTOW CA 92311	NON GC	
123	155	PERMITS	UNITED PACIFIC ENRGY/BSTW 00049060/INACTIVE	850 E RIVERSIDE DR BARSTOW CA 92311	NON GC	
124	154	PERMITS	SENTRY WELDING and EXHAUST FA0008059/ACTIVE	25408 W MAIN ST BARSTOW CA 92311	NON GC	
125	149	PERMITS	HERITAGE PROPANE FA0010594/ACTIVE	RIVERSIDE DR BARSTOW CA 92311	NON GC	
127	148	PERMITS	FE-FAA BARSTOW RCAG B 90020522/NOT REPORTED	L ST BARSTOW CA 92311	NON GC	
128	147	PERMITS	FE-FAA BARSTOW RCAG B 90020521/ACTIVE	L ST BARSTOW CA 92311	NON GC	
129	168	OTHER	FORT IRWIN ROAD DISPOSAL CAL36490092/REFER: RWQCB	FORT IRWIN ROAD BARSTOW CA 92311	NON GC	
131	114	ERNS	UNKNOWN 354337/HIGHWAY RELATED	NB I-15 AT MIDWAY REST MP 1 BARSTOW CA 92311	NON GC	
132	130	ERNS	256205/HIGHWAY RELATED	MAIN ST. BARSTOW CA	NON GC	
134	86	NFRAP	ATCHISON TOPEKA and SANTA FE RWY C CAD980893937/NFRAP-N	470 L STREET AT H STREET BARSTOW CA 92311	NON GC	
135	124	ERNS	USMC-LOGISTICS BASE BARST 371868/FIXED FAC./UST	USMC LOGISTICS BASE, MAIN S BARSTOW CA 92311	NON GC	
136	121	ERNS	UNKNOWN 226793/HIGHWAY RELATED	NB I-15 ON HALLORAN SUMMIT BARSTOW CA 92311	NON GC	
138	120	ERNS	UNKNOWN 273673/FIXED FACILITY	RIVERSIDE BARSTOW, WASTE WA BARSTOW CA 92311	NON GC	
140	119	ERNS	UNKNOWN 274910/HIGHWAY RELATED	EB I-40, EAST OF NEWBERY RE BARSTOW CA 92311	NON GC	
142	118	ERNS	UNKNOWN 234641/HIGHWAY RELATED	EB I-40 EAST OF E. BROADWAY BARSTOW CA 92311	NON GC	
144	117	ERNS	UNKNOWN 334001/HIGHWAY RELATED	FORT IRWIN ROAD, 9 MI N OF BARSTOW CA 92311	NON GC	
145	89	ERNS	5 MILES WEST OF I-15 WILDWASH ROAD NRC-887723/FIXED	5 MILES WEST OF I-15 WILDWA BARSTOW CA	NON GC	
146	115	ERNS	UNKNOWN 234692/FIXED FACILITY	FORT IRWIN OFFRAMP BARSTOW CA 92311	NON GC	
148	90	ERNS	ALL AMERICAN PIPELINE 378542/FIXED FACILITY	TWELVE GAUGE LAKE STATION, BARSTOW CA 92311	NON GC	
149	113	ERNS	UNKNOWN 371654/HIGHWAY RELATED	SB I-15 SOUTH OF GHOSTOWN R BARSTOW CA 92311	NON GC	

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150	109	ERNS	TRI STATE TRUCKING 467793/HIGHWAY RELATED	MOTEL DOWN THE STREET TRUCK BARSTOW CA 92311	NON GC	
151	108	ERNS	TRI STATE TRUCKING 241375/HIGHWAY RELATED	MOTEL DOWN THE STREET TRUCK BARSTOW CA	NON GC	
152	107	ERNS	SANTE FE RR 474786/RAILROAD	HANE MAIN STREET BARSTOW CA 92311	NON GC	
153	106	ERNS	SANTA FE RAILWAY CO. 440172/RAILROAD	H AND MAIN ST. EAST OF LOCA BARSTOW CA 92311	NON GC	
154	105	ERNS	SANTA FE RAILWAY 493009/FIXED FACILITY	BARSTOW RAIL YARD - MAIN ST BARSTOW CA	NON GC	
155	100	ERNS	PHOENIX TRANSPORTATION 489641/HIGHWAY RELATED	MILEPOST 19 EASTBOUND I-40 BARSTOW CA	NON GC	
156	99	ERNS	MONTGOMERY TANKLINES 465390/HIGHWAY RELATED	I-40 AT MILEPOST 16 BARSTOW CA	NON GC	
157	98	ERNS	MONTGOMERY TANKLINES 162160/HIGHWAY RELATED	I-40 AT MILEPOST 16 BARSTOW CA	NON GC	
158	116	ERNS	UNKNOWN 353602/HIGHWAY RELATED	NB I-15 AT MIDWAY REST MP 1 BARSTOW CA 92311	NON GC	
159	104	ERNS	SANTA FE RAILROAD 414570/FIXED FACILITY	BARSTOW RAIL YARD BARSTOW CA	NON GC	
160	136	STATE	FORT IRWIN ROAD DISPOSAL CAL36490092/PROPERTY/SITE REFERR	FORT IRWIN ROAD BARSTOW CA 92311	NON GC	
164	135	ERNS	UNKNOWN 342511/HIGHWAY RELATED	WB I-40 MILE MARKER 30 NEWBERRY SPRIN CA 92365	NON GC	
165	134	ERNS	UNKNOWN 307689/HIGHWAY RELATED	CENTER DIVIDE I-40 I MI W O NEWBERRY SPRIN CA 92365	NON GC	
166	128	ERNS	415977/HIGHWAY RELATED	S/B I-15 SOUTH OF GHOST TOW BARSTOW CA 92311	NON GC	
167	127	ERNS	NRC-846229/PIPELINE	H STREET BARSTOW CA 92311	NON GC	
170	126	ERNS	50808/UNKNOWN	INTERSECTION BARSTOW RD AND BARSTOW CA	NON GC	
171	125	ERNS	YELLOW FREIGHT 595684/HIGHWAY RELATED	I-15 AND PALMDALE ROAD BARSTOW CA	NON GC	
172	112	ERNS	UNKNOWN 293470/HIGHWAY RELATED	SB I-15, SOUTH OF W. MAIN S BARSTOW CA 92311	NON GC	
174	87	NFRAP	FORT IRWIN RD DSPL CAD980498570/NFRAP-N	FORT IRWIN RD BARSTOW CA 92311	NON GC	
174	110	ERNS	UNK 73374/UNKNOWN	HODGE RD 1/4MI W OF I5 BARSTOW CA 92311	NON GC	

Environmental FirstSearch
Sites Summary Report

Target Property: BARSTOW CA 92311

JOB: 206725003

TOTAL: 176 **GEOCODED:** 85 **NON GEOCODED:** 91 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
175	176	LUST	BLDG 143 T72 T0607100852/CASE CLOSED	2ND STREET FORT IRWIN NTC CA 92311	NON GC	
176	103	ERNS	SANTA FE RAILROAD 362070/FIXED FACILITY	H AND MAIN ST, MP 748 BARSTOW CA 92311	NON GC	
177	102	ERNS	SANTA FE RAILROAD 493212/RAILROAD	EAST BARSTOW RAILROAD STATI BARSTOW CA	NON GC	
178	101	ERNS	PRO FLAME GAS 131766/UNKNOWN	RIVERSIDE DRIVE AT THE OLD BARSTOW CA	NON GC	
178	97	ERNS	MAY FLOWER VAN LINE 114473/UNKNOWN	I 15 3/4 MI N OF W MAIN ST BARSTOW CA	NON GC	
179	96	ERNS	BULK TRANSPORTATION 335765/HIGHWAY RELATED	L and WHITE STREETS BARSTOW CA 92311	NON GC	
180	95	ERNS	BULINGTON NORTHERN RAILROAD 536424/RAILROAD	BARSTOW YARD, H + MAIN ST. BARSTOW CA 92311	NON GC	
181	94	ERNS	BNSF RR 536538/RAILROAD	H STREET RAILROAD YARD -TAN BARSTOW CA 92311	NON GC	
182	92	ERNS	ALL AMERICAN PIPELINE/M KING 124159/UNKNOWN	12 MI W OF BARSTOW/S OF ST BARSTOW CA 92311	NON GC	
183	91	ERNS	ALL AMERICAN PIPELINE 377629/FIXED FACILITY	TWELVE GAUGE LAKE STATION, BARSTOW CA 92311	NON GC	
184	111	ERNS	UNKNOWN 189411/HIGHWAY RELATED	I-40 W/B MILEPOST 72 BARSTOW CA	NON GC	

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 4 **DIST/DIR:** 0.01 SE **MAP ID:** 1

NAME:	COOL POWER	**REV:**	7/14/09
ADDRESS:	I-15 and LENWOOD RD BARSTOW CA 92311 SAN BERNARDINO	**ID1:**	CAD981444532
		ID2:	
		STATUS:	SGN
CONTACT:		**PHONE:**	

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
I-15 and LENWOOD RD
BARSTOW CA 92311

PHONE: 6192532922

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 9 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: CITY OF BARSTOW
ADDRESS: INTERSECTION OF I-15 AND LENWOOD RD.
BARSTOW CA
San Bernardino
CONTACT:

REV: 3/12/90 0:
ID1: 465383
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 3/12/1990 **TIME OF SPILL:** 0100

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 200
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: DIRT

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: SPILLED FUEL COVERED WITH DIRT BY TRUCK STOP PERSONNEL, AFTER BEING ADVISED
RELEASE DETECTION: MATERIAL SPILLED FROM SADDLE TANKS ON TRUCK AFTER TWO
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 465383 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: LOCAL GOVERNMENT
NAME OF DISCHARGER: CITY OF BARSTOW
ADDRESS: 220 E. MOUNTAIN VIEW ST.
BARSTOW CA 92311-

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 10 **DIST/DIR:** 0.02 NW **MAP ID:** 3

NAME: TRANSWESTERN XPRESS
ADDRESS: INTERSECTION OF I-15 AND LENWOOD RD. TRUCK STOP PA
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 3/12/90 0:
ID1: 161921
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 3/12/1990 **TIME OF SPILL:** 0100

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 200
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: DIRT

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: SPILLED FUEL COVERED WITH DIRT BY TRUCK STOP PERSONNEL, AFTER BEING ADVISED TO DO SO BY LOCAL FD. LOCAL POLICE ALSO ON SCENE.
RELEASE DETECTION: MATERIAL SPILLED FROM SADDLE TANKS ON TRUCK AFTER TWO VEHICLE ACCIDENT .
MISC. NOTES: TRUCKS ON DIRT PARKING LOT WHEN THEY HIT. MATERIAL WAS CONTAINED IN SADDLE TANKS. 2ND TRUCK OWNED BY TRIEB TRUCKING; BROWNSBURG, IN.

DISCHARGER INFORMATION

DISCHARGER ID: 161921 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: TRANSWESTERN XPRESS
ADDRESS:
DENVER CO

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 46 **DIST/DIR:** 0.03 SE **MAP ID:** 4

NAME: SO CAL WATER CO-GLEN
ADDRESS: 35724 LENWOOD RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 01049526
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0009937*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*760 2568040*
Owner Name:	*SO CAL WATER CO*
Owner Address:	*401 S SAN DIMAS CANYON RD*
Owner Address:	*SAN DIMAS CA 91773*
Owner Phone:	*909 5924193*

PERMITS

SEARCH ID: 51 **DIST/DIR:** 0.04 SE **MAP ID:** 5

NAME: LENWOOD FUEL
ADDRESS: 2824 LENWOOD RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000327304
ID2:
STATUS: ACTIVE
PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI) SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*11/30/2007 1:42:16 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*2824 LENWOOD RD, BARSTOW, CA 92311-9589*
Owner Name:	*GHOLAMHOSSEIN ZAL*
Owner Address:	*2824 LENWOOD RD, BARSTOW, CA 92311-9589*
Contact Name:	*GHOLAMHOSSEIN ZAL*
Contact Address:	*2824 LENWOOD RD, BARSTOW, CA 92311-9589*
Contact Phone:	*7602537297*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 50 **DIST/DIR:** 0.04 SE **MAP ID:** 5

NAME:	DIAMOND D FUEL (MOBIL)	**REV:**	02/11/04
ADDRESS:	2824 LENWOOD RD	**ID1:**	97044957
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - UST ONLY*
Permit Number:	*PT0009064*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*760 9611188*
Owner Name:	*APPLE INVESTMENT INC*
Owner Address:	*P O BOX 13130*
Owner Address:	*JACKSON WY 83002*
Owner Phone:	*307 7347979*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 73 **DIST/DIR:** 0.04 SE **MAP ID:** 5

NAME:	DIAMOND D FUEL (MOBIL)	**REV:**	04/03/2002
ADDRESS:	2824 LENWOOD RD	**ID1:**	SANBERDO97044957
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	APPLE INVESTMENT INC	**PHONE:**	9611188

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010721*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*APPLE INVESTMENT INC*
Owner Phone Number:	*7347979*
Owner Address:	*P O BOX 13130 JACKSON, WY 83002*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010722*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*APPLE INVESTMENT INC*
Owner Phone Number:	*7347979*
Owner Address:	*P O BOX 13130 JACKSON, WY 83002*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 55 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME:	E-Z SERVE 695	**REV:**	01/01/94
ADDRESS:	1700 MAIN	**ID1:**	TISID-STATE39505
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *LAHONTAN RWQCB (REGION 6V)*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *90154*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Aquifer used for drinking water supply*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Open - Remediation*
STATUS DATE: *2007-04-25 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-21*
ACTION (blank if not reported): *Corrective Action Plan / Remedial Action Plan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-05-05*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-07-24*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-10-30*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-05-02*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-08-18*
ACTION (blank if not reported): *Additional Information Report*

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-06-15*
ACTION (blank if not reported): *Corrective Action Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-08-22*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2006-03-14*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-12-13*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-08-04*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-01-22*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-10*
ACTION (blank if not reported): *Corrective Action Plan / Remedial Action Plan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-21*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-05-07*
ACTION (blank if not reported): *Technical Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-07-15*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2004-09-02*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2004-06-22*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2008-10-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-11-01*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-04-22*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-11-14*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-02-08*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-10-03*
ACTION (blank if not reported): *Preliminary Site Assessment Workplan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-11-21*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *REMEDIATION*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Soil Vapor Extraction w/Other*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-02-14*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-02-06*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-07-27*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-12-31*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2003-04-23*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *ENFORCEMENT*

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

DATE (blank if not reported): *1993-01-12*
ACTION (blank if not reported): ** Historical Enforcement*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2009-04-23*
ACTION (blank if not reported): *Meeting*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2005-09-15*
ACTION (blank if not reported): *VER*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2008-04-15*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-24*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-09-30*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2009-03-02*
ACTION (blank if not reported): *Technical Correspondence / Assistance / Other*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-10-13*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2009-01-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-06-12*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-08-18*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-12-21*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-03-30*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-11-15*

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-10-20*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-06-30*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-21*
ACTION (blank if not reported): *Corrective Action Report*

ACTION TYPE (blank if not reported): *REMEDIATION*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Remove free product*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-17*
ACTION (blank if not reported): *Corrective Action Plan / Remedial Action Plan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-24*
ACTION (blank if not reported): *Corrective Action Plan / Remedial Action Plan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-24*
ACTION (blank if not reported): *Additional Information Workplan*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-06*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-12-01*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2008-07-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-10-31*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-04-12*
ACTION (blank if not reported): *Remedial Progress Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2007-04-26*
ACTION (blank if not reported): *Remedial Progress Report*

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 79 **DIST/DIR:** 0.04 SE **MAP ID:** 6

NAME: E-Z SERVE 100825 (FORMER)
ADDRESS: 1700 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100670
ID2:
STATUS: OPEN - REMEDIATION
PHONE:

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-04-03*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-12-30*
ACTION (blank if not reported): *Electronic Reporting Submittal Due*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2003-04-23*
ACTION (blank if not reported): *Site Visit / Inspection / Sampling*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-07-29*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-11-06*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-12-04*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-02-15*
ACTION (blank if not reported): *Pilot Study Report*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 69 **DIST/DIR:** 0.06 NW **MAP ID:** 7

NAME:	WARREN OPIE WALLIS INC.	**REV:**	01/01/94
ADDRESS:	34474 LENWOOD	**ID1:**	TISID-STATE40459
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 30 **DIST/DIR:** 0.06 NE **MAP ID:** 8

NAME: BNSF
ADDRESS: 200 N AVENUE H
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 91024238
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS MATERIAL HANDLER. HANDLER FOR FACILITY WITH CORRESPONDING WASTE PERMT. 500 PLUS EMPLOYEES*
Permit Number: *9702106784*
Facility Phone: *760 2557607*
Owner Name: *BNSF*
Owner Address: *740 E CARNEGIE DR*
Owner Address: *SAN BERNARDINO CA 92408*
Owner Phone: *909 3864082*

Permit Category: *HAZARDOUS WASTE GENERATOR. 500 PLUS EMPLOYEES*
Permit Number: *9702106785*
Facility Phone: *760 2557607*
Owner Name: *BNSF*
Owner Address: *740 E CARNEGIE DR*
Owner Address: *SAN BERNARDINO CA 92408*
Owner Phone: *909 3864082*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *9709093543*
Facility Phone: *760 2557607*
Owner Name: *BNSF*
Owner Address: *740 E CARNEGIE DR*
Owner Address: *SAN BERNARDINO CA 92408*
Owner Phone: *909 3864082*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 32 **DIST/DIR:** 0.06 NE **MAP ID:** 8

NAME: BNSF-BARSTOW
ADDRESS: 200 N AVENUE H
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 09/26/06
ID1: FA0001620
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *EPCRA FACILITY*
Permit Number: *PT0016577*
Status: *ACTIVE*
Expiration Date: *9/30/2007 12:00:00AM*
Facility Phone:
Owner Name: *BURLINGTON NO SANTA FE RAILWAY*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *UW HANDLER (WITH ANOTHER CUPA PERMIT)*
Permit Number: *PT0016579*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *BURLINGTON NO SANTA FE RAILWAY*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZARDOUS WASTE GENERATOR RCRA LQG*
Permit Number: *PT0017010*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *BURLINGTON NO SANTA FE RAILWAY*
Owner Address:
Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 31 **DIST/DIR:** 0.06 NE **MAP ID:** 8

NAME: BNSF-BARSTOW
ADDRESS: 200 N AVENUE H
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 95038032
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 500+ EMPLOYEES (W/GEN PRMT)*
Permit Number: *PT0005451*
Status: *ACTIVE*
Expiration Date: *9/30/2007 12:00:00AM*
Facility Phone: *760 2557750*
Owner Name: *IN-TERMINAL SERVICES*
Owner Address: *H and MAIN*
Owner Address: *BARSTOW CA 92311*
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *GENERATOR - 500+ EMPLOYEES*
Permit Number: *PT0005452*
Status: *ACTIVE*
Expiration Date: *9/30/2007 12:00:00AM*
Facility Phone: *760 2557750*
Owner Name: *IN-TERMINAL SERVICES*
Owner Address: *H and MAIN*
Owner Address: *BARSTOW CA 92311*
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 61 **DIST/DIR:** 0.06 SE **MAP ID:** 9

NAME:	VICTORVILLE-BARSTOW TRUCK	**REV:**	01/01/94
ADDRESS:	1550 STATE	**ID1:**	TISID-STATE38782
	BARSTOW CA 91011	**ID2:**	
	Los Angeles	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

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Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 60 **DIST/DIR:** 0.06 SE **MAP ID:** 10

NAME:	TERRIBLE HERBST INC 74	**REV:**	07/06/2000
ADDRESS:	1710 E MAIN ST	**ID1:**	SANBERDO86008577
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	NUM OF TANKS: 4
CONTACT:	TERRIBLE HERBST INC	**PHONE:**	000 0000000

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:	*4*
Permit Number:	*8602250119*
Permit Category:	*222800*
Owner Name:	*TERRIBLE HERBST INC*
Owner Phone Number:	*702 7986400*
Owner Address:	*5195 LAS VEGAS BLVD SOUTH LAS VEGAS, NV 89119*

UST

SEARCH ID: 59 **DIST/DIR:** 0.06 SE **MAP ID:** 10

NAME:	TERRIBLE HERBST INC 74	**REV:**	01/01/94
ADDRESS:	1710 MAIN	**ID1:**	TISID-STATE39633
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

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Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 82 **DIST/DIR:** 0.06 NE **MAP ID:** 11

NAME: ATandSF YARD
ADDRESS: 200 H ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100728
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *90139*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Aquifer used for drinking water supply*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Completed - Case Closed*
STATUS DATE: *1992-03-27 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Discovery*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Stopped*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1991-11-12*
ACTION (blank if not reported): ** Historical Enforcement*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 39 **DIST/DIR:** 0.07 SE **MAP ID:** 12

NAME: VALERO STATION 3757
ADDRESS: 491 ARMORY RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000323890
ID2:
STATUS: ACTIVE
PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*8/20/2007 1:10:10 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*685 W 3RD ST, HANFORD, CA 93230-5018*
Owner Name:	*VALERO CALIFORNIA RETAIL COMPANY*
Owner Address:	*1 VALERO WAY, SAN ANTONIO, TX 78249-1616*
Contact Name:	*THOMAS SEXTON*
Contact Address:	*685 W 3RD ST, HANFORD, CA 93230-5018*
Contact Phone:	*5595833231*

PERMITS

SEARCH ID: 29 **DIST/DIR:** 0.07 SE **MAP ID:** 12

NAME: BEACON STATION 3757
ADDRESS: 491 ARMORY
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 95038518
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - UST ONLY*
Permit Number:	*PT0008115*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*209 5835598*
Owner Name:	*ULTRAMAR/DIAMOND/SHAMROCK*
Owner Address:	*P O BOX 690127*
Owner Address:	*SAN ANTONIO TX 78269*
Owner Phone:	

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 38 **DIST/DIR:** 0.07 SE **MAP ID:** 12

NAME: ULTRAMAR STATION 3757
ADDRESS: 491 ARMORY RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000239812
ID2:
STATUS: INACTIVE
PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI) SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*10/12/2001*
Inactivity Date:	*8/20/2007*
Facility Mail Name:	
Facility Mailing Address:	*685 W THIRD ST, HANFORD, CA 93230-0000*
Owner Name:	*ULTRAMAR INC*
Owner Address:	*685 W THIRD ST, HANFORD, CA 93230-0000*
Contact Name:	*JULIE JOHNS*
Contact Address:	*685 W THIRD ST, HANFORD, CA 93230-0000*
Contact Phone:	*5595833251*

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:	
1999 Total Tonnage:	
1998 Waste Type:	
1998 Total Tonnage:	
1997 Waste Type:	
1997 Total Tonnage:	
1996 Waste Type:	
1996 Total Tonnage:	
1995 Waste Type:	
1995 Total Tonnage:	
1994 Waste Type:	
1994 Total Tonnage:	
1993 Waste Type:	
1993 Total Tonnage:	

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2008:

2008 Waste Type:	
2008 Total Tonnage:	
2007 Waste Type:	*Other organic solids*
2007 Total Tonnage:	*0.1*
2006 Waste Type:	*Other organic solids*
2006 Total Tonnage:	*0.15*
2005 Waste Type:	
2005 Total Tonnage:	
2004 Waste Type:	
2004 Total Tonnage:	
2003 Waste Type:	
2003 Total Tonnage:	
2002 Waste Type:	*Other organic solids*
2002 Total Tonnage:	*0.02*
2001 Waste Type:	
2001 Total Tonnage:	
2000 Waste Type:	
2000 Total Tonnage:	

Target Property: BARSTOW CA 92311 **JOB:** 206725003

UST

SEARCH ID: 62 **DIST/DIR:** 0.07 SE **MAP ID:** 12

NAME:	BEACON STATION 3757	**REV:**	04/03/2002
ADDRESS:	491 ARMORY	**ID1:**	SANBERDO95038518
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	M and S HAIR, M PITCARIN	**PHONE:**	5835598

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010487*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*ULTRAMAR INC*
Owner Phone Number:	*7923028*
Owner Address:	*501 KERN ST MC FARLAND, CA 93250*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010488*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*ULTRAMAR INC*
Owner Phone Number:	*7923028*
Owner Address:	*501 KERN ST MC FARLAND, CA 93250*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010489*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*ULTRAMAR INC*
Owner Phone Number:	*7923028*
Owner Address:	*501 KERN ST MC FARLAND, CA 93250*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 85 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME: CHEVRON SERVICE STATION
ADDRESS: 2890 LENWOOD RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100834
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *94006*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Soil*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Completed - Case Closed*
STATUS DATE: *2003-07-07 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-04-03*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Discovery*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1994-02-09*
ACTION (blank if not reported): ** Historical Enforcement*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Stopped*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 49 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9752	**REV:**	02/11/04
ADDRESS:	2890 LENWOOD RD	**ID1:**	86008557
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0002067*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*CHEVRON PROD CO*
Owner Address:	*P O BOX 6004*
Owner Address:	*SAN RAMON CA 94583*
Owner Phone:	*510 8429002*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

UST

SEARCH ID: 72 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9752	**REV:**	04/03/2002
ADDRESS:	2890 LENWOOD RD	**ID1:**	SANBERDO86008557
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	CHEVRON PROD CO	**PHONE:**	0000000

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*4*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012275*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CHEVRON PRODUCTS CO*
Owner Phone Number:	*8429002*
Owner Address:	*P O BOX 6004 SAN RAMON, CA 945830804*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*4*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012276*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CHEVRON PRODUCTS CO*
Owner Phone Number:	*8429002*
Owner Address:	*P O BOX 6004 SAN RAMON, CA 945830804*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*4*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012277*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CHEVRON PRODUCTS CO*
Owner Phone Number:	*8429002*
Owner Address:	*P O BOX 6004 SAN RAMON, CA 945830804*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 72 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9752	**REV:**	04/03/2002
ADDRESS:	2890 LENWOOD RD	**ID1:**	SANBERDO86008557
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	CHEVRON PROD CO	**PHONE:**	0000000

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*4*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012278*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CHEVRON PRODUCTS CO*
Owner Phone Number:	*8429002*
Owner Address:	*P O BOX 6004 SAN RAMON, CA 945830804*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 71 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9752	**REV:**	01/01/94
ADDRESS:	I15 AT LENWOOD RD	**ID1:**	TISID-STATE40791
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 5 **DIST/DIR:** 0.07 SE **MAP ID:** 13

NAME:	CHEVRON STATION 9 9752	**REV:**	7/14/09
ADDRESS:	2890 LENWOOD RD	**ID1:**	CAD983635889
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	SGN
CONTACT:		**PHONE:**	

SITE INFORMATION

CONTACT INFORMATION: MARK KANITRA
P O BOX 2833
LA HABRA CA 90632

PHONE: 3106947452

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 65 **DIST/DIR:** 0.07 NW **MAP ID:** 14

NAME:	DESERT DISTRIBUTING COMPANY	**REV:**	01/01/94
ADDRESS:	34337 LENWOOD	**ID1:**	TISID-STATE38916
	LENWOOD CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 34 **DIST/DIR:** 0.07 SE **MAP ID:** 15

NAME:	DESERT DENTAL GROUP	**REV:**	04/16/08
ADDRESS:	945 ARMORY RD STE C	**ID1:**	CAL000301077
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*12/6/2005 8:09:23 AM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*945 ARMORY RD STE C, BARSTOW, CA 92311-5461*
Owner Name:	*TARIQ H. ALSAMAAN DDS*
Owner Address:	*945 ARMORY RD STE C, BARSTOW, CA 92311-5461*
Contact Name:	*KATHLEEN DEVOTE*
Contact Address:	*945 ARMORY RD STE C, BARSTOW, CA 92311-5461*
Contact Phone:	*7602527070*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Unspecified organic liquid mixture*
Total Tonnage per Year:	*0.00834*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 36 **DIST/DIR:** 0.08 SE **MAP ID:** 16

NAME: LUCKY DRY CLEANERS
ADDRESS: 967 ARMORY RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 00048251
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *0004043379*
Facility Phone: *760 2523134*
Owner Name: *HARSHADRAI PATEL*
Owner Address: *5875 HWY 58*
Owner Address: *BORON CA 93516*
Owner Phone: *760 7626379*

Permit Category: *HAZARDOUS WASTE GENERATOR. LIMITED QUANTITY GENERATOR-LESS THAN 5 GALLONS PER MONTH.*
Permit Number: *0004043380*
Facility Phone: *760 2523134*
Owner Name: *HARSHADRAI PATEL*
Owner Address: *5875 HWY 58*
Owner Address: *BORON CA 93516*
Owner Phone: *760 7626379*

Permit Category: *HAZARDOUS MATERIAL HANDLER. SPECIAL HANDLER*
Permit Number: *0004043381*
Facility Phone: *760 2523134*
Owner Name: *HARSHADRAI PATEL*
Owner Address: *5875 HWY 58*
Owner Address: *BORON CA 93516*
Owner Phone: *760 7626379*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRANLR

SEARCH ID: 6 **DIST/DIR:** 0.09 SE **MAP ID:** 17

NAME:	OMS 2	**REV:**	2/14/05
ADDRESS:	DILL RD	**ID1:**	CAD981368905
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	NLR
CONTACT:	ENVIRONMENTAL MANAGER	**PHONE:**	9169206505

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
DILL RD
BARSTOW CA 92311

PHONE: 9169206505

UNIVERSE INFORMATION:

PREM WRKLD:	-----
CLOSURE WRKLD:	-----
P C WRKLD:	-----
SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
CA WRKLD:	N - NO
GEN STATUS:	N

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.09 SE **MAP ID:** 17

NAME: OMS 2 CALIFORNIA NATIONAL GUARD
ADDRESS: 1601 ARMORY ROAD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/14/09
ID1: CAD981368905
ID2:
STATUS: LGN
PHONE:

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
DILL RD
BARSTOW CA 92311

PHONE: 9169206505

UNIVERSE INFORMATION:

NAIC INFORMATION

811111 - GENERAL AUTOMOTIVE REPAIR

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Lindane (1,2,3,4,5,6-hexa-chlorocyclohexane, gamma isomer)
Ignitable waste
Corrosive waste

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 43 **DIST/DIR:** 0.09 SE **MAP ID:** 18

NAME: FLYING J. INC.
ADDRESS: 2611 FISHER BLVD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: PT0000048
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UST ONLY*
Permit Number: *PT0000048*
Status: *ACTIVE*
Expiration Date: *2/28/2007 12:00:00AM*
Facility Phone:
Owner Name: *FLYING J. INC*
Owner Address:
Owner Address:
Owner Phone:

UST

SEARCH ID: 75 **DIST/DIR:** 0.09 SE **MAP ID:** 19

NAME: WEBSTER OIL
ADDRESS: 2880 LENWOOD RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT: WEBSTER, IRENE

REV: 01/19/99
ID1: SANBERDO86008612
ID2:
STATUS:
PHONE:

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Owner Name: *WEBSTER, IRENE*
Owner Address: *2880 LENWOOD RD BARSTOW, CA 92311*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 68 **DIST/DIR:** 0.09 NW **MAP ID:** 20

NAME:	PILOT OIL 282	**REV:**	04/03/2002
ADDRESS:	2591 COMMERCE PKWY	**ID1:**	SANBERDO92027875
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	
CONTACT:	PILOT OIL CORPORATION	**PHONE:**	2532861

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010263*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PILOT OIL CORPORATION*
Owner Phone Number:	*0000000*
Owner Address:	*P O BOX 10146 KNOXVILLE, TN 379390146*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010264*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PILOT OIL CORPORATION*
Owner Phone Number:	*0000000*
Owner Address:	*P O BOX 10146 KNOXVILLE, TN 379390146*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010265*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PILOT OIL CORPORATION*
Owner Phone Number:	*0000000*
Owner Address:	*P O BOX 10146 KNOXVILLE, TN 379390146*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 27 **DIST/DIR:** 0.09 NE **MAP ID:** 21

NAME:	BARSTOW FIRE PROTECTION DIST	**REV:**	04/16/08
ADDRESS:	861 BARSTOW RD	**ID1:**	CAL000269262
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*4/18/2003 11:26:46 AM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*861 BARSTOW RD, BARSTOW, CA 92311-3903*
Owner Name:	*BARSTOW FIRE PROTECTION DIST*
Owner Address:	*861 BARSTOW RD, BARSTOW, CA 92311-3903*
Contact Name:	*LORRAINE BARNES/PAI-X22*
Contact Address:	*861 BARSTOW RD, BARSTOW, CA 92311-3903*
Contact Phone:	*7602562254*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 37 **DIST/DIR:** 0.10 SE **MAP ID:** 22

NAME:	ST-CA ARMY NAT L GRD OMS2	**REV:**	02/11/04
ADDRESS:	1601 ARMORY RD	**ID1:**	89019297
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)*
Permit Number:	*PT0004478*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*STATE OF CA MILITARY DEPT*
Owner Address:	*P O BOX 269101 ATTN;CAMN*
Owner Address:	*SACRAMENTO CA 95826*
Owner Phone:	*916 8543340*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*GENERATOR - 0-10 EMPLOYEES*
Permit Number:	*PT0004479*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*STATE OF CA MILITARY DEPT*
Owner Address:	*P O BOX 269101 ATTN;CAMN*
Owner Address:	*SACRAMENTO CA 95826*
Owner Phone:	*916 8543340*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 63 **DIST/DIR:** 0.10 SE **MAP ID:** 22

NAME:	ST-CA ARMY NAT L GRD OMS2	**REV:**	04/03/2002
ADDRESS:	1601 ARMORY RD	**ID1:**	SANBERDO89019297
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	STATE OF CA MILITARY DEPT	**PHONE:**	0000000

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010796*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*STATE OF CA MILITARY DEPT*
Owner Phone Number:	*8543340*
Owner Address:	*P O BOX 269101 ATTN;CAMN SACRAMENTO, CA 958269101*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010797*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*STATE OF CA MILITARY DEPT*
Owner Phone Number:	*8543340*
Owner Address:	*P O BOX 269101 ATTN;CAMN SACRAMENTO, CA 958269101*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 33 **DIST/DIR:** 0.10 NE **MAP ID:** 23

NAME:	CO-HHW SATELLITE-BARSTOW	**REV:**	02/11/04
ADDRESS:	900 S AVENUE H	**ID1:**	00048965
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*PBR - HHW ANNUAL FEE*
Permit Number:	*PT0001247*
Status:	*FEE EXEMPT*
Expiration Date:	*12/31/2005 12:00:00AM*
Facility Phone:	*909 3825401*
Owner Name:	*SBCOFD HHW PROGRAM*
Owner Address:	*2824 E W ST*
Owner Address:	*SAN BERNARDINO CA 92415*
Owner Phone:	*909 3825401*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*GENERATOR - 0-10 EMPLOYEES*
Permit Number:	*PT0001248*
Status:	*FEE EXEMPT*
Expiration Date:	*12/31/2005 12:00:00AM*
Facility Phone:	*909 3825401*
Owner Name:	*SBCOFD HHW PROGRAM*
Owner Address:	*2824 E W ST*
Owner Address:	*SAN BERNARDINO CA 92415*
Owner Phone:	*909 3825401*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - USED OIL COLLECTION CENTERS*
Permit Number:	*PT0001249*
Status:	*INACTIVE*
Expiration Date:	*12/31/2005 12:00:00AM*
Facility Phone:	*909 3825401*
Owner Name:	*SBCOFD HHW PROGRAM*
Owner Address:	*2824 E W ST*
Owner Address:	*SAN BERNARDINO CA 92415*
Owner Phone:	*909 3825401*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)*
Permit Number:	*PT0001250*
Status:	*FEE EXEMPT*
Expiration Date:	*12/31/2005 12:00:00AM*
Facility Phone:	*909 3825401*
Owner Name:	*SBCOFD HHW PROGRAM*
Owner Address:	*2824 E W ST*
Owner Address:	*SAN BERNARDINO CA 92415*
Owner Phone:	*909 3825401*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 35 **DIST/DIR:** 0.10 NE **MAP ID:** 23

NAME:	HHW SATELLITE-BARSTOW	**REV:**	09/26/06
ADDRESS:	900 S AVENUE H	**ID1:**	FA0002302
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	FEE EXEMPT
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*UW HANDLER (WITH ANOTHER CUPA PERMIT)*
Permit Number:	*PT0016778*
Status:	*FEE EXEMPT*
Expiration Date:	*12/31/2005 12:00:00AM*
Facility Phone:	
Owner Name:	*SAN BERNARDINO COUNTY FIRE-HHW*
Owner Address:	
Owner Address:	
Owner Phone:	

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 54 **DIST/DIR:** 0.10 NW **MAP ID:** 24

NAME:	DRYGULCH SHELL	**REV:**	07/06/2000
ADDRESS:	1601 E MAIN ST	**ID1:**	SANBERDO86008574
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	NUM OF TANKS: 4
CONTACT:	EQUILON ENT., L.L.C.	**PHONE:**	760 2562037

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:	*4*
Permit Category:	*222800*
Owner Name:	*EQUILON ENT., L.L.C.*
Owner Phone Number:	*4574335*
Owner Address:	*2255 N ONTARIO ST 208A BURBANK, CA 91504*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

Number of Tanks:	*4*
Permit Category:	*222800*
Owner Name:	*EQUILON ENT., L.L.C.*
Owner Phone Number:	*4843811*
Owner Address:	*3200 E INLAND EMPIRE BLVD 275 ONTARIO, CA 917645513*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 78 **DIST/DIR:** 0.10 NW **MAP ID:** 24

NAME: DRY GULCH SHELL
ADDRESS: 1601 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100933
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *99015*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Under Investigation*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Completed - Case Closed*
STATUS DATE: *2000-01-20 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Discovery*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1999-01-26*
ACTION (blank if not reported): ** Historical Enforcement*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Stopped*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 2 **DIST/DIR:** 0.10 NW **MAP ID:** 24

NAME:	SHELL SERVICE STATION	**REV:**	7/14/09
ADDRESS:	1601 E MAIN ST	**ID1:**	CAR000097667
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	SGN
CONTACT:		**PHONE:**	

SITE INFORMATION

CONTACT INFORMATION: SONDRA BIENVENU
P O BOX 2648
HOUSTON TX 772522648

PHONE: 7132415036

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste
Benzene

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 1 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME:	EXXONMOBIL OIL CORPORATION NO 12497	**REV:**	7/14/09
ADDRESS:	1600 E MAIN ST	**ID1:**	CAL000055704
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	LGN
CONTACT:		**PHONE:**	

SITE INFORMATION

UNIVERSE INFORMATION:

NAIC INFORMATION

44711 - GASOLINE STATIONS WITH CONVENIENCE STORES

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 19 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME: FREEWAY AUTOMOTIVE
ADDRESS: 1600 E MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 09/26/06
ID1: FA0008936
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL HANDLER*
Permit Number: *PT0014998*
Status: *INACTIVE*
Expiration Date: *8/31/2004 12:00:00AM*
Facility Phone:
Owner Name: *CHUY, MARCUS*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL GENERATOR(B)*
Permit Number: *PT0014999*
Status: *INACTIVE*
Expiration Date: *8/31/2004 12:00:00AM*
Facility Phone:
Owner Name: *CHUY, MARCUS*
Owner Address:
Owner Address:
Owner Phone:

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 22 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME:	MOBIL R/S 12497	**REV:**	02/11/04
ADDRESS:	1600 E MAIN ST	**ID1:**	86008573
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - UST ONLY*
Permit Number:	*PT0002073*
Status:	*ACTIVE*
Expiration Date:	*10/31/2006 12:00:00AM*
Facility Phone:	*760 2551107*
Owner Name:	*MOBIL CORPORATION*
Owner Address:	*3655 TORRANCE BLVD 3655*
Owner Address:	*TORRANCE CA 90503*
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*GENERATOR - 0-10 EMPLOYEES*
Permit Number:	*PT0002074*
Status:	*INACTIVE*
Expiration Date:	*10/31/2005 12:00:00AM*
Facility Phone:	*760 2551107*
Owner Name:	*MOBIL CORPORATION*
Owner Address:	*3655 TORRANCE BLVD 3655*
Owner Address:	*TORRANCE CA 90503*
Owner Phone:	

Target Property: BARSTOW CA 92311 **JOB:** 206725003

UST

SEARCH ID: 56 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME:	FUELS MANAGEMENT INC	**REV:**	04/03/2002
ADDRESS:	1600 E MAIN ST	**ID1:**	SANBERDO86008573
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	MOBIL CORPORATION	**PHONE:**	2551107

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012294*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012295*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012296*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

UST

SEARCH ID: 56 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME:	FUELS MANAGEMENT INC	**REV:**	04/03/2002
ADDRESS:	1600 E MAIN ST	**ID1:**	SANBERDO86008573
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	MOBIL CORPORATION	**PHONE:**	2551107

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012297*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012298*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*EXXON MOBIL OIL CORPORATION*
Owner Phone Number:	
Owner Address:	*3655 TORRANCE BLVD 322 TORRANCE, CA 90503*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 57 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME:	GAIL S MOBIL	**REV:**	01/01/94
ADDRESS:	1600 MAIN	**ID1:**	TISID-STATE40287
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 81 **DIST/DIR:** 0.11 NW **MAP ID:** 25

NAME: MOBIL STATION 18-H5X
ADDRESS: 1600 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100938
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *99030*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Under Investigation*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Completed - Case Closed*
STATUS DATE: *2000-09-06 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-04-03*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Discovery*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1999-02-03*
ACTION (blank if not reported): ** Historical Enforcement*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 84 **DIST/DIR:** 0.11 NW **MAP ID:** 26

NAME: RIP GRIFFIN TRUCK SERVICE CNTR
ADDRESS: 2930 LENWOOD RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100753
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *90131*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Soil*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Completed - Case Closed*
STATUS DATE: *1991-09-11 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1991-08-26*
ACTION (blank if not reported): ** Historical Enforcement*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 47 **DIST/DIR:** 0.11 NW **MAP ID:** 26

NAME:	TRAVEL CENTER OF AMERICA	**REV:**	04/16/08
ADDRESS:	2930 LENWOOD RD	**ID1:**	CAL000289914
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*12/31/2004 2:03:15 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*2930 LENWOOD RD, BARSTOW, CA 92311-0000*
Owner Name:	*TRAVEL CENTER OF AMERICA*
Owner Address:	*24601 CENTER RIDGE RD, WESTLAKE, OH 44145-0000*
Contact Name:	*TRACY TEMPLETON*
Contact Address:	*2930 LENWOOD RD, BARSTOW, CA 92311-0000*
Contact Phone:	*7602532922*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 45 **DIST/DIR:** 0.11 NW **MAP ID:** 26

NAME:	R GRIFFEN TRUCK SERV CNTR	**REV:**	02/11/04
ADDRESS:	2930 LENWOOD RD	**ID1:**	87013739
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL GENERATOR(B)*
Permit Number:	*PT0003349*
Status:	*ACTIVE*
Expiration Date:	*8/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*R GRIFFEN TRUCK SERV CNTR*
Owner Address:	*P O BOX 10128*
Owner Address:	*LUBBOCK TX 79408*
Owner Phone:	*0000000*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL HANDLER*
Permit Number:	*PT0003350*
Status:	*ACTIVE*
Expiration Date:	*8/31/2007 12:00:00AM*
Facility Phone:	*0000000*
Owner Name:	*R GRIFFEN TRUCK SERV CNTR*
Owner Address:	*P O BOX 10128*
Owner Address:	*LUBBOCK TX 79408*
Owner Phone:	*0000000*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 48 **DIST/DIR:** 0.12 SE **MAP ID:** 27

NAME:	BARSTOW HARVEY HOUSE SHELL, INC.	**REV:**	02/11/04
ADDRESS:	2870 LENWOOD RD	**ID1:**	86008558
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - UST ONLY*
Permit Number:	*PT0002068*
Status:	*ACTIVE*
Expiration Date:	*3/31/2007 12:00:00AM*
Facility Phone:	*619 2535615*
Owner Name:	*JONES, GARA (PRES)*
Owner Address:	*1683 HACIENDA DR*
Owner Address:	*EL CAJON CA 92020*
Owner Phone:	*619 5625377*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 70 **DIST/DIR:** 0.12 SE **MAP ID:** 27

NAME:	BARSTOW HARVEY HSE SHELL	**REV:**	04/03/2002
ADDRESS:	2870 LENWOOD RD	**ID1:**	SANBERDO86008558
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	JONES, GARA (PRES)	**PHONE:**	2535615

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012279*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*JONES, GARA (PRES)*
Owner Phone Number:	*5625377*
Owner Address:	*1683 HACIENDA DR EL CAJON, CA 92020*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012280*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*JONES, GARA (PRES)*
Owner Phone Number:	*5625377*
Owner Address:	*1683 HACIENDA DR EL CAJON, CA 92020*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*3*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012281*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*JONES, GARA (PRES)*
Owner Phone Number:	*5625377*
Owner Address:	*1683 HACIENDA DR EL CAJON, CA 92020*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 74 **DIST/DIR:** 0.12 SE **MAP ID:** 27

NAME:	HARVEY HOUSE SHELL	**REV:**	01/01/94
ADDRESS:	I15 and LENWOOD RD	**ID1:**	TISID-STATE39094
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

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Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 58 **DIST/DIR:** 0.13 SE **MAP ID:** 28

NAME:	H and B SHEET METAL INC	**REV:**	01/01/94
ADDRESS:	111 CAL	**ID1:**	TISID-STATE39091
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

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Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 25 **DIST/DIR:** 0.14 NE **MAP ID:** 29

NAME:	FOOD 4 LESS 312	**REV:**	04/16/08
ADDRESS:	580 E VIRGINIA WAY	**ID1:**	CAL000320495
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*6/7/2007 1:39:21 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*1100 W ARTESIA BLVD, COMPTON, CA 90220*
Owner Name:	*FOOD 4 LESS*
Owner Address:	*1100 W ARTESIA BLVD, COMPTON, CA 90220*
Contact Name:	*GAYEANN DENHAM*
Contact Address:	*1100 W ARTESIA BLVD, COMPTON, CA 90220*
Contact Phone:	*3109003284*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 13 **DIST/DIR:** 0.15 NW **MAP ID:** 30

NAME:	BRUBAKER-MANN INC	**REV:**	04/16/08
ADDRESS:	36011 SOAPMINE RD	**ID1:**	CAL000248940
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*3/28/2002 1:46:59 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*PO BOX 489, BARSTOW, CA 92312-0000*
Owner Name:	*william mann*
Owner Address:	*36011 SOAPMINE RD, BARSTOW, CA 92311*
Contact Name:	*julie mann*
Contact Address:	*PO BOX 489, BARSTOW, CA 92312-0000*
Contact Phone:	*7602562520*

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:
1999 Total Tonnage:
1998 Waste Type:
1998 Total Tonnage:
1997 Waste Type:
1997 Total Tonnage:
1996 Waste Type:
1996 Total Tonnage:
1995 Waste Type:
1995 Total Tonnage:
1994 Waste Type:
1994 Total Tonnage:
1993 Waste Type:
1993 Total Tonnage:

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2008:

2008 Waste Type:
2008 Total Tonnage:
2007 Waste Type:
2007 Total Tonnage:
2006 Waste Type:
2006 Total Tonnage:
2005 Waste Type:
2005 Total Tonnage:
2004 Waste Type:
2004 Total Tonnage:
2003 Waste Type:
2003 Total Tonnage:
2002 Waste Type:
2002 Total Tonnage:
2001 Waste Type:
2001 Total Tonnage:
2000 Waste Type:
2000 Total Tonnage:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 8 **DIST/DIR:** 0.15 SW **MAP ID:** 31

NAME:	HELMER CONSTRUCTION	**REV:**	2/8/1990
ADDRESS:	1060 MADRONA	**ID1:**	465220
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	FIXED FACILITY
CONTACT:		**PHONE:**	

DETAILS NOT AVAILABLE

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 7 **DIST/DIR:** 0.15 SW **MAP ID:** 31

NAME: HELMER CONSTRUCTION
ADDRESS: 1060 MADRONA
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 2/8/90 0:0
ID1: 159763
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION

DATE OF SPILL: 2/8/1990 **TIME OF SPILL:** 1200

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 20
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: SOIL

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: NONE
RELEASE DETECTION: BARRELS OF DIESEL IS LEAKING AT THE LOCATION
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 159763 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: HELMER CONSTRUCTION
ADDRESS: 1060 MADRONA
BARSTOW CA

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 26 **DIST/DIR:** 0.15 NE **MAP ID:** 32

NAME:	FOOD 4 LESS 312	**REV:**	02/11/04
ADDRESS:	580 VIRGINIA WAY	**ID1:**	95032535
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0007335*
Status:	*ACTIVE*
Expiration Date:	*10/31/2006 12:00:00AM*
Facility Phone:	*619 2552233*
Owner Name:	*FOOD 4 LESS OF CALIF, INC*
Owner Address:	*777 S HARBOR BLVD*
Owner Address:	*LA HABRA CA 90631*
Owner Phone:	*714 7382000*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 64 **DIST/DIR:** 0.15 NW **MAP ID:** 33

NAME:	ARCO AM/PM MINI MART	**REV:**	04/03/2002
ADDRESS:	2594 COMMERCE PKWY	**ID1:**	SANBERDO93029296
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	
CONTACT:	PLIES COMPANIES	**PHONE:**	2534193

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*4*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010290*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2002*
Owner Name:	*PLIES COMPANIES*
Owner Phone Number:	
Owner Address:	*22706 ASPAN ST 701 LAKE FOREST, CA 926309097*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*4*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010291*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2002*
Owner Name:	*PLIES COMPANIES*
Owner Phone Number:	
Owner Address:	*22706 ASPAN ST 701 LAKE FOREST, CA 926309097*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*4*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010292*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PLIES COMPANIES*
Owner Phone Number:	
Owner Address:	*22706 ASPAN ST 701 LAKE FOREST, CA 926309097*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 64 **DIST/DIR:** 0.15 NW **MAP ID:** 33

NAME:	ARCO AM/PM MINI MART	**REV:**	04/03/2002
ADDRESS:	2594 COMMERCE PKWY	**ID1:**	SANBERDO93029296
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	
CONTACT:	PLIES COMPANIES	**PHONE:**	2534193

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*4*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0010293*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*PLIES COMPANIES*
Owner Phone Number:	
Owner Address:	*22706 ASPAN ST 701 LAKE FOREST, CA 926309097*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 83 **DIST/DIR:** 0.16 NE **MAP ID:** 34

NAME: BARSTOW CITY CORPORATE YARD
ADDRESS: 900 H ST S
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100708
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *90148*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Soil*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Completed - Case Closed*
STATUS DATE: *1995-06-13 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Discovery*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1992-07-29*
ACTION (blank if not reported): ** Historical Enforcement*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Stopped*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 15 **DIST/DIR:** 0.16 SE **MAP ID:** 35

NAME: BandD AUTOMOTIVE
ADDRESS: 1800 E MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000240265
ID2:
STATUS: ACTIVE
PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created: *1/23/2002*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *1800 E MAIN ST, BARSTOW, CA 92311-0000*
Owner Name: *MICHAEL BALLESTRACCI*
Owner Address: *1800 E MAIN ST, BARSTOW, CA 92311-0000*
Contact Name: *MICHAEL BALLESTRACCI - OWNER*
Contact Address: *1800 E MAIN ST, BARSTOW, CA 92311-0000*
Contact Phone: *7602566408*

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:
1999 Total Tonnage:
1998 Waste Type:
1998 Total Tonnage:
1997 Waste Type:
1997 Total Tonnage:
1996 Waste Type:
1996 Total Tonnage:
1995 Waste Type:
1995 Total Tonnage:
1994 Waste Type:
1994 Total Tonnage:
1993 Waste Type:
1993 Total Tonnage:

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2008:

2008 Waste Type:
2008 Total Tonnage:
2007 Waste Type:
2007 Total Tonnage:
2006 Waste Type:
2006 Total Tonnage:
2005 Waste Type:
2005 Total Tonnage:
2004 Waste Type:
2004 Total Tonnage:
2003 Waste Type:
2003 Total Tonnage:
2002 Waste Type:
2002 Total Tonnage:
2001 Waste Type:
2001 Total Tonnage:
2000 Waste Type:
2000 Total Tonnage:

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 42 **DIST/DIR:** 0.16 SE **MAP ID:** 36

NAME:	FLYING J TRAVEL PLAZA	**REV:**	04/16/08
ADDRESS:	2611 FISHER BLVD	**ID1:**	CAL000286805
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*9/27/2004 2:48:33 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*333 WEST CENTER ST, NORTH SALT LAKE, UT 84054-0180*
Owner Name:	*CFJ PROPERTIES*
Owner Address:	*333 W CENTER STREET, NORTH SALT LAKE, UT 84054-0000*
Contact Name:	*S CARTER/ENVT L COORDINATOR*
Contact Address:	*333 W CENTER STREET, NORTH SALT LAKE, UT 84054-0000*
Contact Phone:	*8012967700*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Other organic solids*
Total Tonnage per Year:	*0.55*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Oil/water separation sludge*
Total Tonnage per Year:	*0.4587*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Unspecified oil-containing waste*
Total Tonnage per Year:	*0.1*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 41 **DIST/DIR:** 0.16 SE **MAP ID:** 36

NAME: FLYING J
ADDRESS: 2611 FISHER
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 00047969
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS MATERIAL HANDLER*
Permit Number: *0001182503*
Facility Phone:
Owner Name: *PDG INC*
Owner Address: *50 WEST 990 SOUTH*
Owner Address: *BIRGHAM CITY VT 84302*
Owner Phone: *801 7346507*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *0001182504*
Facility Phone:
Owner Name: *PDG INC*
Owner Address: *50 WEST 990 SOUTH*
Owner Address: *BIRGHAM CITY VT 84302*
Owner Phone: *801 7346507*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 21 **DIST/DIR:** 0.16 SE **MAP ID:** 37

NAME: H and B MECHANICAL INC
ADDRESS: 111 CAL AVE
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 95037599
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0007998*
Status:	*ACTIVE*
Expiration Date:	*5/31/2007 12:00:00AM*
Facility Phone:	*760 2568401*
Owner Name:	*KURTISS/BOSCOandMERCER LAW*
Owner Address:	*111 CAL AVE*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*760 2568401*

PERMITS

SEARCH ID: 23 **DIST/DIR:** 0.16 SE **MAP ID:** 38

NAME: MV TRANSPORTATION INC
ADDRESS: 1612 STATE ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000275415
ID2:
STATUS: ACTIVE
PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI) SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*10/15/2003 2:32:51 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*360 CAMPUS LN STE 201, FAIRFIELD, CA 94534*
Owner Name:	*MV TRANSPORTATION INC*
Owner Address:	*360 CAMPUS LN STE 201, FAIRFIELD, CA 94534*
Contact Name:	*ANGEL PLANCHON*
Contact Address:	*360 CAMPUS LN STE 201, FAIRFIELD, CA 94534*
Contact Phone:	*7078638721*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type:	*Waste oil and mixed oil*
Total Tonnage per Year:	*0.6255*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

SWL

SEARCH ID: 11 **DIST/DIR:** 0.17 SW **MAP ID:** 39

NAME: MADRONA ILLEGAL LF
ADDRESS: 1040 MADRONA ST
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 02/01/99
ID1: SWIS36-CR-0054
ID2:
STATUS: CLEAN CLOSED
PHONE:

Activity: *Solid Waste Disposal Site*
Accepted Waste:
Operational Status: *Clean Closed*
Regulatory Status *Unpermitted*
Closure Date: *10/18/1995*
Closure Type: *Estimated*
Permitted Throughput with Units: *0*
Permitted Capacity with Units: *0*
Remaining Capacity with Units (landfills only): *0*
Permitted Total Acreage: *0*
Permitted Disposal Acreage: *0*
Last Tire Inspection Count: *0*
Last Tire Inspection Count Date:
Original Tire Inspection Count: *0*
Last Tire Inspection Count Date:
Inspection Frequency: *None*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 44 **DIST/DIR:** 0.17 NW **MAP ID:** 40

NAME:	LENWOOD SERVICE STATION LP	**REV:**	04/16/08
ADDRESS:	2800 LENWOOD RD	**ID1:**	CAL000329056
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*1/24/2008 1:32:18 PM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*PO BOX 1958, CORONA, CA 92878-1958*
Owner Name:	*LENWOOD SERVICE STATION LP*
Owner Address:	*224 S JOY ST, CORONA, CA 92879-1547*
Contact Name:	*DOUG LINDSEY*
Contact Address:	*224 S JOY ST, CORONA, CA 92879-1547*
Contact Phone:	*9515385925*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

UST

SEARCH ID: 66 **DIST/DIR:** 0.18 SE **MAP ID:** 41

NAME: FLYING J
ADDRESS: 2611 FISHER
BARSTOW CA 92311
SAN BERNARDINO
CONTACT: PDG INC

REV: 04/03/2002
ID1: SANBERDO00047969
ID2:
STATUS:
PHONE:

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012647*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012648*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012649*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 66 **DIST/DIR:** 0.18 SE **MAP ID:** 41

NAME:	FLYING J	**REV:**	04/03/2002
ADDRESS:	2611 FISHER	**ID1:**	SANBERDO00047969
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	PDG INC	**PHONE:**	

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012650*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*5*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012651*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*2/28/2004*
Owner Name:	*FLYING J. INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 67 **DIST/DIR:** 0.18 SE **MAP ID:** 41

NAME:	FLYING J	**REV:**	07/04/2001
ADDRESS:	2611 FISHER	**ID1:**	SANBERDO47969
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	NUMBER OF TANKS 5
CONTACT:	PDG INC	**PHONE:**	

SAN BERNARDINO COUNTY TANKS LIST INFORMATION

According to the San Bernardino County Fire Dept. the following information is current as of 07/04/01

Number of Tanks:	*5*
Permit Category:	
Owner Name:	*PDG INC*
Owner Phone Number:	*7346507*
Owner Address:	*50 WEST 990 SOUTH BIRGHAM CITY, VT 843023121*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 20 **DIST/DIR:** 0.18 SE **MAP ID:** 42

NAME:	H and B MECHANICAL INC	**REV:**	04/16/08
ADDRESS:	111 CAL AVENUE	**ID1:**	CAL000152995
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI) SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*2/17/1998*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*111 CAL AVENUE, BARSTOW, CA 92311-0000*
Owner Name:	*KURTISS BOSCO*
Owner Address:	*111 CAL AVENUE, BARSTOW, CA 92311-0000*
Contact Name:	*HEATHER SAENZ/OFFICE MANAGER*
Contact Address:	*111 CAL AVENUE, BARSTOW, CA 92311-0000*
Contact Phone:	*7602568401*

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:	
1999 Total Tonnage:	
1998 Waste Type:	
1998 Total Tonnage:	
1997 Waste Type:	
1997 Total Tonnage:	
1996 Waste Type:	
1996 Total Tonnage:	
1995 Waste Type:	
1995 Total Tonnage:	
1994 Waste Type:	
1994 Total Tonnage:	
1993 Waste Type:	
1993 Total Tonnage:	

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2008:

2008 Waste Type:	
2008 Total Tonnage:	
2007 Waste Type:	
2007 Total Tonnage:	
2006 Waste Type:	
2006 Total Tonnage:	
2005 Waste Type:	*Asbestos containing waste*
2005 Total Tonnage:	*0.84*
2004 Waste Type:	
2004 Total Tonnage:	
2003 Waste Type:	
2003 Total Tonnage:	
2002 Waste Type:	
2002 Total Tonnage:	
2001 Waste Type:	*Asbestos containing waste*
2001 Total Tonnage:	*1.09*
2000 Waste Type:	
2000 Total Tonnage:	

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 76 **DIST/DIR:** 0.19 SE **MAP ID:** 43

NAME: BARSTOW STATION UNOCAL
ADDRESS: 1501 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100741
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *87080*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Soil*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Completed - Case Closed*
STATUS DATE: *1990-04-13 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Discovery*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 14 **DIST/DIR:** 0.19 SE **MAP ID:** 44

NAME:	B and D AUTOMOTIVE	**REV:**	02/11/04
ADDRESS:	1800 E MAIN ST B	**ID1:**	01049361
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL HANDLER*
Permit Number:	*PT0000750*
Status:	*ACTIVE*
Expiration Date:	*4/30/2007 12:00:00AM*
Facility Phone:	*760 8566408*
Owner Name:	*MIKE BAILESTRACCI*
Owner Address:	*1800 E MAIN ST 1800*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*760 6566408*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL GENERATOR(B)*
Permit Number:	*PT0000751*
Status:	*ACTIVE*
Expiration Date:	*4/30/2007 12:00:00AM*
Facility Phone:	*760 8566408*
Owner Name:	*MIKE BAILESTRACCI*
Owner Address:	*1800 E MAIN ST 1800*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*760 6566408*

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 24 **DIST/DIR:** 0.19 SE **MAP ID:** 44

NAME: RPM
ADDRESS: 1800 E MAIN
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 99047803
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS WASTE GENERATOR. SPECIAL GENERATOR-ALL WASTES RECYCLED.*
Permit Number: *9911101884*
Facility Phone: *760 2552206*
Owner Name: *RPM*
Owner Address: *1800 E MAIN*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *760 2552206*

Permit Category: *HAZARDOUS MATERIAL HANDLER. SPECIAL HANDLER*
Permit Number: *9911101885*
Facility Phone: *760 2552206*
Owner Name: *RPM*
Owner Address: *1800 E MAIN*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *760 2552206*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *9911101886*
Facility Phone: *760 2552206*
Owner Name: *RPM*
Owner Address: *1800 E MAIN*
Owner Address: *BARSTOW CA 92311*
Owner Phone: *760 2552206*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 40 **DIST/DIR:** 0.22 NW **MAP ID:** 45

NAME: LENWOOD AMERICAN GAS
ADDRESS: 2596 COMMERCE PKWY
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 09/26/06
ID1: FA0001048
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - UST ONLY*
Permit Number:	*PT0006567*
Status:	*INACTIVE*
Expiration Date:	*7/31/2003 12:00:00AM*
Facility Phone:	
Owner Name:	*PLIES, DANIEL L.*
Owner Address:	
Owner Address:	
Owner Phone:	

PERMITS

SEARCH ID: 17 **DIST/DIR:** 0.24 NW **MAP ID:** 46

NAME: CIRCLE K SS 5731
ADDRESS: 1501 E MAIN ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 86008571
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0002072*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*619 2566811*
Owner Name:	*CIRCLE K STORES INC*
Owner Address:	*P O BOX 52085*
Owner Address:	*PHOENIX AZ 85072*
Owner Phone:	

Target Property: BARSTOW CA 92311 **JOB:** 206725003

UST

SEARCH ID: 52 **DIST/DIR:** 0.24 NW **MAP ID:** 46

NAME:	CIRCLE K SS 5731	**REV:**	04/03/2002
ADDRESS:	1501 E MAIN ST	**ID1:**	SANBERDO86008571
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	
CONTACT:	CIRCLE K STORES INC	**PHONE:**	2566811

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012292*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CIRCLE K STORES, INC.*
Owner Phone Number:	
Owner Address:	*P O BOX 52085 PHOENIX, AZ 85072*

SAN BERNARDINO COUNTY TANKS LIST INFORMATION
According to the San Bernardino County Fire Dept. the following information is current as of 02/11/04

Number of Tanks:	*2*
Permit Category:	*UST OWNERSHIP/OPERATING PERMIT (PER UST)*
Permit Number:	*PT0012293*
Description:	*UST Ownership/Operating Permit (per UST)*
Status:	*ACTIVE*
Expiration Date:	*7/31/2004*
Owner Name:	*CIRCLE K STORES, INC.*
Owner Phone Number:	
Owner Address:	*P O BOX 52085 PHOENIX, AZ 85072*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 18 **DIST/DIR:** 0.24 NW **MAP ID:** 46

NAME: CIRCLE K STORES INC 2705731
ADDRESS: 1501 E MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000278576
ID2:
STATUS: ACTIVE
PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created: *1/23/2004 1:46:47 PM*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *495 E RINCON STE 150, CORONA, CA 92879*
Owner Name: *CIRCLE K STORES INC*
Owner Address: *495 E RINCON STE 150, CORONA, CA 92879*
Contact Name: *RICH GOSSETT*
Contact Address: *495 E RINCON STE 150, CORONA, CA 92879*
Contact Phone: *9092705193*

PERMITS

SEARCH ID: 16 **DIST/DIR:** 0.24 NW **MAP ID:** 46

NAME: CIRCLE K 76 5731
ADDRESS: 1501 E MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 09/26/06
ID1: FA0002190
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *LIMITED QUANTITY GENERATOR(B)*
Permit Number: *PT0014303*
Status: *ACTIVE*
Expiration Date: *7/31/2007 12:00:00AM*
Facility Phone:
Owner Name: *CIRCLE K STORES, INC.*
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 77 **DIST/DIR:** 0.24 NW **MAP ID:** 47

NAME: DESERT VAN AND STORAGE
ADDRESS: 170 EASTGATE RD E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100748
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *92003*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline*
POTENTIAL MEDIA AFFECTED: *Soil*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Completed - Case Closed*
STATUS DATE: *1993-02-24 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1992-03-05*
ACTION (blank if not reported): ** Historical Enforcement*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Discovery*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 53 **DIST/DIR:** 0.24 NW **MAP ID:** 47

NAME:	DESERT VAN and STORAGE, INC.	**REV:**	01/01/94
ADDRESS:	170 EASTGATE	**ID1:**	TISID-STATE39616
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 28 **DIST/DIR:** 0.25 NE **MAP ID:** 48

NAME:	SAN BERNARDINO COUNTY DEHS	**REV:**	04/16/08
ADDRESS:	861 BARSTOW ROAD	**ID1:**	CAH111000042
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*5/16/1990*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*385 N ARROWHEAD AVENUE, SAN BERNARDINO, CA 92415-0000*
Owner Name:	*SAN BERNARDINO COUNTY*
Owner Address:	*, ,*
Contact Name:	
Contact Address:	*, ,*
Contact Phone:	

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:	*Household waste*
1999 Total Tonnage:	*16.2388*
1998 Waste Type:	*Household waste*
1998 Total Tonnage:	*10.1031*
1997 Waste Type:	*Household waste*
1997 Total Tonnage:	*10.0592*
1996 Waste Type:	*Household waste*
1996 Total Tonnage:	*0.6243*
1995 Waste Type:	
1995 Total Tonnage:	
1994 Waste Type:	
1994 Total Tonnage:	
1993 Waste Type:	
1993 Total Tonnage:	

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2008:

2008 Waste Type:	
2008 Total Tonnage:	
2007 Waste Type:	
2007 Total Tonnage:	
2006 Waste Type:	
2006 Total Tonnage:	
2005 Waste Type:	
2005 Total Tonnage:	
2004 Waste Type:	
2004 Total Tonnage:	
2003 Waste Type:	
2003 Total Tonnage:	
2002 Waste Type:	
2002 Total Tonnage:	
2001 Waste Type:	*Household waste*
2001 Total Tonnage:	*0.29*
2000 Waste Type:	*Household waste*
2000 Total Tonnage:	*9.39*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

LUST

SEARCH ID: 80 **DIST/DIR:** 0.25 NW **MAP ID:** 49

NAME: EXXON 7-3871
ADDRESS: 1500 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100836
ID2:
STATUS: OPEN - VERIFICATION MONITORING
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *93005*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Gasoline, Fuel Oxygenates*
POTENTIAL MEDIA AFFECTED: *Aquifer used for drinking water supply*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Open - Verification Monitoring*
STATUS DATE: *2005-07-30 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-06*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2006-03-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-09-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *2002-04-03*
ACTION (blank if not reported): *Staff Letter*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-11-03*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

- Continued on next page -

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 80 **DIST/DIR:** 0.25 NW **MAP ID:** 49

NAME: EXXON 7-3871
ADDRESS: 1500 MAIN ST E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100836
ID2:
STATUS: OPEN - VERIFICATION MONITORING
PHONE:

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-03-24*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2003-05-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1993-03-04*
ACTION (blank if not reported): ** Historical Enforcement*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-06-01*
ACTION (blank if not reported): *Additional Information Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2002-12-26*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-08-30*
ACTION (blank if not reported): *Interim Remedial Action Report*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-12-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

ACTION TYPE (blank if not reported): *RESPONSE*
DATE (blank if not reported): *2005-06-30*
ACTION (blank if not reported): *Monitoring Report - Quarterly*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 12 **DIST/DIR:** 0.25 NW **MAP ID:** 50

NAME:	SMITH S FEED and FARM SUPPL	**REV:**	02/11/04
ADDRESS:	30878 HWY 58	**ID1:**	90022989
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)*
Permit Number:	*PT0005301*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*760 2560814*
Owner Name:	*SMITH, WILMA*
Owner Address:	*30878 HWY 58*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*760 2560814*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 93 **DIST/DIR:** NON GC **MAP ID:**

NAME: BENDIX FIELD ENG CORP
ADDRESS: GULF STONE DEEP SPACE COMMUNICATION COMPLEX
FORT IRWIN CA 92311
SAN BERNARDINO
CONTACT:

REV: 4/20/93
ID1: 321669
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION

DATE OF SPILL: 4/20/1993 **TIME OF SPILL:** 0300

PRODUCT RELEASED (1): ETHYLENE GLYCOL
QUANTITY (1): 5
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: SORBENTS USED TO RECOVER THE MATERIAL
RELEASE DETECTION: RADIATOR ON DEEP SPACE TRACKING ANTENNA/ LEAKING HOSE
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 321669 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: BENDIX FIELD ENG CORP
ADDRESS: 850 EAST MAIN STREET
BARSTOW CA 92311

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 123 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: FORT IRWIN RD, 1 MILE NORTH OF OLD IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 10/25/1994
ID1: 407031
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 10/25/1994 **TIME OF SPILL:** 2200

PRODUCT RELEASED (1): NITROGEN, LIQUEFIED
QUANTITY (1): 64000

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANS**

ERNS

SEARCH ID: 122 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: S. DEWINDER RD OFF:I-15 S OF BARSTOW
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 01-04-01
ID1: 13223
ID2:
STATUS: UNKNOWN
PHONE:

THERE ARE NO DETAILS AVAILABLE FOR THIS SITE

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 144 **DIST/DIR:** NON GC **MAP ID:**

NAME: CLEVELAND TECHNICAL CNTER
ADDRESS: H and MAIN ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 06/03/03
ID1: 92028928
ID2:
STATUS: INACTIVE
PHONE:

Permit Category: *Special Handler*
Permit Number: *PT0006445*
Status: *INACTIVE*
Expiration Date: *11/30/2001*
Facility Phone: *760 2557877*
Owner Name: *CLEVELAND TECHNICAL CNTER*
Owner Address: *935 SUNSHINE RD*
Owner Address: *KANSAS CITY KS 66115*
Owner Phone: *800 3328055*

Permit Category: *Special Generator(B)*
Permit Number: *PT0006446*
Status: *INACTIVE*
Expiration Date: *11/30/2001*
Facility Phone: *760 2557877*
Owner Name: *CLEVELAND TECHNICAL CNTER*
Owner Address: *935 SUNSHINE RD*
Owner Address: *KANSAS CITY KS 66115*
Owner Phone: *800 3328055*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 129 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: EASTBOUND I-40 AT HIDDEN SPRINGS ROAD
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 12/20/1995
ID1: 486967
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 12/20/1995 **TIME OF SPILL:** 0344

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 100
UNITS (1):
CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANS**

PERMITS

SEARCH ID: 161 **DIST/DIR:** NON GC **MAP ID:**

NAME: WILD WASH GRAVEL MINE and ROAD PIT
ADDRESS: I-15 and WILD WASH ROAD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 98046150
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 11-25 EMPLOYEES (W/GEN PRMT)*
Permit Number:	*PT0009339*
Status:	*ACTIVE*
Expiration Date:	*8/31/2007 12:00:00AM*
Facility Phone:	
Owner Name:	*E L YEAGER*
Owner Address:	*1995 AGUA MANSA RD*
Owner Address:	*RIVERSIDE CA 92509*
Owner Phone:	*800 2225360*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 160 **DIST/DIR:** NON GC **MAP ID:**

NAME: VERIZON-LANE MOUNTAIN
ADDRESS: 10 MI N/O FORT IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: PT0006912
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UNSTAFFED REMOTE FACILITY*
Permit Number: *PT0006912*
Status: *ACTIVE*
Expiration Date: *10/31/2006 12:00:00AM*
Facility Phone:
Owner Name: *VERIZON CALIFORNIA*
Owner Address:
Owner Address:
Owner Phone:

PERMITS

SEARCH ID: 159 **DIST/DIR:** NON GC **MAP ID:**

NAME: VERIZON-BARSTOW B/HILL
ADDRESS: FORT IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: 93030676
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0006906*
Status: *ACTIVE*
Expiration Date: *10/31/2006 12:00:00AM*
Facility Phone: *619 2450414*
Owner Name: *VERIZON CALIFORNIA INC*
Owner Address: *P O BOX 725*
Owner Address: *CHINO CA 91708*
Owner Phone: *800 3318891*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 153 **DIST/DIR:** NON GC **MAP ID:**

NAME: PROFLAME INC
ADDRESS: 72 RIVERSIDE DR
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 89017762
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS MATERIAL HANDLER. HANDLER WITHOUT A CORRESPONDING WASTE PERMIT. 0-10 EMPLOYEES.*
Permit Number: *8903090044*
Facility Phone: *0000000*
Owner Name: *PROFLAME INC*
Owner Address: *P.O. BOX 5069*
Owner Address: *NOVATO CA 94948*
Owner Phone: *415 8838717*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *9709092063*
Facility Phone: *0000000*
Owner Name: *PROFLAME INC*
Owner Address: *P.O. BOX 5069*
Owner Address: *NOVATO CA 94948*
Owner Phone: *415 8838717*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 152 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEXTEL COMM CA-6096/BARSTOW OUTLET
ADDRESS: 33320 I ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0009522
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0016395*
Status: *ACTIVE*
Expiration Date: *4/30/2007 12:00:00AM*
Facility Phone:
Owner Name: *NEXTEL COMMUNICATIONS, INC*
Owner Address:
Owner Address:
Owner Phone:

PERMITS

SEARCH ID: 151 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEW CINGULAR WIRELESS 13402
ADDRESS: 33320 I ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0009037
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UNSTAFFED REMOTE FACILITY*
Permit Number: *PT0015904*
Status: *ACTIVE*
Expiration Date: *8/31/2007 12:00:00AM*
Facility Phone:
Owner Name: *NEW CINGULAR WIRELESS PCS LLC*
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 150 **DIST/DIR:** NON GC **MAP ID:**

NAME: LAIDLAW TRANSIT
ADDRESS: 190 CAL AVE G
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0004351
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL HANDLER*
Permit Number: *PT0008700*
Status: *INACTIVE*
Expiration Date: *8/31/2003 12:00:00AM*
Facility Phone:
Owner Name: *LAIDLAW EDUCATION SERVICES*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL GENERATOR(B)*
Permit Number: *PT0008701*
Status: *INACTIVE*
Expiration Date: *8/31/2003 12:00:00AM*
Facility Phone:
Owner Name: *LAIDLAW EDUCATION SERVICES*
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 163 **DIST/DIR:** NON GC **MAP ID:**

NAME: WILDWASH SAND/GRAVEL MINE
ADDRESS: I-15 and WILDWASH RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 06/03/03
ID1: 97045806
ID2:
STATUS: ACTIVE
PHONE:

Permit Category: *Hazmat Handler 0-10 Employees*
Permit Number: *PT0009247*
Status: *ACTIVE*
Expiration Date: *7/31/1999*
Facility Phone: *909 6845360*
Owner Name: *E L YEAGER CONSTR*
Owner Address: *P O BOX 87*
Owner Address: *RIVERSIDE CA 92502*
Owner Phone:

Permit Category: *Special Generator(B)*
Permit Number: *PT0009248*
Status: *ACTIVE*
Expiration Date: *7/31/1999*
Facility Phone: *909 6845360*
Owner Name: *E L YEAGER CONSTR*
Owner Address: *P O BOX 87*
Owner Address: *RIVERSIDE CA 92502*
Owner Phone:

Permit Category: *CalARP Facility Permit*
Permit Number: *PT0009250*
Status: *ACTIVE*
Expiration Date: *7/31/1999*
Facility Phone: *909 6845360*
Owner Name: *E L YEAGER CONSTR*
Owner Address: *P O BOX 87*
Owner Address: *RIVERSIDE CA 92502*
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 145 **DIST/DIR:** NON GC **MAP ID:**

NAME:	CLEVELAND TECHNICAL CNTER	**REV:**	09/26/06
ADDRESS:	H and MAIN ST	**ID1:**	FA0002228
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL HANDLER*
Permit Number:	*PT0006445*
Status:	*INACTIVE*
Expiration Date:	*11/30/2001 12:00:00AM*
Facility Phone:	
Owner Name:	*CLEVELAND TECHNICAL CNTER*
Owner Address:	
Owner Address:	
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL GENERATOR(B)*
Permit Number:	*PT0006446*
Status:	*INACTIVE*
Expiration Date:	*11/30/2001 12:00:00AM*
Facility Phone:	
Owner Name:	*CLEVELAND TECHNICAL CNTER*
Owner Address:	
Owner Address:	
Owner Phone:	

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

SWL

SEARCH ID: 138 **DIST/DIR:** NON GC **MAP ID:**

NAME:	NEWBERRY COMPRESSOR STATION	**REV:**	07/03/00
ADDRESS:	3 MI SO OF I-40, FORT CADY RD	**ID1:**	WMUD6B362035001
	NEWBERRY SPRINGS CA 92365	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:	DUFFY EXON	**PHONE:**	

WMUDS FACILITY INFORMATION (blank = not reported)

Regional ID :
NPDES ID :
Region: *6V*
Edit Date:
Last Edit:

Waste Discharger Facility: *Yes*

Sub Chapter 15 Facility: *Yes*
Solid Waste Assessment Test Site: *No*
Toxic Pits Cleanup Act Facility: *No*
RCRA Facility: *No*
Department of Defense Facility: *No*
Municipal Solid Waste Facility: *No*

Total WMUS at Facility: *1*
Facility Open to the Public: *No*
Facility Type: *IND*
SIC 1 and SIC 2: *4951 /*

Primary Waste Type: *DESIGNATED: COOLING WATER: NONCONTACT*
Secondary Waste Type:
Tons Per Day:
Complexity: *CATEGORY C - Any facility not included in A or B. This would include 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 di*

LAND OWNER INFORMATION

Land Owner:
Department:
Contact and Phone: *,*
Land Owner Address: *, ,*

AGENCY INFORMATION

Agency Name: *SOUTHERN CALIF GAS CO*
Department:
Agency Contact and Phone: *, 7602573338*

WASTE MANAGEMENT UNIT INFORMATION (blank = not reported)

WMU ID : *6B362035001-01*
WMU Status:
WMU Size in Acres: *2*
Year WMU Will Reach Capacity:
Close Plan: *0*
Avg Depth to Groundwater: *12*
Primary Liner Present: *0*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 143 **DIST/DIR:** NON GC **MAP ID:**

NAME:	CI-BARSTOW WSTWTR RECLAMA	**REV:**	02/11/04
ADDRESS:	2200 E RIVERSIDE DR	**ID1:**	87013960
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*EPCRA FACILITY*
Permit Number:	*PT0003381*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*619 2563531*
Owner Name:	*CITY OF BARSTOW*
Owner Address:	*220 E MT VIEW AVE*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*619 2563531*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*RISK MANAGEMENT PLAN - LEVEL III*
Permit Number:	*PT0003385*
Status:	*INACTIVE*
Expiration Date:	*7/31/2005 12:00:00AM*
Facility Phone:	*619 2563531*
Owner Name:	*CITY OF BARSTOW*
Owner Address:	*220 E MT VIEW AVE*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*619 2563531*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*GENERATOR - 0-10 EMPLOYEES*
Permit Number:	*PT0003391*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*619 2563531*
Owner Name:	*CITY OF BARSTOW*
Owner Address:	*220 E MT VIEW AVE*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*619 2563531*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)*
Permit Number:	*PT0003392*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	*619 2563531*
Owner Name:	*CITY OF BARSTOW*
Owner Address:	*220 E MT VIEW AVE*
Owner Address:	*BARSTOW CA 92311*
Owner Phone:	*619 2563531*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*CALARP FACILITY PERMIT*
Permit Number:	*PT0003394*
Status:	*INACTIVE*
Expiration Date:	*7/31/2005 12:00:00AM*
Facility Phone:	*619 2563531*
Owner Name:	*CITY OF BARSTOW*
Owner Address:	*220 E MT VIEW AVE*

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 143 **DIST/DIR:** NON GC **MAP ID:**

NAME:	CI-BARSTOW WSTWTR RECLAMA	**REV:**	02/11/04
ADDRESS:	2200 E RIVERSIDE DR	**ID1:**	87013960
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

Owner Address: *BARSTOW CA 92311*
Owner Phone: *619 2563531*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 142 **DIST/DIR:** NON GC **MAP ID:**

NAME: BROADWING COMMUNICATIONS LLC
ADDRESS: 251 SAND STONE CT
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0007480
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *EPCRA FACILITY*
Permit Number: *PT0014941*
Status: *ACTIVE*
Expiration Date: *11/30/2007 12:00:00AM*
Facility Phone:
Owner Name: *BROADWING COMMUNICATIONS, LLC*
Owner Address:
Owner Address:
Owner Phone:

PERMITS

SEARCH ID: 141 **DIST/DIR:** NON GC **MAP ID:**

NAME: BROADWING COMMUNICATIONS
ADDRESS: 251 SAND STONE CT
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: PT0012748
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER - UNSTAFFED REMOTE FACILITY*
Permit Number: *PT0012748*
Status: *ACTIVE*
Expiration Date: *11/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *BROADWING COMMUNICATIONS*
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 140 **DIST/DIR:** NON GC **MAP ID:**

NAME: BLUE BEACON OF BARSTOW
ADDRESS: 2540 HIGH POINT PARKWAY
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000325784
ID2:
STATUS: ACTIVE
PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created: *10/16/2007 2:47:22 PM*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *500 GRAVES BLVD, PO BOX 856, SALINA, KS 67401-4306*
Owner Name: *BLUE BEACON USA LP 2*
Owner Address: *PO BOX 856, SALINA, KS 67402-0856*
Contact Name: *TINA L DORF*
Contact Address: *500 GRAVES BLVD, PO BOX 856, SALINA, KS 67401-4306*
Contact Phone: *7858252221*

PERMITS

SEARCH ID: 139 **DIST/DIR:** NON GC **MAP ID:**

NAME: BARSTOW WATER RECLAMATION FACILI
ADDRESS: 2200 RIVERSIDE DR
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 04/16/08
ID1: CAL000275273
ID2:
STATUS: ACTIVE
PHONE:

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created: *10/3/2003 8:21:48 AM*
Inactivity Date:
Facility Mail Name:
Facility Mailing Address: *PO BOX 1632, BARSTOW, CA 92312*
Owner Name: *CITY OF BARSTOW*
Owner Address: *PO BOX 1632, BARSTOW, CA 92312*
Contact Name: *DAN FRIOU/AREA MGR*
Contact Address: *2200 RIVERSIDE DR, BARSTOW, CA 92311*
Contact Phone: *7602551415*

HWMI WASTE TYPE AND TONNAGE INFORMATION:

Waste Type: *Unspecified oil-containing waste*
Total Tonnage per Year: *1.4595*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 133 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNK. (DUMPED)
ADDRESS: I-40, E. OF HECTOR
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 01-20-98
ID1: 62703
ID2:
STATUS: UNKNOWN
PHONE:

CERCLIS (Y/N):

MAT: CORROSION INHIBITOR **QUANT:** 0 UNKNOWN

LOCATION: I-40, E. OF HECTOR
CITY: **REPORTED:** 05/11/88

SOURCE: UNKNOWN **MEDIUM:** LAND
(8)-55 GAL.DRUMS FOUND/ ILLEGAL DUMPING/ 1-DRUM = LEAKING (8)-55 GAL.DRUMS FO
CAUSE: UNKNOWN
UND / ILLEGAL DUMPING / 1-DRUM = LEAKING

ACT: CODOH=C/U / REQUESTED CA-SUPERFUND MONIES
BY:

ERNS

SEARCH ID: 132 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNK
ADDRESS: I-40 NEAR HECTOR RD
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 01-04-01
ID1: 117328
ID2:
STATUS: UNKNOWN
PHONE:

DETAILS NOT AVAILABLE

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 131 **DIST/DIR:** NON GC **MAP ID:**

NAME: MANFREDI MOTOR TRANSIT CO
ADDRESS: I-40 WESTBOUND LANE 11MI EAST OF DAGGETT
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 10/28/99
ID1: 646966
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 10/28/1999 **TIME OF SPILL:** 0300

PRODUCT RELEASED (1): AROPOL (SATURATED POLYESTER)
QUANTITY (1): 1
UNITS (1): QRT

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: SOIL

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: LOCAL HAZMAT OFFICIALS ON SCENE/SPILL RESPONSE CONTRACTOR EN ROUTE TO FACILITATE CLEANUP AND SET TANK UPRIGHT
RELEASE DETECTION: TANK TRAILER ON TRUCK/DRIVER LEFT ROADWAY CAUSING TRUCK AND TRAILER TO TURN-OVER
MISC. NOTES: SIZE OF IMPACTED AREA:6IN DIAMETER

DISCHARGER INFORMATION

DISCHARGER ID: 646966 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: MANFREDI MOTOR TRANSIT CO
ADDRESS: 148141 SPERRY ROAD
NEW BERRY OH 44065

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

RCRAGN

SEARCH ID: 88 **DIST/DIR:** NON GC **MAP ID:**

NAME:	BARSTOW LANDFILL	**REV:**	7/14/09
ADDRESS:	5 M S OF BARSTOW ON BARSTOW RD BARSTOW CA 92311 SAN BERNARDINO	**ID1:**	CAD982495624
		ID2:	
		STATUS:	SGN
CONTACT:		**PHONE:**	

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
5 M S OF BARSTOW ON BARSTOW RD
BARSTOW CA 92311

PHONE: 7143870125

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 146 **DIST/DIR:** NON GC **MAP ID:**

NAME:	COFFMAN-WILDWASH SAND and GRAVEL MINE	**REV:**	09/26/06
ADDRESS:	I-15 EASTSIDE WILDWASH1/2 MILE NE OF WILDWASH	**ID1:**	FA0008532
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES (W/GEN PRMT)*
Permit Number:	*PT0014823*
Status:	*INACTIVE*
Expiration Date:	*5/31/2005 12:00:00AM*
Facility Phone:	
Owner Name:	*COFFMAN SPECIALTIES, INC.*
Owner Address:	
Owner Address:	
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*GENERATOR - 0-10 EMPLOYEES*
Permit Number:	*PT0014824*
Status:	*INACTIVE*
Expiration Date:	*5/31/2005 12:00:00AM*
Facility Phone:	
Owner Name:	*COFFMAN SPECIALTIES, INC.*
Owner Address:	
Owner Address:	
Owner Phone:	

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 166 **DIST/DIR:** NON GC **MAP ID:**

NAME: SO CAL GAS/NEWBERRY COMP
ADDRESS: 3 MI SO OF I-40
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 86010004
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS MATERIAL HANDLER. HANDLER FOR FACILITY WITH CORRESPONDING WASTE PERMT. 11-25 EMPLOYEES*
Permit Number: *8701261352*
Facility Phone: *619 2573338*
Owner Name: *SOUTHERN CALIF GAS CO*
Owner Address: *P O BOX 3249-TERM ANNEX*
Owner Address: *LOS ANGELES CA 90051*
Owner Phone: *0000000*

Permit Category: *HAZARDOUS WASTE GENERATOR. 11-25 EMPLOYEES*
Permit Number: *8808100010*
Facility Phone: *619 2573338*
Owner Name: *SOUTHERN CALIF GAS CO*
Owner Address: *P O BOX 3249-TERM ANNEX*
Owner Address: *LOS ANGELES CA 90051*
Owner Phone: *0000000*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *9709090298*
Facility Phone: *619 2573338*
Owner Name: *SOUTHERN CALIF GAS CO*
Owner Address: *P O BOX 3249-TERM ANNEX*
Owner Address: *LOS ANGELES CA 90051*
Owner Phone: *0000000*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 175 **DIST/DIR:** NON GC **MAP ID:**

NAME: BARSTOW WASTEWATER RECLAMATION
ADDRESS: 2200 RIVERSIDE RD E
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/28/09
ID1: T0607100772
ID2:
STATUS: COMPLETED - CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *SAN BERNARDINO COUNTY LOP*
REGIONAL BOARD CASE NUMBER:
LOCAL AGENCY: *SAN BERNARDINO COUNTY LOP*
LOCAL CASE NUMBER: *92048*
RESPONSIBLE PARTY:
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR:
WATER SYSTEM:

CASE TYPE: *LUST Cleanup Site*
POTENTIAL CONTAMINANTS OF CONCERN: *Waste Oil / Motor / Hydraulic / Lubricating*
POTENTIAL MEDIA AFFECTED: *Soil*
LEAK CAUSE:
LEAK SOURCE:
HOW LEAK WAS DISCOVERED:
DATE DISCOVERED (blank if not reported):
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported):
STATUS: *Completed - Case Closed*
STATUS DATE: *1994-03-10 00:00:00*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):
DATE OF ENFORCEMENT (blank if not reported):
SITE HISTORY (blank if not reported):

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Stopped*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Reported*

ACTION TYPE (blank if not reported): *Other*
DATE (blank if not reported): *1950-01-01*
ACTION (blank if not reported): *Leak Discovery*

ACTION TYPE (blank if not reported): *ENFORCEMENT*
DATE (blank if not reported): *1992-10-22*
ACTION (blank if not reported): ** Historical Enforcement*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

UST

SEARCH ID: 173 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILWAY - BARSTOW
ADDRESS: H and MAIN ST
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 05/30/01
ID1: AST1485
ID2:
STATUS: AST SWRCB REG.6V
PHONE:

Region: *6V*
Company Name: *BURLINGTON NORTHERN and SANTA FE RAILWAY CO.*
Company Name 2:

UST

SEARCH ID: 172 **DIST/DIR:** NON GC **MAP ID:**

NAME: FEDERAL AVIATION ADMIN
ADDRESS: BARSTOW RML
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 01/01/94
ID1: TISID-STATE40711
ID2:
STATUS: ACTIVE
PHONE:

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.
The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.
Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.
Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

UST

SEARCH ID: 171 **DIST/DIR:** NON GC **MAP ID:**

NAME:	BARSTOW	**REV:**	01/01/94
ADDRESS:	W. MAIN ST	**ID1:**	TISID-STATE358
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 165 **DIST/DIR:** NON GC **MAP ID:**

NAME: SCE-HELENDALE SUBSTATION
ADDRESS: NATIONAL TRAILS HWY
HELENDALE CA 92342
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 01049224
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS MATERIAL HANDLER. HANDLER WITHOUT A CORRESPONDING WASTE PERMIT. 0-10 EMPLOYEES.*
Permit Number: *0101187519*
Facility Phone: *760 2449105*
Owner Name: *SO CAL EDISON*
Owner Address: *2244 WALNUT GROVE 2244*
Owner Address: *ROSEMEAD CA 91770*
Owner Phone: *626 3021212*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *0101187520*
Facility Phone: *760 2449105*
Owner Name: *SO CAL EDISON*
Owner Address: *2244 WALNUT GROVE 2244*
Owner Address: *ROSEMEAD CA 91770*
Owner Phone: *626 3021212*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

UST

SEARCH ID: 174 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEWBERRY COMPRESSOR STATION
ADDRESS: 3 MI S OF I-40 ON FTCADY RD
NEWBERRY SPRNGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 05/30/01
ID1: AST547
ID2:
STATUS: AST SWRCB REG.7
PHONE:

Region: *7*
Company Name: *SOUTHERN CALIFORNIA GAS CO.*
Company Name 2: *ATTN: DUFFY EXON*

OTHER

SEARCH ID: 170 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: 434 S SECOND ST APT 1
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 03/01/09
ID1: NCLRCA304
ID2:
STATUS: NOT REPORTED
PHONE:

NATIONAL CLANDESTINE LABORATORY REGISTER INFORMATION FOR THE STATE OF CALIFORNIA:
Seizure Date: *1/1/2005*

OTHER

SEARCH ID: 169 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: 24966 CAMINO DEL SOL ST
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 03/01/09
ID1: NCLRCA264
ID2:
STATUS: NOT REPORTED
PHONE:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

OTHER

SEARCH ID: 169 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: 24966 CAMINO DEL SOL ST
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 03/01/09
ID1: NCLRCA264
ID2:
STATUS: NOT REPORTED
PHONE:

NATIONAL CLANDESTINE LABORATORY REGISTER INFORMATION FOR THE STATE OF CALIFORNIA:

Seizure Date: *6/7/2004*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 162 **DIST/DIR:** NON GC **MAP ID:**

NAME: WILD WASH GRAVEL MINE and ROAD PIT
ADDRESS: I-15 and WILD WASH ROAD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: FA0002822
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *CALARP FACILITY PERMIT*
Permit Number: *PT0009340*
Status: *INACTIVE*
Expiration Date: *7/31/1999 12:00:00AM*
Facility Phone:
Owner Name: *E L YEAGER*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL GENERATOR(B)*
Permit Number: *PT0013819*
Status: *ACTIVE*
Expiration Date: *8/31/2007 12:00:00AM*
Facility Phone:
Owner Name: *E L YEAGER*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *EPCRA FACILITY*
Permit Number: *PT0013820*
Status: *ACTIVE*
Expiration Date: *8/31/2007 12:00:00AM*
Facility Phone:
Owner Name: *E L YEAGER*
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 167 **DIST/DIR:** NON GC **MAP ID:**

NAME:	VERIZON-NEWBERRY	**REV:**	02/11/04
ADDRESS:	NATIONAL TRAILS and NEWBERR	**ID1:**	93030396
	NEWBERRY SPRINGS CA 92365	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER - UNSTAFFED REMOTE FACILITY*
Permit Number:	*PT0006824*
Status:	*ACTIVE*
Expiration Date:	*10/31/2006 12:00:00AM*
Facility Phone:	*619 2562111*
Owner Name:	*VERIZON CALIFORNIA INC*
Owner Address:	*P O BOX 725*
Owner Address:	*CHINO CA 91708*
Owner Phone:	*800 3318891*

Target Property: BARSTOW CA 92311 **JOB:** 206725003

SWL

SEARCH ID: 137 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN RD LAND TREATMENT
ADDRESS: H and MAIN ST PO BOX 879
BARSTOW CA 92311
SAN BERNARDINO
CONTACT: MICK HARDIN

REV: 07/03/00
ID1: WMUD6B360331002
ID2:
STATUS: ACTIVE
PHONE:

WMUDS FACILITY INFORMATION (blank = not reported)

Regional ID :
NPDES ID :
Region: *6V*
Edit Date:
Last Edit:

Waste Discharger Facility: *Yes*

Sub Chapter 15 Facility: *Yes*
Solid Waste Assessment Test Site: *Yes*
Toxic Pits Cleanup Act Facility: *No*
RCRA Facility: *No*
Department of Defense Facility: *No*
Municipal Solid Waste Facility: *No*

Total WMUS at Facility: *1*
Facility Open to the Public: *No*
Facility Type: *IND*
SIC 1 and SIC 2: *4953 /*

Primary Waste Type: *DESIGNATED: SOLID WASTES*
Secondary Waste Type:
Tons Per Day: *0*
Complexity: *CATEGORY B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilites without treatment systems that are complex, such as marina*

LAND OWNER INFORMATION

Land Owner: *AT and SANTA FE RAILROAD*
Department:
Contact and Phone: *,*
Land Owner Address: *ONE SANTA FE PLAZA-5200 SHIE, LOS ANGELES, CA 90440*

AGENCY INFORMATION

Agency Name: *BURLINGTON NORTHERN SANTA FE*
Department:
Agency Contact and Phone: *MICK HARDIN, 9093864081*

WASTE MANAGEMENT UNIT INFORMATION (blank = not reported)

WMU ID : *6B360331002-01*
WMU Status: *INACTIVE*
WMU Size in Acres: *20*
Year WMU Will Reach Capacity:
Close Plan: *0*
Avg Depth to Groundwater: *75*
Primary Liner Present: *0*

SOLID WASTE ASSESSMENT TEST PROGRAM INFORMATION (SWAT) (blank = not reported)

Site Name: *FORT IRWIN ROAD LAND TREATMENT SITE*

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

SWL

SEARCH ID: 137 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FORT IRWIN RD LAND TREATMENT	**REV:**	07/03/00
ADDRESS:	H and MAIN ST PO BOX 879	**ID1:**	WMUD6B360331002
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:	MICK HARDIN	**PHONE:**	

Site Rank:	*3*
Leak to Surface Water:	*U*
Leak to Ground:	*U*
Leak to Vandose Zone:	*U*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 164 **DIST/DIR:** NON GC **MAP ID:**

NAME:	E.L. YEAGER- I-15 PROJECT YARD	**REV:**	02/11/04
ADDRESS:	I-15 FWY AT DALE EVANS	**ID1:**	FA0007969
	APPLE VALLEY CA 92307	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*SPECIAL GENERATOR(B)*
Permit Number:	*PT0013963*
Status:	*INACTIVE*
Expiration Date:	*10/31/2004 12:00:00AM*
Facility Phone:	
Owner Name:	*E.L. YEAGER*
Owner Address:	
Owner Address:	
Owner Phone:	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0013964*
Status:	*INACTIVE*
Expiration Date:	*10/31/2005 12:00:00AM*
Facility Phone:	
Owner Name:	*E.L. YEAGER*
Owner Address:	
Owner Address:	
Owner Phone:	

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 158 **DIST/DIR:** NON GC **MAP ID:**

NAME:	VERIZON WIRELESS	**REV:**	02/11/04
ADDRESS:	33320 I ST	**ID1:**	94031708
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0007140*
Status:	*ACTIVE*
Expiration Date:	*7/31/2007 12:00:00AM*
Facility Phone:	
Owner Name:	*VERIZON WIRELESS*
Owner Address:	*P O BOX 19707*
Owner Address:	*IRVINE CA 92624*
Owner Phone:	*714 2227000*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 157 **DIST/DIR:** NON GC **MAP ID:**

NAME:	UNITED PARCEL SERVICE INC	**REV:**	04/16/08
ADDRESS:	3183 EAST MAIN STREET	**ID1:**	CAL000156493
	BARSTOW CA 92311	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*2/3/1995*
Inactivity Date:	
Facility Mail Name:	*ATTN: TAX DEPARTMENT*
Facility Mailing Address:	*25201 PASEO DE ALICIA SUITE 200, LAGUNA HILLS, CA 92653-1367*
Owner Name:	*UPS INC*
Owner Address:	*55 GLENLAKE PARKWAY NE, ATLANTA, GA 30328-0000*
Contact Name:	*BRENDA FOUNTAIN/TAX MANAGER*
Contact Address:	*25201 PASEO DE ALICIA SUITE 200, LAGUNA HILLS, CA 92653-0000*
Contact Phone:	*9494522083*

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 1993-1999:

1999 Waste Type:
1999 Total Tonnage:
1998 Waste Type:
1998 Total Tonnage:
1997 Waste Type:
1997 Total Tonnage:
1996 Waste Type:
1996 Total Tonnage:
1995 Waste Type:
1995 Total Tonnage:
1994 Waste Type:
1994 Total Tonnage:
1993 Waste Type:
1993 Total Tonnage:

HWMI WASTE TYPE AND TONNAGE INFORMATION BY YEAR 2000-2008:

2008 Waste Type:
2008 Total Tonnage:
2007 Waste Type:
2007 Total Tonnage:
2006 Waste Type:
2006 Total Tonnage:
2005 Waste Type:
2005 Total Tonnage:
2004 Waste Type:
2004 Total Tonnage:
2003 Waste Type:
2003 Total Tonnage:
2002 Waste Type:
2002 Total Tonnage:
2001 Waste Type:
2001 Total Tonnage:
2000 Waste Type:
2000 Total Tonnage:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 156 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNITED PACIFIC ENRGY/BSTW
ADDRESS: 850 E RIVERSIDE DR
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0005187
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0000134*
Status: *INACTIVE*
Expiration Date: *7/31/2002 12:00:00AM*
Facility Phone:
Owner Name: *PACIFIC ENERGY GROUP*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *CALARP FACILITY PERMIT*
Permit Number: *PT0000214*
Status: *INACTIVE*
Expiration Date: *7/31/2002 12:00:00AM*
Facility Phone:
Owner Name: *PACIFIC ENERGY GROUP*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *RISK MANAGEMENT PLAN - LEVEL II*
Permit Number: *PT0001033*
Status: *INACTIVE*
Expiration Date: *7/31/2002 12:00:00AM*
Facility Phone:
Owner Name: *PACIFIC ENERGY GROUP*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *EPCRA FACILITY*
Permit Number: *PT0001044*
Status: *INACTIVE*
Expiration Date: *7/31/2002 12:00:00AM*
Facility Phone:
Owner Name: *PACIFIC ENERGY GROUP*
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 155 **DIST/DIR:** NON GC **MAP ID:**

NAME:	UNITED PACIFIC ENRGY/BSTW	**REV:**	06/03/03
ADDRESS:	850 E RIVERSIDE DR	**ID1:**	00049060
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	INACTIVE
CONTACT:		**PHONE:**	

Permit Category:	*Hazmat Handler 0-10 Employees*
Permit Number:	*PT0000134*
Status:	*INACTIVE*
Expiration Date:	*7/31/2002*
Facility Phone:	*800 7265747*
Owner Name:	*PACIFIC ENERGY GROUP*
Owner Address:	*2995 SKYLINE BLVD 2995*
Owner Address:	*RENO NV 89509*
Owner Phone:	*800 7265747*

Permit Category:	*CalARP Facility Permit*
Permit Number:	*PT0000214*
Status:	*INACTIVE*
Expiration Date:	*7/31/2002*
Facility Phone:	*800 7265747*
Owner Name:	*PACIFIC ENERGY GROUP*
Owner Address:	*2995 SKYLINE BLVD 2995*
Owner Address:	*RENO NV 89509*
Owner Phone:	*800 7265747*

Permit Category:	*Risk Management Plan - Level II*
Permit Number:	*PT0001033*
Status:	*INACTIVE*
Expiration Date:	*7/31/2002*
Facility Phone:	*800 7265747*
Owner Name:	*PACIFIC ENERGY GROUP*
Owner Address:	*2995 SKYLINE BLVD 2995*
Owner Address:	*RENO NV 89509*
Owner Phone:	*800 7265747*

Permit Category:	*EPCRA Facility*
Permit Number:	*PT0001044*
Status:	*INACTIVE*
Expiration Date:	*7/31/2002*
Facility Phone:	*800 7265747*
Owner Name:	*PACIFIC ENERGY GROUP*
Owner Address:	*2995 SKYLINE BLVD 2995*
Owner Address:	*RENO NV 89509*
Owner Phone:	*800 7265747*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 154 **DIST/DIR:** NON GC **MAP ID:**

NAME:	SENTRY WELDING and EXHAUST	**REV:**	09/26/06
ADDRESS:	25408 W MAIN ST	**ID1:**	FA0008059
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0014236*
Status:	*ACTIVE*
Expiration Date:	*2/28/2007 12:00:00AM*
Facility Phone:	
Owner Name:	*COLMAN, CHUCK and DEBORAH*
Owner Address:	
Owner Address:	
Owner Phone:	

Target Property: BARSTOW CA 92311 **JOB:** 206725003

PERMITS

SEARCH ID: 149 **DIST/DIR:** NON GC **MAP ID:**

NAME: HERITAGE PROPANE
ADDRESS: RIVERSIDE DR
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 09/26/06
ID1: FA0010594
ID2:
STATUS: ACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0018022*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *EPCRA FACILITY*
Permit Number: *PT0018023*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *CALARP FACILITY PERMIT*
Permit Number: *PT0018024*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *CALARP STATE FEE*
Permit Number: *PT0018025*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:
Permit Category: *RISK MANAGEMENT PLAN - LEVEL III*
Permit Number: *PT0018026*
Status: *ACTIVE*
Expiration Date: *9/30/2006 12:00:00AM*
Facility Phone:
Owner Name: *HERITAGE PROPANE*
Owner Address:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 149 **DIST/DIR:** NON GC **MAP ID:**

NAME:	HERITAGE PROPANE	**REV:**	09/26/06
ADDRESS:	RIVERSIDE DR	**ID1:**	FA0010594
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

Owner Address:
Owner Phone:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 148 **DIST/DIR:** NON GC **MAP ID:**

NAME: FE-FAA BARSTOW RCAG B
ADDRESS: L ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/11/01
ID1: 90020522
ID2:
STATUS: NOT REPORTED
PHONE:

Permit Category: *HAZARDOUS MATERIAL HANDLER. HANDLER WITHOUT A CORRESPONDING WASTE PERMIT. 0-10 EMPLOYEES.*
Permit Number: *9003030076*
Facility Phone: *619 2562143*
Owner Name: *FEDERAL AVIATION ADMIN*
Owner Address: *3110 W EMPIRE AVE*
Owner Address: *BURBANK CA 91504*
Owner Phone: *818 5674633*

Permit Category: *STATE SERVICE CHARGE. ALL PERMITTED FACILITIES.*
Permit Number: *9709092638*
Facility Phone: *619 2562143*
Owner Name: *FEDERAL AVIATION ADMIN*
Owner Address: *3110 W EMPIRE AVE*
Owner Address: *BURBANK CA 91504*
Owner Phone: *818 5674633*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

PERMITS

SEARCH ID: 147 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FE-FAA BARSTOW RCAG B	**REV:**	02/11/04
ADDRESS:	L ST	**ID1:**	90020521
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0004747*
Status:	*ACTIVE*
Expiration Date:	*8/31/2007 12:00:00AM*
Facility Phone:	*619 2562143*
Owner Name:	*FEDERAL AVIATION ADMIN*
Owner Address:	*3110 W EMPIRE AVE*
Owner Address:	*BURBANK CA 91504*
Owner Phone:	*818 5674633*

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category:	*HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number:	*PT0004748*
Status:	*ACTIVE*
Expiration Date:	*8/31/2007 12:00:00AM*
Facility Phone:	*619 2562143*
Owner Name:	*FEDERAL AVIATION ADMIN*
Owner Address:	*3110 W EMPIRE AVE*
Owner Address:	*BURBANK CA 91504*
Owner Phone:	*818 5674633*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

OTHER

SEARCH ID: 168 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FORT IRWIN ROAD DISPOSAL	**REV:**	01/15/09
ADDRESS:	FORT IRWIN ROAD	**ID1:**	CAL36490092
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	REFER: RWQCB
CONTACT:		**PHONE:**	

GENERAL SITE INFORMATION

Site Type: *Historical*
Status: *Refer: RWQCB*
Status Date: *1995-06-01*
NPL Site: *NO*
Funding:
Regulatory Agencies Involved: *RWQCB 6 - Lahontan*
Lead Agency: *NONE SPECIFIED*
Project Manager:
Supervisor: ** MMONROY*
Branch: *Cypress*
Acres:
Assessor s Parcel Number: *NONE SPECIFIED*
Past Uses: *NONE SPECIFIED*
Potential Contaminants: ** HALOGENATED SOLVENTS * OXYGENATED SOLVENTS * CONTAMINATED SOIL * DETERGENT and SOAP * Sludge - Degreasing * UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SLUDGE WASTE * WASTE OIL and MIXED OIL * OTHER INORGANIC SOLID WASTE * PHOSPHATE SLUDGE*
Confirmed Contaminants: *NONE SPECIFIED*
Potential Media Affected: *NONE SPECIFIED*
Restricted Use: *NO*
Site Management Required: *NONE SPECIFIED*
Special Programs Associated with this Site: ** RCRA 3012 - Past Haz Waste Disp Inven Site*

OTHER SITE NAMES (blank below = not reported by agency)

CAD980498570

HOOVER DUMP

36490092

COMPLETED ACTIVITIES AND DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

Area Name: ***PROJECT WIDE***
Sub- Area Name:
Document Type: ***Preliminary Assessment Report***
Completion Date: ***1984-06-01***
Comments: *SELF MONITORING 3 MONITORING WELLS HAVE BEEN INSTALLED DUST AROUND RR FAC; SAND, OIL,and GREASE W/ CLEANING COMPOUNDS. IN 1974 DEPT OF W.RESOURCES RECOM NO GRP1 WASTES WASTE TYPE: WASTE OIL SLUDGE, IRON and PHENOLS. RWQCB REP 4/14/82: 1) SOURCE ACV: RECEIVES WASTE OIL SLUDGE FROM BARSTOW CLASSIF FAC and MAINTENANCE FAC. 2) FAC TYPE: LANDFARM. RWQCB REP 4/14/82 SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012*

Area Name: ***PROJECT WIDE***
Sub- Area Name:
Document Type: ***Discovery***
Completion Date: ***1983-10-12***
Comments: *FACILITY IDENTIFIED ID FROM ERRIS*

Area Name: ***PROJECT WIDE***
Sub- Area Name:
Document Type: ***Discovery***
Completion Date: ***1983-04-14***

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

OTHER

SEARCH ID: 168 **DIST/DIR:** NON GC **MAP ID:**

NAME:	FORT IRWIN ROAD DISPOSAL	**REV:**	01/15/09
ADDRESS:	FORT IRWIN ROAD	**ID1:**	CAL36490092
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	REFER: RWQCB
CONTACT:		**PHONE:**	

Comments: *FACILITY IDENTIFIED ID FROM CO HEALTH. TIP FROM CO HLTH INDICATES BARIED DRUMS*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 114 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: NB I-15 AT MIDWAY REST MP 107 ON FREEWAY
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 12/7/93
ID1: 354337
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 12/7/1993 **TIME OF SPILL:** 2120

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 100
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** YES
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: FUEL LINE ON BIG RIG RUPTURED
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 354337 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 130 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: MAIN ST.
BARSTOW CA
San Bernardino
CONTACT:

REV: 1/15/92
ID1: 256205
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 1/15/1992 **TIME OF SPILL:** 1750

PRODUCT RELEASED (1): MURIATIC ACID
QUANTITY (1): 3
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

SPILL INFORMATION
DATE OF SPILL: 1/15/1992 **TIME OF SPILL:** 1750

PRODUCT RELEASED (1): MURIATIC ACID
QUANTITY (1): 3
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: YES **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: BARSTOW FD NEUTRALIZESD AND CLEANUP
RELEASE DETECTION: FELL OFF TRUCK

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 130 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: MAIN ST.
BARSTOW CA
San Bernardino
CONTACT:

REV: 1/15/92
ID1: 256205
ID2:
STATUS: HIGHWAY RELATED
PHONE:

MISC. NOTES: THESE DRUMS WERE FOUND BY A MARICOPA CO SHERIFF S DEPUTY WHILE ON PATROL.

DISCHARGER INFORMATION
DISCHARGER ID: 256205
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER:
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	YES	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: BARSTOW FD NEUTRALIZESD AND CLEANUP
RELEASE DETECTION: FELL OFF TRUCK
MISC. NOTES: THESE DRUMS WERE FOUND BY A MARICOPA CO SHERIFF S DEPUTY WHILE ON PATROL.

DISCHARGER INFORMATION
DISCHARGER ID: 256205
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER:
ADDRESS:

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

NFRAP

SEARCH ID: 86 **DIST/DIR:** NON GC **MAP ID:**

NAME: ATCHISON TOPEKA and SANTA FE RWY CO
ADDRESS: 470 L STREET AT H STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/1/09
ID1: CAD980893937
ID2: 0902241
STATUS: NFRAP-N
PHONE:

DESCRIPTION:

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
ARCHIVE SITE	EPA In-House		08-01-1987
DISCOVERY	EPA Fund-Financed		03-01-1985
PRELIMINARY ASSESSMENT	EPA Fund-Financed		08-01-1987

NFRAP: No further Remedial Action planned

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 124 **DIST/DIR:** NON GC **MAP ID:**

NAME: USMC-LOGISTICS BASE BARST
ADDRESS: USMC LOGISTICS BASE, MAIN STORAGE AREA
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 4/14/94
ID1: 371868
ID2:
STATUS: FIXED FAC./UST
PHONE:

SPILL INFORMATION

DATE OF SPILL: 4/14/1994 **TIME OF SPILL:** 1400

PRODUCT RELEASED (1): OIL, FUEL: NO. 2-D
QUANTITY (1): 400
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** YES
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY USMC
RELEASE DETECTION: STORAGE TANK/RELEASE OCCURRED DUE TO OVERFILLING
MISC. NOTES: WILL NOTIFY OES

DISCHARGER INFORMATION

DISCHARGER ID: 371868 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: FEDERAL GOVERNMENT
NAME OF DISCHARGER: USMC-LOGISTICS BASE BARST
ADDRESS: USMC LOGISTICS BASE
BARSTOW CA 92311

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 121 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: NB I-15 ON HALLORAN SUMMIT OFF RAMP
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/21/91
ID1: 226793
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 7/21/1991 **TIME OF SPILL:** 0218

PRODUCT RELEASED (1): HYDROCHLORIC ACID
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

SPILL INFORMATION
DATE OF SPILL: 7/21/1991 **TIME OF SPILL:** 0218

PRODUCT RELEASED (1): HYDROCHLORIC ACID
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS AND RP
RELEASE DETECTION: TANKER TRUCK WITH LEAK

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 121 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: NB I-15 ON HALLORAN SUMMIT OFF RAMP
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/21/91
ID1: 226793
ID2:
STATUS: HIGHWAY RELATED
PHONE:

MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 226793
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	YES
UNKNOWN:	NO		

ACTIONS TAKEN: CLEANUP BY CALTRANS AND RP
RELEASE DETECTION: TANKER TRUCK WITH LEAK
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 226793
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 120 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: RIVERSIDE BARSTOW, WASTE WATER PLATE
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 6/29/92
ID1: 273673
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 6/29/1992 **TIME OF SPILL:** 0815

PRODUCT RELEASED (1): CHLOROFORM
QUANTITY (1): 2
UNITS (1): GAL

PRODUCT RELEASED (2): HYDROCHLORIC ACID
QUANTITY (2): 2
UNITS (2): GAL

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

SPILL INFORMATION
DATE OF SPILL: 6/29/1992 **TIME OF SPILL:** 0815

PRODUCT RELEASED (1): CHLOROFORM
QUANTITY (1): 2
UNITS (1): GAL

PRODUCT RELEASED (2): HYDROCHLORIC ACID
QUANTITY (2): 2
UNITS (2): GAL

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: NO WATERWAYS AFFECTED. CLEANUP BY PUBLIC WORKS
RELEASE DETECTION: EARTHQUAKE CAUSED CONTAINER TO FALL FROM SHELF

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 120 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: RIVERSIDE BARSTOW, WASTE WATER PLATE
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 6/29/92
ID1: 273673
ID2:
STATUS: FIXED FACILITY
PHONE:

MISC. NOTES: TURNED OVER/LANES 1,2 and 3 BLOCK, REROUTING TRAFFIC POISONOUS GAS (?) UNCLEAR WHAT IT IS.

DISCHARGER INFORMATION

DISCHARGER ID: 273673
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	YES
UNKNOWN:	NO		

ACTIONS TAKEN: NO WATERWAYS AFFECTED. CLEANUP BY PUBLIC WORKS
RELEASE DETECTION: EARTHQUAKE CAUSED CONTAINER TO FALL FROM SHELF
MISC. NOTES: TURNED OVER/LANES 1,2 and 3 BLOCK, REROUTING TRAFFIC POISONOUS GAS (?) UNCLEAR WHAT IT IS.

DISCHARGER INFORMATION

DISCHARGER ID: 273673
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 119 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: EB I-40, EAST OF NEWBERY REST AREA
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/11/92
ID1: 274910
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 7/11/1992 **TIME OF SPILL:** 1537

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 50
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

SPILL INFORMATION
DATE OF SPILL: 7/11/1992 **TIME OF SPILL:** 1537

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 50
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: SEMI STRUCK ROAD DEBRIS BROKE CROSS OVER LINE

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 119 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: EB I-40, EAST OF NEWBERY REST AREA
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/11/92
ID1: 274910
ID2:
STATUS: HIGHWAY RELATED
PHONE:

MISC. NOTES: THIS IS AN AMENDMENT TO THE ORIGINAL NRC REPORT 122847 CASE 92-4644

DISCHARGER INFORMATION
DISCHARGER ID: 274910
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	YES
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: SEMI STRUCK ROAD DEBRIS BROKE CROSS OVER LINE
MISC. NOTES: THIS IS AN AMENDMENT TO THE ORIGINAL NRC REPORT 122847 CASE 92-4644

DISCHARGER INFORMATION
DISCHARGER ID: 274910
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 118 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: EB I-40 EAST OF E. BROADWAY
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/17/91
ID1: 234641
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 9/17/1991 **TIME OF SPILL:** 2155

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 75
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

SPILL INFORMATION
DATE OF SPILL: 9/17/1991 **TIME OF SPILL:** 2155

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 75
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: FUEL LEAK FROM BIG RIG

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 118 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: EB I-40 EAST OF E. BROADWAY
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/17/91
ID1: 234641
ID2:
STATUS: HIGHWAY RELATED
PHONE:

MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 234641
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	YES
UNKNOWN:	NO		

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: FUEL LEAK FROM BIG RIG
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 234641
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 117 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: FORT IRWIN ROAD, 9 MI N OF IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 7/28/93
ID1: 334001
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 7/28/1993 **TIME OF SPILL:** 0607

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 90
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CO ROADS
RELEASE DETECTION: MECH FAILURE (DRIVE SHAFT, LOOSENED, STRIKING CROSS OVER LINE)
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 334001 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 89 **DIST/DIR:** NON GC **MAP ID:**

NAME:	5 MILES WEST OF I-15 WILDWASH ROAD	**REV:**	11/17/08
ADDRESS:	5 MILES WEST OF I-15 WILDWASH ROAD	**ID1:**	NRC-887723
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	FIXED
CONTACT:		**PHONE:**	

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

INCIDENT DATE:	20-OCT-2008 15:45
REPORTED DATE:	**20-OCT-2008 19:14**
TYPE OF INCIDENT:	FIXED
CAUSE OF INCIDENT:	DUMPING
MEDIUM AFFECTED:	LAND
MATERIAL NAME:	UNKNOWN OIL
LOCATION:	5 MILES WEST OF I-15 WILDWASH ROAD
SUSPECTED COMPANY:	

DESCRIPTION: THE CALLER STATED THAT A PRIVATE CITIZEN REPORTED THE DISCOVERY OF A TARRY SUBSTANCE OF UNKNOWN ORIGIN. THE PRODUCT APPEARS TO HAVE BEEN DUMPED IN VICINITY OF THE FACILITY S PIPELINE RIGHT-OF-WAY.

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 115 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: FORT IRWIN OFFRAMP
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/21/91
ID1: 234692
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 9/21/1991 **TIME OF SPILL:** 0300

PRODUCT RELEASED (1): PCP DRUG LAB WASTE
QUANTITY (1): 100
UNITS (1): LBS

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

SPILL INFORMATION
DATE OF SPILL: 9/21/1991 **TIME OF SPILL:** 0300

PRODUCT RELEASED (1): PCP DRUG LAB WASTE
QUANTITY (1): 100
UNITS (1): LBS

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

CAUSE OF RELEASE
DUMPING: YES **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CODOH
RELEASE DETECTION: ABANDONED DRUG LAB WASTE

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 115 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: FORT IRWIN OFFRAMP
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/21/91
ID1: 234692
ID2:
STATUS: FIXED FACILITY
PHONE:

MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 234692
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	YES	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: CLEANUP BY CODOH
RELEASE DETECTION: ABANDONED DRUG LAB WASTE
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 234692
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 90 **DIST/DIR:** NON GC **MAP ID:**

NAME: ALL AMERICAN PIPELINE
ADDRESS: TWELVE GAUGE LAKE STATION, ABOUT 15 MI W OF BARSTO
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 5/25/94
ID1: 378542
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION

DATE OF SPILL: 5/25/1994 **TIME OF SPILL:** 0900

PRODUCT RELEASED (1): OIL:CRUDE
QUANTITY (1): 10
UNITS (1): BBL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** YES
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP SUPERVISED BY RP
RELEASE DETECTION: FITTING ON PRESSURE SWITCH CRACKED AND SPRAYED OIL INTO AIR.
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 378542 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: ALL AMERICAN PIPELINE
ADDRESS: 5500 MING AVE
BAKERSFIELD CA 93309-

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 113 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: SB I-15 SOUTH OF GHOSTOWN RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 4/19/94
ID1: 371654
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 4/19/1994 **TIME OF SPILL:** 0704

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 50
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: JACKNIFED TRUCK
MISC. NOTES: WILL NOTIFY SAVMS/EPA

DISCHARGER INFORMATION

DISCHARGER ID: 371654 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 109 **DIST/DIR:** NON GC **MAP ID:**

NAME: TRI STATE TRUCKING
ADDRESS: MOTEL DOWN THE STREET TRUCK STOP ON WEST MAIN ST
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 10/1/90 0:
ID1: 467793
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 10/1/1990 **TIME OF SPILL:** 0700

PRODUCT RELEASED (1): UNKNOWN MATERIAL
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: CONCRETE>STORM DRAIN

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CALLED THE RADIOAVTIVE DISPATCHER AND THEY TOLD HIM NOT TO SAY ANYTHING ABOUT THE MATERIAL IN THE STORM DRAIN, DID HAVE A CONTRACTO
RELEASE DETECTION: TRACTOR TRAILOR TRUCK CARRING RADIOACTIVE MATERIAL THAT SPILT INTO A STORM DRAIN
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 467793 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE CITIZEN
NAME OF DISCHARGER: TRI STATE TRUCKING
ADDRESS: PO 113
JOPLIN MO 94802-

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 108 **DIST/DIR:** NON GC **MAP ID:**

NAME:	TRI STATE TRUCKING	**REV:**	10/1/1990
ADDRESS:	MOTEL DOWN THE STREET TRUCK STOP ON WEST MAIN ST	**ID1:**	241375
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	HIGHWAY RELATED
CONTACT:		**PHONE:**	

DETAILS NOT AVAILABLE

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 107 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTE FE RR
ADDRESS: HANE MAIN STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 4/24/95
ID1: 474786
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION

DATE OF SPILL: 4/24/1995 **TIME OF SPILL:** 1300

PRODUCT RELEASED (1): OILS,DIESEL
QUANTITY (1): 150
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** YES
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: C/U SANTE FE RE
RELEASE DETECTION: DISEL TANK PUNCTURED BY DELRIC
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 474786 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTE FE RR
ADDRESS:
BARSTOW CA

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 106 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILWAY CO.
ADDRESS: H AND MAIN ST. EAST OF LOCAL MAINTENANCE BUILDING
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 07-07-98
ID1: 440172
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION
DATE OF SPILL: **TIME OF SPILL:** 1130

PRODUCT RELEASED (1): DIESEL OIL
QUANTITY (1): 600
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	YES	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	NO
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	YES
UNKNOWN:	NO		

ACTIONS TAKEN: CONSOLIDATED WASTE INDUSTRIES TO CLEAN UP
RELEASE DETECTION: LOCOMOTIVE 5325 HAD A RUPTURED TANK.
MISC. NOTES:

DISCHARGER INFORMATION
DISCHARGER ID: 440172 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTA FE RAILWAY CO.
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 105 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILWAY
ADDRESS: BARSTOW RAIL YARD - MAIN ST.
BARSTOW CA
SAN BERNARDINO
CONTACT:

REV: 1/19/1996
ID1: 493009
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION
DATE OF SPILL: 1/19/1996 **TIME OF SPILL:** 0400

PRODUCT RELEASED (1): PROPANE
QUANTITY (1): 2
UNITS (1):
CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANS**

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 100 **DIST/DIR:** NON GC **MAP ID:**

NAME: PHOENIX TRANSPORTATION
ADDRESS: MILEPOST 19 EASTBOUND I-40
BARSTOW CA
San Bernardino
CONTACT:

REV: 4/30/96
ID1: 489641
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 4/30/1996 **TIME OF SPILL:** 0530

PRODUCT RELEASED (1): AR4000 PAVING GRADE ASPHALT
QUANTITY (1): 5880
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: SOIL / SAND

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: THE MATERIAL HAS BEEN CLEANED UP
RELEASE DETECTION: TANKER TRUCK / VEHICLE WAS INVOLVED IN AN ACCIDENT CAUSING THE RELEASE OF MATERIAL
MISC. NOTES: WILL NOTIFY OSHA, DOT AND THE STATE / THE DRIVER OF THE TRUCK WAS INJURED / THERE WAS NO HIGHWAY CLOSURE

DISCHARGER INFORMATION

DISCHARGER ID: 489641
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: PHOENIX TRANSPORTATION
ADDRESS: 1601 SOUTH UNION AVE
BAKERSFIELD CA 93302

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 99 **DIST/DIR:** NON GC **MAP ID:**

NAME: MONTGOMERY TANKLINES
ADDRESS: I-40 AT MILEPOST 16
BARSTOW CA
San Bernardino
CONTACT:

REV: 3/14/90 0:
ID1: 465390
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 3/14/1990 **TIME OF SPILL:** 2115

PRODUCT RELEASED (1): KONTOL (LUBE OIL)
QUANTITY (1): 20
UNITS (1): GAL

PRODUCT RELEASED (2): TRETOLITE (LUBE OIL)
QUANTITY (2): 30
UNITS (2): GAL

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: GROUND (SAND)

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: MATERIAL PUMPED FROM TANKER INTO ANOTHER TRUCK. A CONTRACTOR WILL BE HIRED TO
RELEASE DETECTION: TANK TRUCK / TRUCK INVOLVED IN A SINGLE VEHICLE ACCIDENT. TRUCK ROLLED
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 465390 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: MONTGOMERY TANKLINES
ADDRESS: 3108 CENTRAL AVE.
PLANT CITY FL 33567-

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 98 **DIST/DIR:** NON GC **MAP ID:**

NAME: MONTGOMERY TANKLINES
ADDRESS: I-40 AT MILEPOST 16
BARSTOW CA
San Bernardino
CONTACT:

REV: 3/14/90 0:
ID1: 162160
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 3/14/1990 **TIME OF SPILL:** 2115

PRODUCT RELEASED (1): KONTOL (LUBE OIL)
QUANTITY (1): 20
UNITS (1): GAL

PRODUCT RELEASED (2): TRETOLITE (LUBE OIL)
QUANTITY (2): 30
UNITS (2): GAL

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: GROUND (SAND)

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: MATERIAL PUMPED FROM TANKER INTO ANOTHER TRUCK. A CONTRACTOR WILL BE HIRED TO PERFORM THE CLEANUPS.
RELEASE DETECTION: TANK TRUCK / TRUCK INVOLVED IN A SINGLE VEHICLE ACCIDENT. TRUCK WENT OFF THE ROAD AND ROLLED OVER.
MISC. NOTES: I-40 WESTBOUND HAS BEEN CLOSED OFF FOR APPROX 16 MILES SINCE THE INCIDENT HAPPENED. STATE EPA HAS BEEN ONSCENE.

DISCHARGER INFORMATION

DISCHARGER ID: 162160 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: MONTGOMERY TANKLINES
ADDRESS: 3108 CENTRAL AVE.
PLANT CITY FL 33567

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 116 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: NB I-15 AT MIDWAY REST MP 107 ON FREEWAY
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 12/7/93
ID1: 353602
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 12/7/1993 **TIME OF SPILL:** 2120

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 100
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** YES
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: FUEL LINE ON BIG RIG RUPTURED
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 353602 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 104 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILROAD
ADDRESS: BARSTOW RAIL YARD
BARSTOW CA
San Bernardino
CONTACT:

REV: 12/7/94
ID1: 414570
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION

DATE OF SPILL: 12/7/1994 **TIME OF SPILL:** 0830

PRODUCT RELEASED (1): HYDRAULIC OIL
QUANTITY (1): 145
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: SOURCE SECURED/CONTAINED SPILL AND CLEANUP CREWS CLEANING UP SPILL USING SORBENTS AND VAC TRUCK
RELEASE DETECTION: DEFECTIVE HOSE CONNECTED TO RAIL RETARDER LEAKED
MISC. NOTES: WILL NOTIFY: CA OES

DISCHARGER INFORMATION

DISCHARGER ID: 414570 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTA FE RAILROAD
ADDRESS: 1700 EAST GOLF RD
SCHAUMBERG IL 60173

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

STATE

SEARCH ID: 136 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN ROAD DISPOSAL
ADDRESS: FORT IRWIN ROAD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 07/03/00
ID1: CAL36490092
ID2:
STATUS: PROPERTY/SITE REFERRED TO RWQC
PHONE:

OTHER SITE NAMES (blank below = not reported by agency)

OTHER SITE NAMES (blank below = not reported by agency)
HOOVER DUMP

GENERAL SITE INFORMATION
File Name (if different than site name):

Status: *PROPERTY/SITE REFERRED TO RWQCB (REFRW)*
AWP Site Type: *N/A*
NPL Site:
Fund:
Status Date: *06011995*
Lead: *RWQCB*
Staff: *JABRAHAM*
Senior Supervisor: *MMONROY*

DTSC Region and RWQCB : *4 / LONG BEACH*
Branch: *SOUTHERN CA. - B*
RWQCB: *LAHONTAN*
Site Access:
On Cortese List:
Groundwater Contamination:
Haz Ranking Score:
Haz Ranking Score:
Number of Sources Contributing to Contamination at the Site: *0*

OTHER AGENCY ID NUMBERS (blank below = not reported by agency)
ID SOURCE NAME, and VALUE: *EPA IDENTIFICATION NUMBER CAD980498570*

INFORMATION ON SPECIAL PROGRAMS THE SITE IS ASSOCIATED WITH (blank below = not reported by agency)
RCRA 3012

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)
Activity: ***DISCOVERY (DISC)***
Activity Status: *PROPERTY/SITE REFERRED TO RWQCB*
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: *04141983*
Yards of Solids Removed: *0*
Yards of Solids Treated: *0*
Gallons of Liquid Removed: *0*
Gallons of Liquid Treated: *0*

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Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

STATE

SEARCH ID: 136 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN ROAD DISPOSAL
ADDRESS: FORT IRWIN ROAD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 07/03/00
ID1: CAL36490092
ID2:
STATUS: PROPERTY/SITE REFERRED TO RWQC
PHONE:

Activity: ***DISCOVERY (DISC)***
Activity Status: *PROPERTY/SITE REFERRED TO RWQCB*
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: *10121983*
Yards of Solids Removed: *0*
Yards of Solids Treated: *0*
Gallons of Liquid Removed: *0*
Gallons of Liquid Treated: *0*

Activity: ***(PA)***
Activity Status: *PROPERTY/SITE REFERRED TO RWQCB*
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: *06011984*
Yards of Solids Removed: *0*
Yards of Solids Treated: *0*
Gallons of Liquid Removed: *0*
Gallons of Liquid Treated: *0*

DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

DATE	COMMENT
01011974	*INSPECTION(STATE) RWQCB INSP RESULTED IN REVISION OF*
01011974	*EXISTING WASTE DISCH REQ. DISP SITE*
01011974	*CITY WASTE OIL AND SLUDGE.*
09271978	*INSPECTION(STATE) RWQCB. OIL SLUDGE HAD BROKEN THROUGH NW*
09271978	*DIKE RESULTING IN OIL FLOW DOWN A SWALE,*
09271978	*SOME PONDING. PLAN OF CORRECTTION REQ*
01041980	*INSPECTION(STATE) RWQCB. COMPLI INSP. DISCH IN NON-PERMIT*
01041980	*AREA. REQ SUBMISSION OF INCIDENT REP.*
06091981	*INSPECTION(FED) SWMB. RCRA OPEN DUMP INSP. IN FULL*
06091981	*COMPLIANCE.*
06011982	*ENFORCEMENT ACTION RWQCB BOARD ORDER 6-82-129,REVISED WASTE*

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

STATE

SEARCH ID: 136 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN ROAD DISPOSAL
ADDRESS: FORT IRWIN ROAD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 07/03/00
ID1: CAL36490092
ID2:
STATUS: PROPERTY/SITE REFERRED TO RWQC
PHONE:

DATE	COMMENT
06011982	*DISCH REQ. PROHIBIT CL I WASTE*
08191982	*INSPECTION(STATE) RWQCB SAMPLING. REQ COMPREHENSIVE*
08191982	*SOILS INVESTIGATION.*
08191982	*SAMPLE RESULTS RWQCB: METHYLENE CHLORIDE*
10281982	*VIOLATION DETECTED OIL SLUDGE SPILL REPORT.*
04141983	*FACILITY IDENTIFIED ID FROM CO HEALTH.*
04141983	*TIP FROM CO HLTH INDICATES BARIED DRUMS*
05051983	*FACILITY DRIVE-BY LARGE DIRT AREA OFF FT IRWIN RD*
05051983	*NO EVIDENCE OF BURIED DRUMS OBSERVED*
05051983	*EXCAVATION ACTIVITY EVIDENT. NO VEG.*
05051983	*VEHICLE TRACKS PRESENT.*
05161983	*FINAL STRATEGY SITE REFERRED: TO HWMB/ENF*
09301983	*INSPECTION(STATE) RWQCB COMPLI INSP. NO PROB. ILLEGAL*
09301983	*DISP OF TRASH NOTED.*
10071983	*INSPECTION(STATE) RWQCB COMPLI INSP. NO PROB.*
10121983	*FACILITY IDENTIFIED ID FROM ERRIS*
06011984	*SELF MONITORING 3 MONITORING WELLS HAVE BEEN INSTALLED*

DATE	COMMENT

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

STATE

SEARCH ID: 136 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN ROAD DISPOSAL
ADDRESS: FORT IRWIN ROAD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 07/03/00
ID1: CAL36490092
ID2:
STATUS: PROPERTY/SITE REFERRED TO RWQC
PHONE:

06011984 *DUST AROUND RR FAC; SAND, OIL,and GREASE*

DATE	COMMENT
06011984	*W/ CLEANING COMPOUNDS. IN 1974 DEPT OF*
06011984	*W.RESOURCES RECOM NO GRP1 WASTES*
06011984	*WASTE TYPE: WASTE OIL SLUDGE, IRON and*
06011984	*PHENOLS. RWQCB REP 4/14/82: 1) SOURCE*
06011984	*ACV: RECEIVES WASTE OIL SLUDGE FROM*
06011984	*BARSTOW CLASSIF FAC and MAINTENANCE FAC.*
06011984	*2) FAC TYPE: LANDFARM.*
06011984	*RWQCB REP 4/14/82*
06011984	*SUBMIT TO EPA*
06011984	*PRELIM ASSESS DONE RCRA 3012*
09011987	*REPORTED FOR PROP65*
01011988	*ON CORTESE LIST*
01141991	*DHS received EPA Federal Investigation Team s Federal Faci-*
01141991	*lity PA/SI Review - EPA recommends Site Inspection (June 15,*
01141991	*1990). EPA is lead agency.*
06011995	*RWQCB lead.*

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 135 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: WB I-40 MILE MARKER 30
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 9/16/1993
ID1: 342511
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 9/16/1993 **TIME OF SPILL:** 0709

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 60
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: YES **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** YES
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: BIG RIG BROKE CROSS OVER LINE
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 342511 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 134 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: CENTER DIVIDE I-40 I MI W OF FORT KATIE
NEWBERRY SPRINGS CA 92365
SAN BERNARDINO
CONTACT:

REV: 2/13/93
ID1: 307689
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 2/13/1993 **TIME OF SPILL:** 0505

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 120
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS. NO WATERWAYS
RELEASE DETECTION: OVERTURNED BIG RIG
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 307689 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 128 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: S/B I-15 SOUTH OF GHOST TOWN RD
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 11/30/94
ID1: 415977
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 11/30/1994 **TIME OF SPILL:** 0923

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: REPORT OF DRIVER LEAKING FUEL ON ROADWAY FOR 1 MILE
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 415977 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER:
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 127 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: H STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/31/07
ID1: NRC-846229
ID2:
STATUS: PIPELINE
PHONE:

SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED: 8/20/2007 4:07:40 PM **DATE COMPLETE:** 8/20/2007 4:16:04 PM
CALL TAKER: **CALL TYPE:** INC

RESPONSIBLE PARTY:
PHONE 1:
PHONE 2:
PHONE 3:

RESPONSIBLE COMPANY: KINDER MORGAN
ORGANIZATION TYPE: PRIVATE ENTERPRISE

ADDRESS:
ORANGE CA 92868

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: CALLER IS REPORTING A DISCHARGE OF DIESEL FROM A SAMPLE TAP ON A PIPELINE DUE THE DRAIN BACKING UP.

INCIDENT TYPE: PIPELINE **INCIDENT CAUSE:** EQUIPMENT FAILURE
INCIDENT DATE: 8/20/2007 12:50:00 PM **INCIDENT DATE DESC:** OCCURRED
DISTANCE FROM CITY: **DISTANCE UNITS:**
DIRECTION FROM CITY: **LOCATION SECTION:**
LOCATION TOWNSHIP: **LOCATION RANGE:**

AIRCRAFT TYPE: **AIRCRAFT MODEL:**
AIRCRAFT ID: **AIRCRAFT FUEL CAPACITY:**
AIRCRAFT FUEL CAPACITY UNITS: **AIRCRAFT FUEL ON BOARD:**
AIRCRAFT FUEL ON BOARD UNITS: **AIRCRAFT SPOT NUMBER:**
AIRCRAFT HANGER: **AIRCRAFT RUNWAY NUM:**
ROAD MILE MARKER: **BUILDING ID:**
TYPE OF FIXED OBJECT: **POWER GEN FACILITY:** U
GENERATING CAPACITY: **TYPE OF FUEL:**
NPDES: **NPDES COMPLIANCE:** U
PIPELINE TYPE: SERVICE **DOT REGULATED:** Y
PIPELINE ABOVE GROUND: BELOW **EXPOSED UNDERWATER:** N
PIPELINE COVERED: U **GRADE CROSSING:** U
LOCATION SUBDIVISION: **RAILROAD MILEPOST:**
TYPE VEHICLE INVOLVED: **CROSSING DEVICE TYPE:**
DEVICE OPERATIONAL: Y

DOT CROSSING NUMBER: **BRAKE FAILURE:** U

- Continued on next page -

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 127 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: H STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/31/07
ID1: NRC-846229
ID2:
STATUS: PIPELINE
PHONE:

TANK ABOVE GROUND: ABOVE
TANK REGULATED: U
TANK ID:
CAPACITY OF TANK UNITS:
ACTUAL AMOUNT UNITS:
PLATFORM LETTER:
LOCATION BLOCK ID:

TRANSPORTABLE CONTAINER: U
TANK REGULATED BY:
CAPACITY OF TANK:
ACTUAL AMOUNT:
PLATFORM RIG NAME:
LOCATION AREA ID:

DESCRIPTION OF TANK:

OCSG NUMBER:
STATE LEASE NUMBER:
BERTH SLIP NUMBER:
INITIAL CONT RELEASE NUM:
ALLISION: U
STRUCTURE NAME:
AIRBAG DEPLOYED: U
SERVICE DISRUPT TIME:
TRANSIT BUS FLAG:
CR END DATE:

OCSP NUMBER:
PIER DOCK NUMBER:
CONTIN RELEASE TYPE:
CONT RELEASE PERMIT:
TYPE OF STRUCTURE:
STRUCT OPERATIONAL: U
DATE NORMAL SERVICE:
SERVICE DISRUPT UNITS:
CR BEGIN DATE:
CR CHANGE DATE:

FIRE INVOLVED: N
ANY EVACUATIONS: N
WHO EVACUATED:
ANY INJURIES: N
NUMBER HOSPITALIZED:
NUMBER FATALITIES:
DAMAGE AMOUNT:
AIR CORRIDOR DESC:
WATERWAY CLOSED: N
WATERWAY CLOSURE TIME:
ROAD DESC:
CLOSURE DIRECTION:

FIRE EXTINGUISHED: U
NUMBER EVACUATED:
RADIUS OF EVACUATION:
NUMBER INJURED:
ANY FATALITIES: N
ANY DAMAGES: N
AIR CORRIDOR CLOSED: N
AIR CLOSURE TIME:
WATERWAY DESC:
ROAD CLOSED: N
ROAD CLOSURE TIME:
MAJOR ARTERY: N

TRACK CLOSED: N
TRACK CLOSURE TIME:
MEDIUM DESC: LAND
SOIL
BODY OF WATER:
NEAREST RIVER MILE MARK:
EST DUR OF RELEASE:
TRACK CLOSE DIR:
ST AGENCY RPT NUM: 07-4981
WEATHER CONDITIONS: SUNNY
WIND SPEED:
WATER SUPPLY CONTAM: U
SHEEN COLOR:
SHEEN ODOR DESCRIPTION:
CURRENT SPEED:
WATER TEMPERATURE:

TRACK DESC:
MEDIA INTEREST: NONE
ADDTL MEDIUM INFO: 2X2 FEET AREA ON GRAVEL AND
TRIBUTARY OF:
RELEASE SECURED: Y
RELEASE RATE:
ST AGENCY ON SCENE: NONE
OTHER AGENCY NOTIFIED:
AIR TEMPERATURE: 100
WIND DIRECTION:
SHEEN SIZE:
DIR OF SHEEN TRAVEL:
WAVE CONDITION:
CURRENT DIRECTION:

DESC OF REMEDIAL ACTION: EXCAVATED STAINED GRAVEL AND SOIL.

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 127 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: H STREET
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 12/31/07
ID1: NRC-846229
ID2:
STATUS: PIPELINE
PHONE:

EMPL FATALITY:		**PASS FATALITY:**	
COMMUNITY IMPACT:		**WIND SPEED UNITS:**	
EMPLOYEE INJURIES:		**PASSENGER INJURIES:**	
OCCUPANT FATALITY:		**CURRENT SPEED UNITS:**	
ROAD CLOSURE UNITS:		**TRACK CLOSURE UNITS:**	
SHEEN SIZE UNITS:		**STATE AGENCY NOTIFIED:**	CA OES
FED AGENCY NOTIFIED:	NONE	**NEAREST RIVER MILE MARK:**	
SHEEN SIZE LENGTH:		**SHEEN SIZE LENGTH UNITS:**	
SHEEN SIZE WIDTH:		**SHEEN SIZE WIDTH UNITS:**	
OFFSHORE:	N	**DURATION UNIT:**	
RELEASE RATE UNIT:		**RELEASE RATE RATE:**	

ADDITIONAL INFO: CALLER WILL NOTIFY FD AND THE BUREAU OF RECLAMATION.

MATERIAL INFORMATION

CHRIS CODE:	OTD	**CASE NUMBER:**	000000-00-0
UN NUMBER:		**REACHED WATER:**	NO

NAME OF MATERIAL: OIL, FUEL: NO. 2-D
AMOUNT OF MATERIAL: 0 UNKNOWN AMOUNT
AMOUNT IN WATER:

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

VESSEL INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 126 **DIST/DIR:** NON GC **MAP ID:**

NAME:
ADDRESS: INTERSECTION BARSTOW RD AND RIMROCK RD
BARSTOW CA
San Bernardino
CONTACT:

REV: 01-20-98
ID1: 50808
ID2:
STATUS: UNKNOWN
PHONE:

CERCLIS (Y/N):

MAT: NATURAL GAS **QUANT:** 0 UNKNOWN

LOCATION: INTERSECTION BARSTOW RD AND RIMROCK RD
CITY: **REPORTED:** 01/20/88

SOURCE: UNKNOWN **MEDIUM:** OTHER
34 STEEL GATHERING LINE/CONTRACTOR INSTALLING STORM DRIAN UNDER GAS LINE DA
CAUSE: UNKNOWN
MAGED PIPE WALL NO ESCAPING GAS

ACT: LOWERED LINE PRESSURE TO A WELDING PRESSURE AND MAKING REAPAIRS
BY:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 125 **DIST/DIR:** NON GC **MAP ID:**

NAME: YELLOW FREIGHT
ADDRESS: I-15 AND PALMDALE ROAD
BARSTOW CA
San Bernardino
CONTACT:

REV: 9/27/98
ID1: 595684
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 9/27/1998 **TIME OF SPILL:** 1000

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 200
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: SOIL

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: TRACTOR TRAILER TOWED BACK TO TERMINAL / TOW TRUCK COMPANY WAS TO INITIATE CLEAN UP / CONTRACTOR WILL GO BACK OUT TO CHECK ON CLEAN UP
RELEASE DETECTION: SADDLE TANKS ON A TRACTOR TRAILER / ROAD DEBRIS PUNCTURED TANK / NO HAZMAT ON BOARD
MISC. NOTES: NO OTHER INFORMATION WAS SUPPLIED / WAS UNABLE TO GET AHOLD OF THE STATE

DISCHARGER INFORMATION

DISCHARGER ID: 595684 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: YELLOW FREIGHT
ADDRESS:
VICTORVILLE CA

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 112 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: SB I-15, SOUTH OF W. MAIN ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 10/30/92
ID1: 293470
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION
DATE OF SPILL: 10/30/1992 **TIME OF SPILL:** 1547

PRODUCT RELEASED (1): DIESEL FUEL
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

SPILL INFORMATION
DATE OF SPILL: 10/30/1992 **TIME OF SPILL:** 1547

PRODUCT RELEASED (1): DIESEL FUEL
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED
AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE
DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CALTRANS TO CLEANUP
RELEASE DETECTION: BIG RIG JACK-KNIFED

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 112 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: SB I-15, SOUTH OF W. MAIN ST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 10/30/92
ID1: 293470
ID2:
STATUS: HIGHWAY RELATED
PHONE:

MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 293470
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	YES
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: CALTRANS TO CLEANUP
RELEASE DETECTION: BIG RIG JACK-KNIFED
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 293470
TYPE OF DISCHARGER: UNKNOWN
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

DUN and BRADSTREET :

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

NFRAP

SEARCH ID: 87 **DIST/DIR:** NON GC **MAP ID:**

NAME: FORT IRWIN RD DSPL
ADDRESS: FORT IRWIN RD
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 9/1/09
ID1: CAD980498570
ID2: 0901753
STATUS: NFRAP-N
PHONE:

DESCRIPTION:

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
ARCHIVE SITE	EPA In-House		09-01-1988
DISCOVERY	EPA Fund-Financed		11-01-1979
PRELIMINARY ASSESSMENT NFRAP: No further Remedial Action planned	EPA Fund-Financed		09-01-1988
PRELIMINARY ASSESSMENT Low priority for further assessment	State, Fund Financed	10-01-1984	05-01-1985

ERNS

SEARCH ID: 110 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNK
ADDRESS: HODGE RD 1/4MI W OF I5
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 01-20-98
ID1: 73374
ID2:
STATUS: UNKNOWN
PHONE:

CERCLIS (Y/N):

MAT: CORROSIVE POISON **QUANT:** 60 GALLONS

LOCATION: HODGE RD 1/4MI W OF I5
CITY: **REPORTED:** 07/26/88

SOURCE: UNKNOWN **MEDIUM:** LAND
ILLEGAL DUMPING WASTE FROM METHAMPHETAMINE LAB/FLO TO LAND ILLEGAL DUMPING WA
CAUSE: UNKNOWN
STE FROM METHAMPHETAMINE LAB/FLO TO LAND

ACT: CA SUPERFUND=CU TECHNICAL WASTE MGMT =CONTRACTOR
BY:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

LUST

SEARCH ID: 176 **DIST/DIR:** NON GC **MAP ID:**

NAME: BLDG 143 T72
ADDRESS: 2ND STREET
FORT IRWIN NTC CA 92311
SAN BERNARDINO
CONTACT:

REV: 04/11/08
ID1: T0607100852
ID2:
STATUS: CASE CLOSED
PHONE:

RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

LEAD AGENCY: *REGIONAL BOARD*
REGIONAL BOARD: *6V*
LOCAL CASE NUMBER: *94003*
RESPONSIBLE PARTY: *US ARMY*
ADDRESS OF RESPONSIBLE PARTY:
SITE OPERATOR: *US ARMY*
WATER SYSTEM:

CASE NUMBER: *6B3600657T*
CASE TYPE: *SOIL ONLY*
SUBSTANCE LEAKED: *DIESEL*
SUBSTANCE QUANTITY:
LEAK CAUSE: *UNKNOWN*
LEAK SOURCE: *TANK*
HOW LEAK WAS DISCOVERED: *TANK CLOSURE*
DATE DISCOVERED (blank if not reported): *1994-02-10 00:00:00*
HOW LEAK WAS STOPPED:
STOP DATE (blank if not reported): *1994-02-10 00:00:00*
STATUS: *CASE CLOSED*
ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):
ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency): *Closure Letter*
DATE OF ENFORCEMENT (blank if not reported): *1994-01-27 00:00:00*

ENTER DATE (blank if not reported): *1994-09-12 00:00:00*
REVIEW DATE (blank if not reported): *2002-04-04 00:00:00*
DATE OF LEAK CONFIRMATION (blank if not reported):
DATE PRELIMINARY SITE ASSESSMENT PLAN WAS SUBMITTED (blank if not reported):
DATE PRELIMINARY SITE ASSESSMENT PLAN BEGAN (blank if not reported):
DATE POLLUTION CHARACTERIZATION PLAN BEGAN (blank if not reported): *1994-06-29 00:00:00*
DATE REMEDIATION PLAN WAS SUBMITTED (blank if not reported):
DATE REMEDIAL ACTION UNDERWAY (blank if not reported):
DATE POST REMEDIAL ACTION MONITORING BEGAN (blank if not reported):
DATE CLOSURE LETTER ISSUED (SITE CLOSED) (blank if not reported): *2006-04-12 00:00:00*
REPORT DATE (blank if not reported): *1994-06-21 00:00:00*

MTBE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE

MTBE DATE(Date of historical maximum MTBE concentration):
MTBE GROUNDWATER CONCENTRATION (parts per billion):
MTBE SOIL CONCENTRATION (parts per million):
MTBE CNTS: *0*
MTBE FUEL: *0*
MTBE TESTED: *NOT REQUIRED TO BE TESTED*
MTBE CLASS: *

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 103 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILROAD
ADDRESS: H AND MAIN ST, MP 748
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 2/2/94
ID1: 362070
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION

DATE OF SPILL: 2/2/1994 **TIME OF SPILL:** 0730

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 250
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY SANTA FE
RELEASE DETECTION: FUELING FACILITY FUEL NOZZLE BROKE
MISC. NOTES: VEHICLE WAS ABANDONED BY THE DRIVER OF THE TRUCK

DISCHARGER INFORMATION

DISCHARGER ID: 362070 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTA FE RAILROAD
ADDRESS: 740 E. CARNEGIE DR
SAN BERNARDINO CA 92408-

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 102 **DIST/DIR:** NON GC **MAP ID:**

NAME: SANTA FE RAILROAD
ADDRESS: EAST BARSTOW RAILROAD STATION, I-15 AND EAST MAIN
BARSTOW CA
San Bernardino
CONTACT:

REV: 2/23/96
ID1: 493212
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION

DATE OF SPILL: 2/23/1996 **TIME OF SPILL:** 0015

PRODUCT RELEASED (1): AMMONIA,ANHYDROUS
QUANTITY (1): 160800
UNITS (1): LBS

PRODUCT RELEASED (2): METHYLAMINE (ANHYDROUS)
QUANTITY (2): 157300
UNITS (2): LBS

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN:
RELEASE DETECTION: TRAIN DERAILMENT, 2 HAZMAT CARS STILL UP RIGHT, NO LEAK 17 CARS TOTAL. 4 REFER CARS WITH 500 GALS. DIESEL EACH POTENTIAL
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 493212 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: SANTA FE RAILROAD
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 101 **DIST/DIR:** NON GC **MAP ID:**

NAME:	PRO FLAME GAS	**REV:**	01-04-01
ADDRESS:	RIVERSIDE DRIVE AT THE OLD STOCKYARDS	**ID1:**	131766
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	UNKNOWN
CONTACT:		**PHONE:**	

THERE ARE NO DETAILS AVAILABLE FOR THIS SITE

ERNS

SEARCH ID: 97 **DIST/DIR:** NON GC **MAP ID:**

NAME:	MAY FLOWER VAN LINE	**REV:**	01-04-01
ADDRESS:	I 15 3/4 MI N OF W MAIN ST	**ID1:**	114473
	BARSTOW CA	**ID2:**	
	SAN BERNARDINO	**STATUS:**	UNKNOWN
CONTACT:		**PHONE:**	

THERE ARE NO DETAILS AVAILABLE FOR THIS SITE

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 96 **DIST/DIR:** NON GC **MAP ID:**

NAME: BULK TRANSPORTATION
ADDRESS: L and WHITE STREETS
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 7/30/93
ID1: 335765
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 7/30/1993 **TIME OF SPILL:** 1230

PRODUCT RELEASED (1): SODIUM HYDROXIDE
QUANTITY (1): 300
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CONTRACTOR
RELEASE DETECTION: DRIVER ERROR CAUSED SUBSTANCE TO BLOW OUT OF TRUCK
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 335765 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: BULK TRANSPORTATION
ADDRESS: PO BOX 390
WALNUT CA 91789-

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311 **JOB:** 206725003

ERNS

SEARCH ID: 95 **DIST/DIR:** NON GC **MAP ID:**

NAME: BULINGTON NORTHERN RAILROAD
ADDRESS: BARSTOW YARD, H + MAIN ST.
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 2/6/97
ID1: 536424
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION

DATE OF SPILL: 2/6/1997 **TIME OF SPILL:** 0940

PRODUCT RELEASED (1): GUM ADHESIVE +SOLVENT
QUANTITY (1): 5
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: NO **FIXED FACILITY:** YES
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: YES **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: C/U BY CONSOLIDATED WASTE MANAGEMENT (RP CONTRATOR)S
RELEASE DETECTION: LEAKING OUT OF DOOR OF TRAILER LOCATED ON FLAT CAR CAR ISOLATED, NONE ON GROUND.
MISC. NOTES: Previous Case : 97-0402

DISCHARGER INFORMATION

DISCHARGER ID: 536424 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: BULINGTON NORTHERN RAILROAD
ADDRESS: 1700 EAST GOLF RD.
SCHAUMBURG IL 60173-

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 94 **DIST/DIR:** NON GC **MAP ID:**

NAME: BNSF RR
ADDRESS: H STREET RAILROAD YARD -TANGENT RETARDER 26 BARST
BARSTOW CA 92311
SAN BERNARDINO
CONTACT:

REV: 3/12/97
ID1: 536538
ID2:
STATUS: RAILROAD
PHONE:

SPILL INFORMATION

DATE OF SPILL: 3/12/1997 **TIME OF SPILL:** 1507

PRODUCT RELEASED (1): HYDRAULIC OIL
QUANTITY (1): 250
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** YES
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CU/BY ENVIRON-CLEAN
RELEASE DETECTION: A HYDRAULIC ON THE HUMP RETARDER FAILED RELEASING THE OIL THE HUMP RETARDER HAS EEN REPAIRED
MISC. NOTES: Previous Case : 97-0520

DISCHARGER INFORMATION

DISCHARGER ID: 536538 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: BNSF RR
ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 92 **DIST/DIR:** NON GC **MAP ID:**

NAME:	ALL AMERICAN PIPELINE/M KING	**REV:**	01-04-01
ADDRESS:	12 MI W OF BARSTOW/S OF ST ROURE 58	**ID1:**	124159
	BARSTOW CA 92311	**ID2:**	
	SAN BERNARDINO	**STATUS:**	UNKNOWN
CONTACT:		**PHONE:**	

DETAILS NOT AVAILABLE

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 91 **DIST/DIR:** NON GC **MAP ID:**

NAME: ALL AMERICAN PIPELINE
ADDRESS: TWELVE GAUGE LAKE STATION, ABOUT 15 MI W OF BARSTO
BARSTOW CA 92311
San Bernardino
CONTACT:

REV: 5/25/94
ID1: 377629
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION

DATE OF SPILL: 5/25/1994 **TIME OF SPILL:** 0900

PRODUCT RELEASED (1): OIL:CRUDE
QUANTITY (1): 10
UNITS (1): BBL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** YES
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP SUPERVISED BY RP
RELEASE DETECTION: FITTING ON PRESSURE SWITCH CRACKED AND SPRAYED OIL INTO AIR.
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 377629 **DUN and BRADSTREET :**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: ALL AMERICAN PIPELINE
ADDRESS: 5500 MING AVE
BAKERSFIELD CA 93309-

Environmental FirstSearch
Site Detail Report

Target Property: BARSTOW CA 92311

JOB: 206725003

ERNS

SEARCH ID: 111 **DIST/DIR:** NON GC **MAP ID:**

NAME: UNKNOWN
ADDRESS: I-40 W/B MILEPOST 72
BARSTOW CA
San Bernardino
CONTACT:

REV: 12/9/90 0:
ID1: 189411
ID2:
STATUS: HIGHWAY RELATED
PHONE:

SPILL INFORMATION

DATE OF SPILL: 12/9/1990 **TIME OF SPILL:** 1200

PRODUCT RELEASED (1): DIESEL
QUANTITY (1): 90
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: NONE

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** YES
UNKNOWN: NO

ACTIONS TAKEN: CLEANUP BY CALTRANS
RELEASE DETECTION: RUPTURED FUEL TANK\par **MISC. NOTES:**

DISCHARGER INFORMATION

DISCHARGER ID: 189411 **DUN and BRADSTREET :**
TYPE OF DISCHARGER:
NAME OF DISCHARGER: UNKNOWN
ADDRESS:

Environmental FirstSearch Descriptions

NPL: ***EPA*** NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.
A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.
FINAL - Currently on the Final NPL
PROPOSED - Proposed for NPL

NPL DELISTED: ***EPA*** NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. 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.
DELISTED - Deleted from the Final NPL

CERCLIS: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.
PART OF NPL- Site is part of NPL site
DELETED - Deleted from the Final NPL
FINAL - Currently on the Final NPL
NOT PROPOSED - Not on the NPL
NOT VALID - Not Valid Site or Incident
PROPOSED - Proposed for NPL
REMOVED - Removed from Proposed NPL
SCAN PLAN - Pre-proposal Site
WITHDRAWN - Withdrawn

NFRAP: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This 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 a potential NPL site.
NFRAP – No Further Remedial Action Plan
P - Site is part of NPL site
D - Deleted from the Final NPL
F - Currently on the Final NPL
N - Not on the NPL
O - Not Valid Site or Incident
P - Proposed for NPL
R - Removed from Proposed NPL
S - Pre-proposal Site
W – Withdrawn

RCRA COR ACT: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM

TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that generate or transport hazardous waste or meet other RCRA requirements.
LGN - Large Quantity Generators
SGN - Small Quantity Generators
VGN – Conditionally Exempt Generator.
Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

RCRA NLR: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification:
Failure to report in a timely matter.
No longer in business.
No longer in business at the listed address.
No longer generating hazardous waste materials in quantities which require reporting.

Federal IC / EC: ***EPA*** BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.
FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

ERNS: ***EPA/NRC*** EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: ***DOI/BIA*** INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

State/Tribal Sites: ***CA EPA*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at

properties that may have been affected by the release of hazardous substances.
The SMBRPD displays information in six categories. The categories are:
1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).
Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.
CORTESE LIST-Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program. The CAL EPA Dept. of Toxic Substances Control compiles information from subsets of the following databases to make up the CORTESE list:
1. The Dept. of Toxic Substances Control; contaminated or potentially contaminated hazardous waste sites listed in the CAL Sites database. Formerly known as ASPIS are included (CALSITES formerly known as ASPIS).
2. The California State Water Resources Control Board; listing of Leaking Underground Storage Tanks are included (LTANK)
3. The California Integrated Waste Management Board; Sanitary Landfills which have evidence of groundwater contamination or known migration of hazardous materials (formerly WB-LF, now AB 3750).
Note: Track Info Services collects each of the above data sets individually and lists them separately in the following First Search categories in order to provide more current and comprehensive information: CALSITES: SPL, LTANK: LUST, WB-LF: SWL

State Spills 90: ***CA EPA*** SLIC REGIONS 1 - 9- The California Regional Water Quality Control Boards maintain report of sites that have records of spills, leaks, investigation, and cleanups.

State/Tribal SWL: ***CA IWMB/SWRCB/COUNTY*** SWIS SOLID WASTE INFORMATION SYSTEM-The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed in the source field..
Please Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.
WMUDS-The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (WMU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.
Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.
ORANGE COUNTY LANDFILLS LIST- A list maintained by the Orange County Health Department.

State/Tribal LUST: ***CA SWRCB/COUNTY*** LUSTIS- The State Water Resources Control Board maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.
SAN DIEGO COUNTY LEAKING TANKS- The San Diego County Department of Environmental Health maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number listed in the source information field.

State/Tribal UST/AST: ***CA EPA/COUNTY/CITY*** ABOVEGROUND STORAGE TANKS LISTING-The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a

groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.
SWEEPS / FIDS STATE REGISTERED UNDEGROUND STORAGE TANKS- Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. Track Info Services included the UST information from the FIDS database in its First Search reports for historical purposes to help its clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed with the source information.
INDIAN LANDS UNDERGROUND STORAGE TANKS LIST- A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTS are administered by US EPA Region 9.
CUPA DATABASES & SOURCES- Definition of a CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.
A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.
Please Note: Track Info Services, LLC collects and maintains information regarding Underground Storage Tanks from majority of the CUPAS and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefor, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

State/Tribal IC: ***CA EPA*** DEED-RESTRICTED SITES LISTING- The California EPA's Department of Toxic Substances Control Board maintains a list of deed-restricted sites, properties where the DTSC has placed limits or requirements on the future use of the property due to varying levels of cleanup possible, practical or necessary at the site.

State/Tribal VCP: ***CA EPA*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.
The SMBRPD displays information in six categories. The categories are:
1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type VC. Each Category contains information on properties based upon the type of work taking place at the site. The VC category contains only those properties undergoing voluntary investigation and/or cleanup and which are listed in the Voluntary Cleanup Program.

RADON: ***NTIS*** NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Permits: ***CA COUNTY*** SAN DIEGO COUNTY HE17 PERMITS- The HE17/58 database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations that the County oversees. It tracks if a site is a hazardous waste generator, TSD, gas station, has underground tanks, violations, or unauthorized releases. For more information on a specific file call the HazMat Duty Specialist at the phone number listed in the source information field.
SAN BERNARDINO COUNTY HAZARDOUS MATERIALS PERMITS- Handlers and Generators Permit Information Maintained by the Hazardous Materials Division.

State Other: ***CA EPA/COUNTY*** SMBRPD / CAL SITES- The California Department of Toxic Substances

Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.
The SMBRPD displays information in six categories. The categories are:
1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).
Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.
LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG- The County of Los Angeles Public Health Investigation Compliant Control Log.
ORANGE COUNTY INDUSTRIAL SITE CLEANUPS- List maintained by the Orange County Environmental Health Agency.
RIVERSIDE COUNTY WASTE GENERATORS-A list of facilities in Riverside County which generate hazardous waste.
SACRAMENTO COUNTY MASTER HAZMAT LIST-Master list of facilities within Sacramento County with potentially hazardous materials.
SACRAMENTO COUNTY TOXIC SITE CLEANUPS-A list of sites where unauthorized releases of potentially hazardous materials have occurred.

State Other: ***US DOJ*** NATIONAL CLANDESTINE LABORATORY REGISTER - Database of 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 U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: BARSTOW CA 92311

JOB: 206725003

Street Name	Dist/Dir	Street Name	Dist/Dir
A St	0.18 SW	Las Amigas Dr	0.03 NE
Alta Vista Ln	0.05 NE	Lenwood Rd	0.00 --
Ann St	0.09 NW	Lillian Dr	0.03 NE
Antelope Ln	0.05 NE	Lookout Dr	0.15 NE
Apache Ave	0.05 SE	Lotebush Ln	0.16 SW
Arbuckle St	0.07 SE	Luna Dr	0.22 SW
Argarita Ave	0.06 SW	M St	0.07 SE
Armory Rd	0.06 SE	Madrona Ave	0.16 SW
Arroyo Dr	0.06 SW	Manzanita Dr	0.06 SW
Arville Ave	0.15 NE	May Ln	0.04 NE
Avenue H	0.00 --	May St	0.23 SW
Avenue I	0.05 NW	McBroom Ave	0.12 SE
Avenue J	0.08 NW	Mercantile Way	0.19 SE
Avenue K	0.13 NW	Meridian Rd	0.15 SE
B St	0.18 SW	Mesa Dr	0.23 NW
Baldwin Ln	0.04 NE	Michael St	0.14 NE
Baldwin Rd	0.22 SW	Mirage Dr	0.18 SW
Barstow Rd	0.00 --	Monterey Ave	0.01 SW
Bassett Dr	0.05 NW	Morton St	0.11 SE
Belinda St	0.15 NE	Moss Ave	0.09 SE
Beryl Rd	0.21 SE	Mount Vernon Ave	0.03 NE
Beverly Ave	0.25 SE	Muir St	0.10 SE
Broadway Ave	0.16 SE	N St	0.03 NW
Buckboard Rd	0.08 NW	National Trails Hwy	0.00 --
Cal Ave	0.15 SE	O St	0.04 SE
Calico Dr	0.04 SE	Oakmont Dr	0.17 SW
Caliente Dr	0.20 NE	Oasis Dr	0.22 SW
Carson St	0.03 NW	Old Hwy 58	0.00 --
Center Ave	0.12 SE	Olive Ct	0.06 SW
Center Ln	0.12 SE	Outlet Center Dr	0.01 SE
Channel Rd	0.23 NE	P St	0.04 SE
Church Ave	0.02 SE	Palm St	0.22 SE
Cochise Ave	0.12 SE	Palmetto Dr	0.17 SW
Commerce Pky	0.14 NW	Pampas Ct	0.07 SW
Coolwater Ln	0.04 NW	Patricia St	0.20 NW
Corning Ave	0.11 SE	Pine Ave	0.05 SW
Cottonwood Dr	0.17 S-	Piute St	0.08 SE
D St	0.12 SW	Purple Sage Ct	0.05 SW
Date St	0.18 SE	Rimrock Rd	0.16 SE
De Anza St	0.04 SE	Riverside Dr	0.00 --
Deseret Ave	0.05 SW	Roberta Ct	0.04 NW
Dolomite St	0.22 SW	Roberta St	0.01 NW
Durango St	0.08 NE	Rockford St	0.11 SE
E Grace St	0.08 NE	S 1st Ave	0.15 NE
E Navajo St	0.02 NW	S 2nd Ave	0.09 NE
E St	0.12 SW	S Coyote Ln	0.05 NE
E Virginia Way	0.03 NW	S Muriel Dr	0.00 --
Eastgate Rd	0.21 NW	S Yucca St	0.07 NW

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: BARSTOW CA 92311

JOB: 206725003

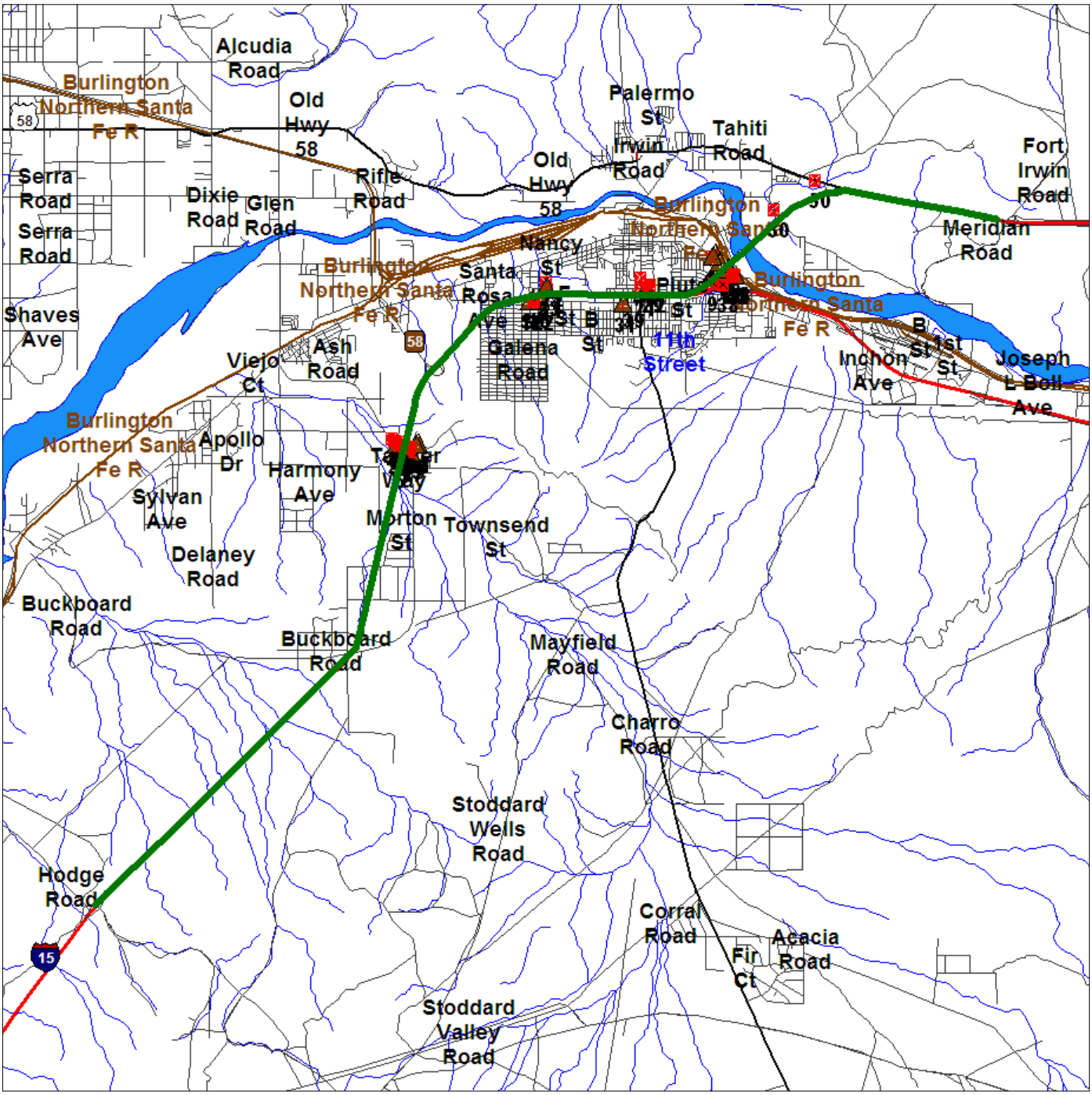
Street Name	Dist/Dir	Street Name	Dist/Dir
Elizabeth St	0.01 NW	San Miguel St	0.04 NW
F St	0.11 SW	Sandalwood Ct	0.05 SW
Faith Ln	0.05 NE	Sandy Hill Dr	0.04 SW
Fenmore Dr	0.17 SW	Santa Catalina Ave	0.03 NW
Fenoak Dr	0.17 SE	Santa Cruz St	0.20 NW
Fisher Blvd	0.13 SE	Santa Maria St	0.12 NW
Forest Ave	0.12 SE	Santa Rosa Ave	0.03 NW
Fort Irwin Rd	0.16 SE	Scenic Way	0.25 NE
G St	0.11 SW	Sidewinder Rd	0.00 --
Gen Ct	0.04 NW	Soapmine Rd	0.00 --
Glade St	0.08 SE	State Highway 247	0.01 SW
Grove Ct	0.08 SE	State Highway 58	0.00 --
H St	0.00 --	State St	0.02 SE
High Point Pky	0.12 SE	Stevens St	0.24 NW
Highland St	0.17 SW	Stoddard Mountain Rd	0.02 SE
Hodge Rd	0.01 SW	Sulgrove St	0.11 SE
I- 15 Service Road	0.22 NE	Sumac Ct	0.06 SW
I St	0.09 SE	Sunflower Ct	0.19 NW
I-15	0.00 --	Tanger Way	0.08 SE
I-40	0.00 --	Tecate Dr	0.17 SW
Ironwood Dr	0.08 SE	Vineyard St	0.08 NE
Ivy Ct	0.06 NW	W Grace St	0.08 NE
J St	0.08 SE	West Virginia Way	0.15 NE
Juniper St	0.25 SW	Western Whip Ct	0.02 NE
K St	0.06 SE	Windy Pass	0.06 SE
Kay Ct	0.05 NW	Wisteria Ave	0.13 SW
Kelly Dr	0.04 NW	Yorktown St	0.11 SE
Ken Ln	0.14 NE		
L St	0.01 NW		

Environmental FirstSearch

1 Mile Radius from Line

Single Map:

, BARSTOW CA 92311



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

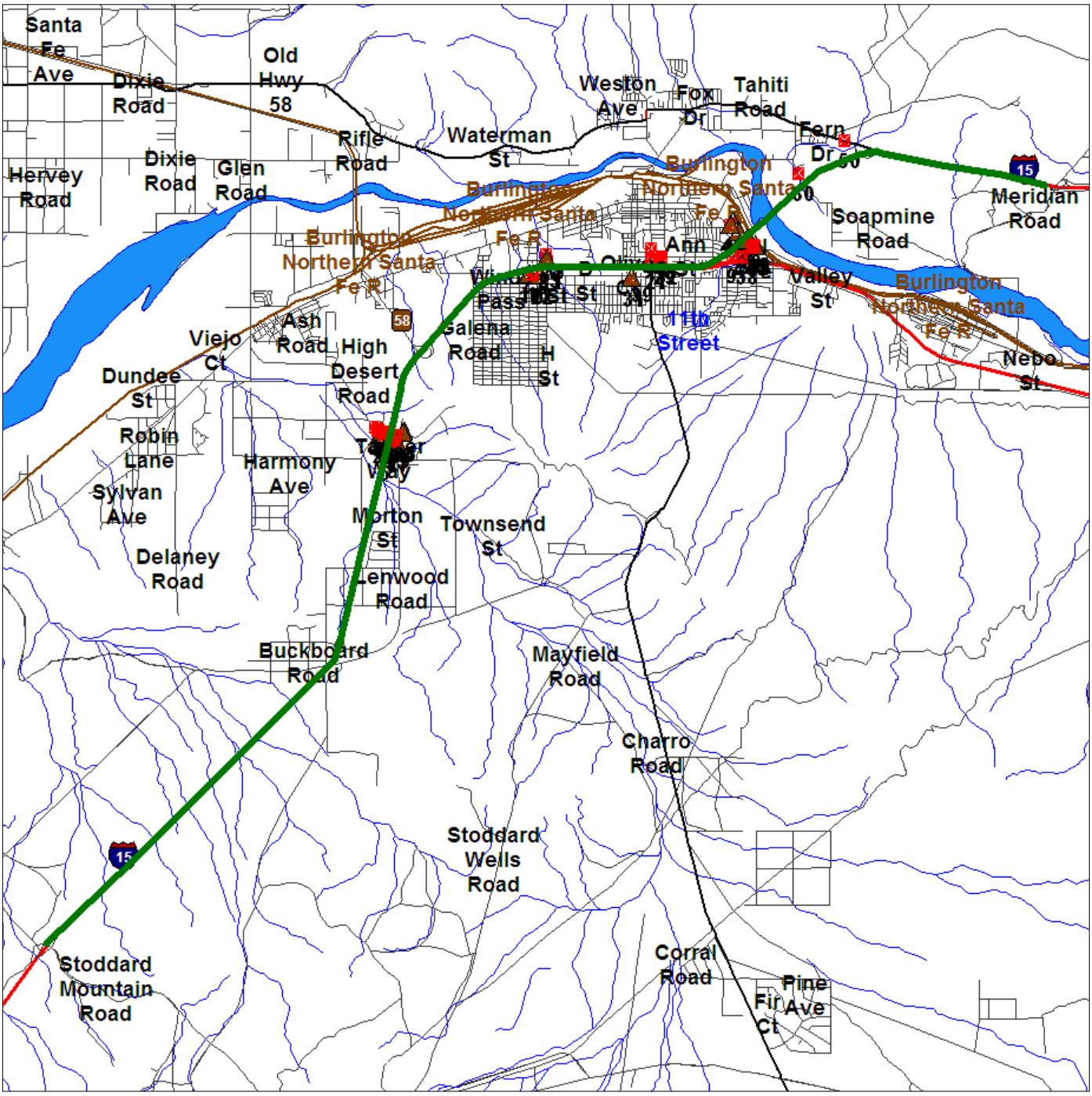
Railroads .....

Environmental FirstSearch

.25 Mile Radius from Line

LINEAR: Multiple Databases

, BARSTOW CA 92311



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

TRACK ➤ INFO SERVICES, LLC

Environmental FirstSearch™ Report

TARGET PROPERTY:

SEGMENT 5

JEAN NV 89019

Job Number: SEG5

PREPARED FOR:

Ninyo and Moore

475 Goddard Ave. Suite 200

Irvine, CA 92618

07-06-06

Tel: (866) 664-9981 *Fax: (818) 249-4227*

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Environmental FirstSearch
Search Summary Report

Target Site: SEGMENT 5

JEAN NV 89019

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	04-10-06	0.12	0	0	-	-	-	0	0
CERCLIS	Y	03-08-06	0.12	0	0	-	-	-	0	0
NFRAP	Y	03-08-06	0.12	0	0	-	-	-	0	0
RCRA TSD	Y	04-16-06	0.12	0	0	-	-	-	0	0
RCRA COR	Y	04-16-06	0.12	0	0	-	-	-	0	0
RCRA GEN	Y	04-16-06	0.12	0	0	-	-	-	0	0
ERNS	Y	12-31-05	0.12	1	1	-	-	-	0	2
State Sites	Y	03-31-06	0.12	0	0	-	-	-	0	0
Spills-1990	Y	NA	0.12	0	0	-	-	-	0	0
SWL	Y	06-27-02	0.12	0	0	-	-	-	0	0
REG UST/AST	Y	04-01-06	0.12	0	5	-	-	-	3	8
Leaking UST	Y	03-31-06	0.12	0	0	-	-	-	2	2
- TOTALS -				1	6	0	0	0	5	12

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch
Site Information Report

Request Date:	07-06-06	**Search Type:**	LINEAR
Requestor Name:	Ninyo and Moore	**Job Number:**	SEG5
Standard:	LINEAR		**Filtered Report**

TARGET ADDRESS: SEGMENT 5
JEAN NV 89019

Demographics

Sites:	12	**Non-Geocoded:**	5	**Population:**	NA
Radon:	NA				

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-115.29253	-115:17:33	**Easting:**	654346.842
Latitude:	35.769959	35:46:12	**Northing:**	3959578.776
			Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0.13 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
89124	LAS VEGAS	NV	0.00 --	Y

Services:

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

TOTAL: 12 **GEOCODED:** 7 **NON GEOCODED:** 5 **SELECTED:** 12

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	ERNS	WHISKEY PETE S TEXACO 513616/UNDERGROUND STORAGE	STATELINE & I-15 - T27S, R5 PREMADONNA NV 89019	0.00 --	1
2	ERNS	GOLD STRIKE CASINO MOBIL 571685/FIXED FACILITY	I-15, EXIT 12 JEAN NV 89019	0.01 NW	2
3	UST	NEVADA LANDING HOTEL & CASINO 8-001717/UST	I-15 @ GOODSPRINGS ROAD, . JEAN NV 89019	0.01 NW	2
4	UST	GOLD STRIKE HOTEL & GAMBLING HALL 8-001718/UST	I-15 @ HWY 161 JEAN NV 89019	0.01 NW	2
5	UST	GOLD STRIKE AUTO/TRUCK PLAZA 8-001175/UST	GOODSPRINGS RD, HWY 53 JEAN NV 89019	0.01 NW	2
9	UST	WHISKEY PETE S TEXACO 8-000772/UST	I-15 @ CA/NV BORDER JEAN NV 89019	0.10 SW	3
13	UST	PRIMADONNA UNOCAL 76 8-001163/UST	I-15 AT CA/NV BORDER, AT PR JEAN NV 89019	0.10 SW	3

Environmental FirstSearch
Sites Summary Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

TOTAL: 12 **GEOCODED:** 7 **NON GEOCODED:** 5 **SELECTED:** 12

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
16	LUST	NEVADA DEPARTMENT OF TRANSPORTATIO 8-000855	STATE ROUTE 160 @ MILEPOST MOUNTAIN SPRIN NV 89124	NON GC	
18	LUST	MT. CHARLESTON MAINTENANCE STATION 8-000854	STATE ROUTE 157 LAS VEGAS NV 89124	NON GC	
21	UST	CHEMSTAR - SLOAN FACILITY 8-001470/UST	15 MI SW OF LAS VEGAS ON OL LAS VEGAS NV 89124	NON GC	
22	UST	CHEMSTAR - SLOAN FACILITY AST8-001470/AST	15 MI SW OF LAS VEGAS ON OL LAS VEGAS NV 89124	NON GC	
23	UST	PRIMM TRAVEL CENTER 8-002090/UST	31900 SOUTH LAS VEGAS BLVD. JEAN NV 89019	NON GC	

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

EMERGENCY RESPONSE NOTIFICATION SITE

SEARCH ID: 1 **DIST/DIR:** 0.00 -- **MAP ID:** 1

NAME: WHISKEY PETE S TEXACO
ADDRESS: STATELINE & I-15 - T27S, R59E, SEC 8 NEQTR/SWQTR
PREMADONNA NV 89019
CONTACT:

REV:
ID1: 513616
ID2:
STATUS: UNDERGROUND STORAGE TANK
PHONE:

SPILL INFORMATION
DATE OF SPILL: **TIME OF SPILL:** 0000

PRODUCT RELEASED (1): NOT YET DETERMINED
QUANTITY (1): 0
UNITS (1): UNK

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	**GROUNDWATER:**	NO
LAND:	NO	**FIXED FACILITY:**	NO
WATER:	NO	**OTHER:**	NO

WATERBODY AFFECTED BY RELEASE:

CAUSE OF RELEASE

DUMPING:	NO	**EQUIPMENT FAILURE:**	YES
NATURAL PHENOMENON:	NO	**OPERATOR ERROR:**	NO
OTHER CAUSE:	NO	**TRANSP. ACCIDENT:**	NO
UNKNOWN:	NO		

ACTIONS TAKEN: PLAN TO EXCAVATE AND EVALUATE WHETHER RELEASE OCCURRED - IF SO, WILL FOLLOW WITH REMEDIATION.
RELEASE DETECTION: FAILED LINE PRESSURE TEST & INVENTORY DISCREPANCY SUGGEST FUEL RELEASE. FAILED LINE PRESSURE TEST & INVENTORY DISCREPANCY SUGGEST FUEL RELEASE
MISC. NOTES: PERFORMING ADDITIONAL CHECKS TO DETERMINE WHETHER LEAKS OR GAUGING PROBLEMS EX

DISCHARGER INFORMATION
DISCHARGER ID: 513616 **DUN & BRADSTREET #:**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: WHISKEY PETE S TEXACO
ADDRESS: PO BOX 19119
PREMADONNA NV 89019-9119

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

EMERGENCY RESPONSE NOTIFICATION SITE

SEARCH ID: 2 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: GOLD STRIKE CASINO MOBIL
ADDRESS: I-15, EXIT 12
JEAN NV 89019
CONTACT:

REV: 3/14/98
ID1: 571685
ID2:
STATUS: FIXED FACILITY
PHONE:

SPILL INFORMATION

DATE OF SPILL: 3/14/1998 **TIME OF SPILL:** 1100

PRODUCT RELEASED (1): OIL: DIESEL
QUANTITY (1): 20
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR: NO **GROUNDWATER:** NO
LAND: YES **FIXED FACILITY:** NO
WATER: NO **OTHER:** NO
WATERBODY AFFECTED BY RELEASE: DIRT BEHIND THE STATION

CAUSE OF RELEASE

DUMPING: NO **EQUIPMENT FAILURE:** NO
NATURAL PHENOMENON: NO **OPERATOR ERROR:** NO
OTHER CAUSE: NO **TRANSP. ACCIDENT:** NO
UNKNOWN: NO

ACTIONS TAKEN: APPARENTLY THE CUSTOMER MISTAKENLY PUMPED DIESEL FUEL INTO HIS VEHICLE AND THE STORE MANAGER ADVISED HIM TO DUMP THE FUEL BEHIND THE STATION.
RELEASE DETECTION: REPORTING PARTY INDICATES MR. HUMPHERY DIRECTED A CUSTOMER TO DRAIN APPROXIMATELY 20 GAL OF DIESEL FUEL ONTO DIRT BEHIND MOBIL STATION.
MISC. NOTES: THE FUEL WAS DUMPED APPROX. 20 YARDS NORTH OF THE STATION PAVEMENT.

DISCHARGER INFORMATION

DISCHARGER ID: 571685 **DUN & BRADSTREET #:**
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: GOLD STRIKE CASINO MOBIL
ADDRESS: I-15, EXIT 12
JEAN NV 89019

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 7 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: NEVADA LANDING HOTEL & CASINO
ADDRESS: I-15 @ GOODSPRINGS ROAD, .
JEAN NV 89019
CONTACT: NEVADA LANDING HOTEL & CASINO

REV: 04/01/06
ID1: 8-001717
ID2:
STATUS: UST
PHONE: (702) 387-5000

OWNER: *NEVADA LANDING HOTEL & CASINO*
OWNER ADDRESS: *PO BOX 19278*
JEAN NV 89019
OWNER DESCRIPTION: *Private*

TANK ID: *1*
DATE INSTALLED: *7/1/1989*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *2000*

TANK MATERIAL: *Asphalt Coated or Bare Steel*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Bare Steel*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 6 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: GOLD STRIKE HOTEL & GAMBLING HALL
ADDRESS: I-15 @ HWY 161
JEAN NV 89019

CONTACT: GOLD STRIKE HOTEL & GAMBLING HALL

REV: 04/01/06
ID1: 8-001718
ID2:
STATUS: UST
PHONE: (702) 477-5000

OWNER: *GOLD STRIKE HOTEL & GAMBLING HALL*
OWNER ADDRESS: *PO BOX 19278, PO BOX 19278*
JEAN NV 89019
OWNER DESCRIPTION: *Private*

TANK ID: *1*
DATE INSTALLED: *11/I/1987*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *1000*

TANK MATERIAL: *Asphalt Coated or Bare Steel*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Bare Steel*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 5 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: GOLD STRIKE AUTO/TRUCK PLAZA
ADDRESS: GOODSPRINGS RD, HWY 53
JEAN NV 89019
CONTACT: MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &

REV: 04/01/06
ID1: 8-001175
ID2:
STATUS: UST
PHONE: (702) 477-5000

OWNER: *MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &*
OWNER ADDRESS: *NEVADA LANDING SHEL, P.O. BOX 19278*
JEAN NV 89019
OWNER DESCRIPTION: *Not Listed*

TANK ID: *1*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *2*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *3*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 5 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: GOLD STRIKE AUTO/TRUCK PLAZA
ADDRESS: GOODSPRINGS RD, HWY 53
JEAN NV 89019
CONTACT: MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &

REV: 04/01/06
ID1: 8-001175
ID2:
STATUS: UST
PHONE: (702) 477-5000

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *4*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *5*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *6*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 5 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME: GOLD STRIKE AUTO/TRUCK PLAZA
ADDRESS: GOODSPRINGS RD, HWY 53
JEAN NV 89019
CONTACT: MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &

REV: 04/01/06
ID1: 8-001175
ID2:
STATUS: UST
PHONE: (702) 477-5000

None

TANK ID: *7*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *8*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *9*
DATE INSTALLED: *1/1/1988*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 5 **DIST/DIR:** 0.01 NW **MAP ID:** 2

NAME:	GOLD STRIKE AUTO/TRUCK PLAZA	**REV:**	04/01/06
ADDRESS:	GOODSPRINGS RD, HWY 53	**ID1:**	8-001175
	JEAN NV 89019	**ID2:**	
		STATUS:	UST
CONTACT:	MGM MIRAGE INC DBA GOLD STRIKE AUTO/ TRUCK PLAZA &	**PHONE:**	(702) 477-5000

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: WHISKEY PETE S TEXACO
ADDRESS: I-15 @ CA/NV BORDER
JEAN NV 89019
CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-000772
ID2:
STATUS: UST
PHONE: (702) 382-1212

OWNER: *THE PRIMADONNA COMPANY LLC (MGM)*
OWNER ADDRESS: *ATTN JON ASHMEN, PO BOX 19119*
JEAN NV 89019
OWNER DESCRIPTION: *Commercial*

TANK ID: *1*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *10*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Lined Interior

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *11*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Lined Interior

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: WHISKEY PETE S TEXACO
ADDRESS: I-15 @ CA/NV BORDER
JEAN NV 89019
CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-000772
ID2:
STATUS: UST
PHONE: (702) 382-1212

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *2*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *3*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *4*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: WHISKEY PETE S TEXACO
ADDRESS: I-15 @ CA/NV BORDER
JEAN NV 89019
CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-000772
ID2:
STATUS: UST
PHONE: (702) 382-1212

Double-Walled

TANK ID: *5*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *6*
DATE INSTALLED: *11/1/1992*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *7*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *5000*

TANK MATERIAL: *Composite (Steel w/ FRP)*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 4 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: WHISKEY PETE S TEXACO
ADDRESS: I-15 @ CA/NV BORDER
JEAN NV 89019

CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-000772
ID2:
STATUS: UST
PHONE: (702) 382-1212

TANK ID: *8*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Lined Interior

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *9*
DATE INSTALLED: *5/7/1981*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *10000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Lined Interior

PIPE MODIFICATION DESCRIPTION:
None

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 3 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: PRIMADONNA UNOCAL 76
ADDRESS: I-15 AT CA/NV BORDER, AT PRIMADONNA HOTEL & CASINO
JEAN NV 89019
CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-001163
ID2:
STATUS: UST
PHONE: (702) 382-1212

OWNER: *THE PRIMADONNA COMPANY LLC (MGM)*
OWNER ADDRESS: *ATTN JON ASHMEN, PO BOX 19119*
JEAN NV 89019
OWNER DESCRIPTION: *Commercial*

TANK ID: *1*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *2*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *3*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 3 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: PRIMADONNA UNOCAL 76
ADDRESS: I-15 AT CA/NV BORDER, AT PRIMADONNA HOTEL & CASINO
JEAN NV 89019
CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-001163
ID2:
STATUS: UST
PHONE: (702) 382-1212

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *4*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *5*
DATE INSTALLED: *2/1/1991*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *6*
DATE INSTALLED: *10/1/1996*
TANK STATUS: *Currently in Use*
TANK CAPACITY: *12000*

TANK MATERIAL: *Epoxy Coated Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 3 **DIST/DIR:** 0.10 SW **MAP ID:** 3

NAME: PRIMADONNA UNOCAL 76
ADDRESS: I-15 AT CA/NV BORDER, AT PRIMADONNA HOTEL & CASINO
JEAN NV 89019

CONTACT: THE PRIMADONNA COMPANY LLC (MGM)

REV: 04/01/06
ID1: 8-001163
ID2:
STATUS: UST
PHONE: (702) 382-1212

None

TANK ID: *7*
DATE INSTALLED: *1/1/1992*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *1000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

PIPE MODIFICATION DESCRIPTION:
Double-Walled

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 12 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEVADA DEPARTMENT OF TRANSPORTATION
ADDRESS: STATE ROUTE 160 @ MILEPOST 21.30
MOUNTAIN SPRINGS NV 89124

CONTACT:

REV: 04/30/05
ID1: 8-000855
ID2:
STATUS:
PHONE:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP:
Activity Type:

Type of Media Impacted:
Type of Container
From Which Release Occurred
Substance Released:
Description of Contaminant:

Date of Last Action:
Last Action Agency Memo:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP:
Activity Type:

Type of Media Impacted: *Soil & GW*
Type of Container
From Which Release Occurred
Substance Released:
Description of Contaminant:

Date of Last Action:
Last Action Agency Memo:

Date of Next Action:
Next Action Memo:
Date of Closure: *05/10/1995*
Regulatory Type of Closure:

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address: ,

Date of Next Action:
Next Action Memo:
Date of Closure: *10/12/1994*
Regulatory Type of Closure:

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address: ,

AGENCY TRACKING INFORMATION
Petroleum Fund ID Number:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 12 **DIST/DIR:** NON GC **MAP ID:**

NAME: NEVADA DEPARTMENT OF TRANSPORTATION
ADDRESS: STATE ROUTE 160 @ MILEPOST 21.30
MOUNTAIN SPRINGS NV 89124

CONTACT:

REV: 04/30/05
ID1: 8-000855
ID2:
STATUS:
PHONE:

NDEP Case Officer: *ksulliva*
Location of Paper File: *NDEP: Carson City*
State Div of Emergency Management Tracking Number

Company of Nevada Certified Manager Conducting Cleanup:
Phone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity: *12/10/1998*
Last NDEP User to Modify a Discrete Activity: *LPETERSO*

AGENCY TRACKING INFORMATION
Petroleum Fund ID Number:
NDEP Case Officer: *CCHD*
Location of Paper File: *CCHD: Las Vegas*
State Div of Emergency Management Tracking Number

Company of Nevada Certified Manager Conducting Cleanup:
Phone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity: *12/10/1998*
Last NDEP User to Modify a Discrete Activity: *LPETERSO*

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 11 **DIST/DIR:** NON GC **MAP ID:**

NAME: MT. CHARLESTON MAINTENANCE STATION
ADDRESS: STATE ROUTE 157
LAS VEGAS NV 89124
CONTACT:

REV: 04/30/05
ID1: 8-000854
ID2:
STATUS:
PHONE:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP: *01/24/1994*
Activity Type:

Type of Media Impacted: *Soil*
Type of Container
From Which Release Occurred *UST*
Substance Released:
Description of Contaminant: *Overfill*

Date of Last Action:
Last Action Agency Memo:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP: *06/22/1999*
Activity Type:

Type of Media Impacted: *Soil*
Type of Container
From Which Release Occurred *UST*
Substance Released:
Description of Contaminant: *Overfill*

Date of Last Action:
Last Action Agency Memo:

RELEASE INFORMATION
Discrete Releases at Facility:
Date Release Reported to NDEP: *03/10/1998*
Activity Type:

Type of Media Impacted: *Soil*
Type of Container
From Which Release Occurred *UST*
Substance Released:
Description of Contaminant: *Overfill*

Date of Last Action:
Last Action Agency Memo:

Date of Next Action:
Next Action Memo:
Date of Closure: *05/24/1999*
Regulatory Type of Closure: *NAC 459 A-K*

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address: ,

- Continued on next page -

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 11 **DIST/DIR:** NON GC **MAP ID:**

NAME: MT. CHARLESTON MAINTENANCE STATION
ADDRESS: STATE ROUTE 157
LAS VEGAS NV 89124
CONTACT:

REV: 04/30/05
ID1: 8-000854
ID2:
STATUS:
PHONE:

Date of Next Action:
Next Action Memo:
Date of Closure: *07/15/1999*
Regulatory Type of Closure: *NAC 459 A-K*

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address: ,

Date of Next Action:
Next Action Memo:
Date of Closure: *10/14/1994*
Regulatory Type of Closure: *NAC 459 A-K*

RESPONSIBLE PARTY INFORMATION (if available)
Responsible Party Name:
Responsible Party Company:
Responsible Party Address: ,

AGENCY TRACKING INFORMATION
Petroleum Fund ID Number:
NDEP Case Officer: *CCHD*
Location of Paper File: *NDEP: Las Vegas*
State Div of Emergency Management Tracking Number *990622-0001*

Company of Nevada Certified Manager Conducting Cleanup:
Phone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity: *5/25/1999*
Last NDEP User to Modify a Discrete Activity: *ARUSHANA*

AGENCY TRACKING INFORMATION
Petroleum Fund ID Number:
NDEP Case Officer: *arushana*
Location of Paper File: *NDEP: Las Vegas*
State Div of Emergency Management Tracking Number *990622-0001*

Company of Nevada Certified Manager Conducting Cleanup:
Pbone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity: *5/25/1999*
Last NDEP User to Modify a Discrete Activity: *ARUSHANA*

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 11 **DIST/DIR:** NON GC **MAP ID:**

NAME: MT. CHARLESTON MAINTENANCE STATION
ADDRESS: STATE ROUTE 157
LAS VEGAS NV 89124

CONTACT:

REV: 04/30/05
ID1: 8-000854
ID2:
STATUS:
PHONE:

AGENCY TRACKING INFORMATION

Petroleum Fund ID Number:	
NDEP Case Officer:	*arushana*
Location of Paper File:	*NDEP: Las Vegas*
State Div of Emergency Management Tracking Number	*990622-0001*

Company of Nevada Certified Manager Conducting Cleanup:
Phone Number of Certified Manager Conduction Cleanup:
Name of Certified Manager Conducting Cleanup:
Address of Certified Manager Conducting Cleanup: ,

Last Modification of the Discrete Activity:	*5/25/1999*
Last NDEP User to Modify a Discrete Activity:	*ARUSHANA*

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 10 **DIST/DIR:** NON GC **MAP ID:**

NAME: CHEMSTAR - SLOAN FACILITY
ADDRESS: 15 MI SW OF LAS VEGAS ON OLD, SLOAN RD
LAS VEGAS NV 89124
CONTACT: CHEMICAL LIME CO

REV: 04/01/06
ID1: 8-001470
ID2:
STATUS: UST
PHONE: (702) 643-7702

OWNER: *CHEMICAL LIME CO*
OWNER ADDRESS: *PO BOX 3609*
NORTH LAS VEGAS NV 89036
OWNER DESCRIPTION: *Commercial*

TANK ID: *1*
DATE INSTALLED: *1/1/1966*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *1000*

TANK MATERIAL: *Asphalt Coated or Bare Steel*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Bare Steel*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

TANK ID: *2*
DATE INSTALLED: *1/1/1980*
TANK STATUS: *Permanently Out of Use*
TANK CAPACITY: *8800*

TANK MATERIAL: *Not Listed*
SUBSTANCE DESCRIPTION: *Other*
PIPE MATERIAL: *Not Listed*

TANK MODIFICATIONS DESCRIPTION:
None

PIPE MODIFICATION DESCRIPTION:
None

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 9 **DIST/DIR:** NON GC **MAP ID:**

NAME:	CHEMSTAR - SLOAN FACILITY	**REV:**	10/11/99
ADDRESS:	15 MI SW OF LAS VEGAS ON OLD SLOAN RD LAS VEGAS NV 89124	**ID1:**	AST8-001470
		ID2:	
		STATUS:	AST
CONTACT:	CHEMICAL LIME CO	**PHONE:**	(702) 643-770

OWNER:	*CHEMICAL LIME CO*
OWNER ADDRESS:	*PO BOX 3609* *NORTH LAS VEGAS NV 89036*
OWNER DESCRIPTION:	*Commercial*
TANK STATUS:	*Permanently Out of Us*
SUBSTANCE STORED:	*Other*
TANK CAPACITY:	*8800*

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 8 **DIST/DIR:** NON GC **MAP ID:**

NAME: PRIMM TRAVEL CENTER
ADDRESS: 31900 SOUTH LAS VEGAS BLVD.
JEAN NV 89019
CONTACT: PRIMADONNA CASINO RESORTS

REV: 04/01/06
ID1: 8-002090
ID2:
STATUS: UST
PHONE: (702) 792-4600

OWNER: *PRIMADONNA CASINO RESORTS*
OWNER ADDRESS: *31900 SOUTH LAS VEGAS BLVD.*
JEAN NV 89019
OWNER DESCRIPTION: *Private*

TANK ID: *1*
DATE INSTALLED: *8/17/2001*
TANK STATUS: *Currently In Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *2*
DATE INSTALLED: *8/17/2001*
TANK STATUS: *Currently In Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *3*
DATE INSTALLED: *8/17/2001*
TANK STATUS: *Currently In Use*
TANK CAPACITY: *25000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Gasoline*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: SEGMENT 5
JEAN NV 89019

JOB: SEG5

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 8 **DIST/DIR:** NON GC **MAP ID:**

NAME: PRIMM TRAVEL CENTER
ADDRESS: 31900 SOUTH LAS VEGAS BLVD.
JEAN NV 89019
CONTACT: PRIMADONNA CASINO RESORTS

REV: 04/01/06
ID1: 8-002090
ID2:
STATUS: UST
PHONE: (702) 792-4600

PIPE MODIFICATION DESCRIPTION:
Double-Walled

TANK ID: *4*
DATE INSTALLED: *8/17/2001*
TANK STATUS: *Currently In Use*
TANK CAPACITY: *15000*

TANK MATERIAL: *Fiberglass Reinforced Plastic*
SUBSTANCE DESCRIPTION: *Diesel*
PIPE MATERIAL: *Fiberglass Reinforced Plastic*

TANK MODIFICATIONS DESCRIPTION:
Double-Walled

PIPE MODIFICATION DESCRIPTION:
Double-Walled

Environmental FirstSearch Database Descriptions

NPL: ***EPA*** NATIONAL PRIORITY LIST - Database of confirmed, proposed or deleted Superfund sites.

CERCLIS: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM - Database of current and potential Superfund sites currently or previously under investigation.

NFRAP: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This 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 a potential NPL site.

RCRA TSD: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of facilities licensed to store, treat and dispose of hazardous waste materials.

RCRA COR: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of RCRA facilities with reported violations and subject to corrective actions.

RCRA GEN: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities that generate or transport hazardous waste or meet other RCRA requirements.LGN - Large Quantity GeneratorsSGN - Small Quantity GeneratorsVGN – Conditionally Exempt Generator.Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

ERNS: ***EPA/NRC*** EMERGENCY RESPONSE NOTIFICATION SYSTEM - Database of emergency response actions. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

STATE SITES: ***NV DOC*** CORRECTIVE ACTION CASES- The Bureau of Corrective Actions maintains a list of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. This includes various types of sites including those regulated under Nevada State legislation described in detail in the Nevada State web site under legislation section NAC445.226-NAC445.2739.

STATE SITES: ***NV DOC*** CORRECTIVE ACTION CASES- The Bureau of Corrective Actions maintains a list of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. This includes various types of sites including those regulated under Nevada State legislation

described in detail in the Nevada State web site under legislation section NAC445.226-NAC445.2739.

SWL: ***NV DOC*** SOLID WASTE LANDFILLS-This division maintains an inventory of various solid waste facilities including open, closed, & permitted landfills, dumps, pesticide sites, and transfer stations. The inventory notes landfill class type and if the site is a private or government facility.

SWL: ***NV DOC*** SOLID WASTE LANDFILLS-This division maintains an inventory of various solid waste facilities including open, closed, & permitted landfills, dumps, pesticide sites, and transfer stations. The inventory notes landfill class type and if the site is a private or government facility.

REG UST/AST: ***NV DOC/EPA 9*** UNDERGROUND STORAGE TANKS- This division maintains an inventory of underground storage tanks.INDIAN LANDS UST LIST-A listing of underground storage tanks currently on Indian lands under federal jurisdiction. Nevada Indian Lands USTs are administered by US EPA Region 9.ABOVE GROUND STORAGE TANKS- This division maintains an inventory of sites with above ground storage tanks. For more information regarding specific sites, please call the number listed above.Please Note: AST sites are listed within the UST area of the First Search reports. They can be identified as AST sites by the site ID number. The site ID number islocated in the Site Summary or Site Details section of the report. The site ID notes "AST" before the agency id.

REG UST/AST: ***NV DOC/EPA 9*** UNDERGROUND STORAGE TANKS- This division maintains an inventory of underground storage tanks.INDIAN LANDS UST LIST-A listing of underground storage tanks currently on Indian lands under federal jurisdiction. Nevada Indian Lands USTs are administered by US EPA Region 9.ABOVE GROUND STORAGE TANKS- This division maintains an inventory of sites with above ground storage tanks. For more information regarding specific sites, please call the number listed above.Please Note: AST sites are listed within the UST area of the First Search reports. They can be identified as AST sites by the site ID number. The site ID number islocated in the Site Summary or Site Details section of the report. The site ID notes "AST" before the agency id.

LEAKING UST: ***NV DOC*** LEAKING UNDERGROUND STORAGE TANKS- This division maintains an inventory of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed.WASHOE COUNTY LEAKING UNDERGROUND STORAGE TANKS- This department maintains a list of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed or needing emergency action.

LEAKING UST: ***NV DOC*** LEAKING UNDERGROUND STORAGE TANKS- This division maintains an inventory of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed.WASHOE COUNTY LEAKING UNDERGROUND STORAGE TANKS- This department maintains a list of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed or needing emergency action.

RADON: ***NTIS*** NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

Environmental FirstSearch Database Sources

NPL: ***EPA*** Environmental Protection Agency

Updated quarterly

CERCLIS: ***EPA*** Environmental Protection Agency

Updated quarterly

NFRAP: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA TSD: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA COR: ***EPA*** Environmental Protection Agency.

Updated quarterly

RCRA GEN: ***EPA*** Environmental Protection Agency.

Updated quarterly

ERNS: ***EPA/NRC*** Environmental Protection Agency

Updated semi-annually

STATE SITES: ***NV DOC*** The Nevada Department of Conservation and Natural Resources,Division of Environmental Protection (NDEP), Bureau of CorrectiveActions

Updated quarterly/when available

STATE SITES: ***NV DOC*** The Nevada Department of Conservation and Natural Resources,Division of Environmental Protection (NDEP), Bureau of CorrectiveActions

Updated quarterly/when available

SWL: ***NV DOC*** The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions

Updated annually/when available

SWL: ***NV DOC*** The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions

Updated annually/when available

REG UST/AST: ***NV DOC/EPA 9*** The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions
Phone: (775) 687-4670
US EPA Region 9, Underground Storage Tank Program

Updated quarterly/when available

REG UST/AST: ***NV DOC/EPA 9*** The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions
Phone: (775) 687-4670
US EPA Region 9, Underground Storage Tank Program

Updated quarterly/when available

LEAKING UST: ***NV DOC*** The Nevada Department of Conservation and Natural Resources,Division of Environmental Protection (NDEP), Bureau of CorrectiveActions
Phone: (775) 687-4670
Washoe County Department of Environmental Health

Updated quarterly/when available

LEAKING UST: ***NV DOC*** The Nevada Department of Conservation and Natural Resources,Division of Environmental Protection (NDEP), Bureau of CorrectiveActions
Phone: (775) 687-4670
Washoe County Department of Environmental Health

Updated quarterly/when available

RADON: ***NTIS*** Environmental Protection Agency, National Technical Information Services

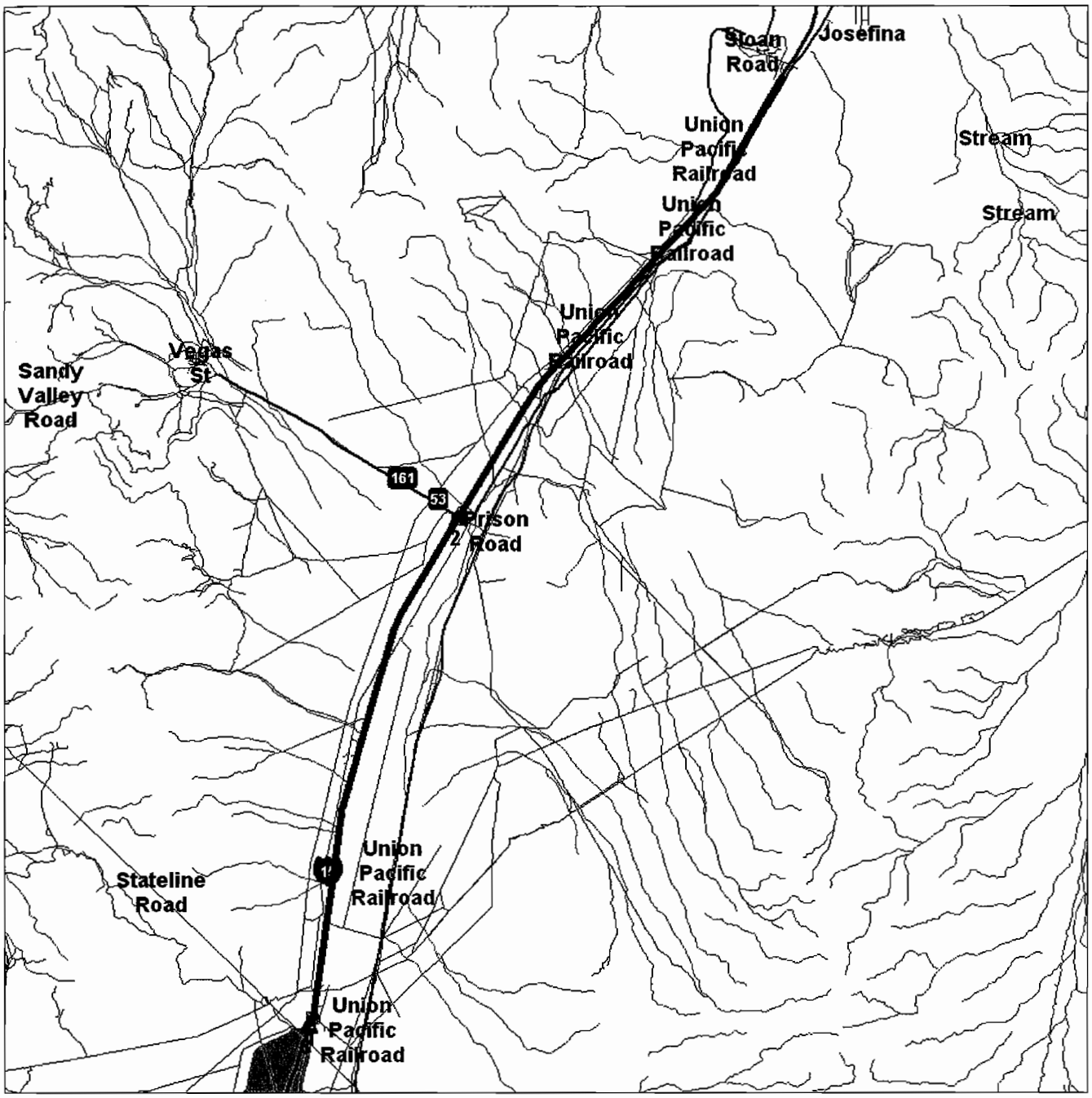
Updated periodically

Environmental FirstSearch

1 Mile Radius from Line

Single Map:

SEGMENT 5 , JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste

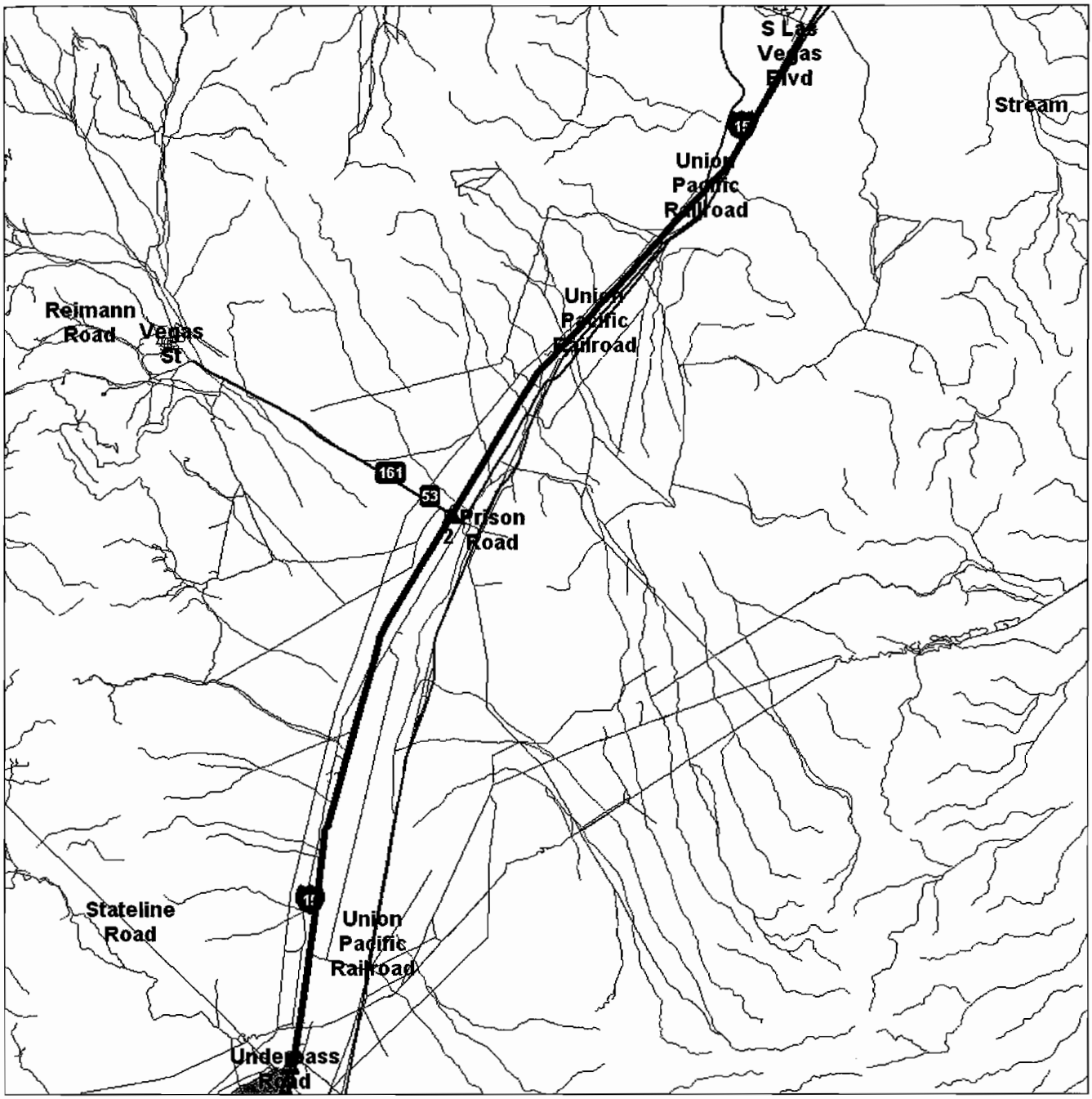
Railroads .....

Environmental FirstSearch

.12 Mile Radius from Line

LINEAR: Multiple Databases

SEGMENT 5 , JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste

Railroads .....

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APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

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SEGMENT 2, OPTION C

Photograph No. 1: **Looking west at the southbound I-15 median, just west of Fort Irwin Road in the northern portion of the site.**

Photograph No. 2: **Looking west at vacant land north of Barstow, California.**

Photograph No. 3: **Looking southwest at the southbound I-15 median, just north of Barstow, California.**

Photograph No. 4: **Looking southeast at the Mojave Riverbed wash in Barstow, California.**

Photograph No. 5: **Looking at southbound I-15 median, at Muriel Drive overpass.**

Photograph No. 6: **Looking north at the Barstow Road exit. Chevron gasoline station (2C-7) can be seen in the background.**

Photograph No. 7: **Looking south at southbound I-15 median, Valero gasoline station can be seen in the background.**

Photograph No. 8: **Looking south at the I-15 median and residential properties in Barstow, California.**

Photograph No. 9: **Looking north at vacant undeveloped land north of Barstow, California.**

Photograph No. 10: **Looking northwest at the 58-Freeway exit from the I-15, northwest of Barstow, California.**

Photograph No. 11: **Looking south at southbound I-15 just north of Lenwood, California.**

Photograph No. 12: **Looking northeast at the Lenwood Road exit, in Lenwood, California. The Chevron gasoline station (2C-3) can be seen in the background.**

Photograph No. 13: **Looking east at the I-15 median, beyond which the Tanger Outlet Center can be seen.**

Photograph No. 14: **Looking east at vacant undeveloped land south of Lenwood, California.**

Photograph No. 15: **Looking west at vacant undeveloped land south of Lenwood, California.**

Photograph No. 16: **Looking southwest at the southbound I-15 median, south of Lenwood, California.**

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SLOAN SUBSTATION

Photograph No. 1: **Looking southwest at the site.**

Photograph No. 2: **Looking southwest at the site.**

Photograph No. 3: **Looking north away from the site. I-15 can be seen in the background.**

Photograph No. 4: **Looking northeast away from the site.**

Photograph No. 5: **Looking east away from the site.**

Photograph No. 6: **Looking south away from the site.**

Photograph No. 7: **Looking southwest at area just south of the site.**

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APPENDIX C

RELEVANT SITE INFORMATION

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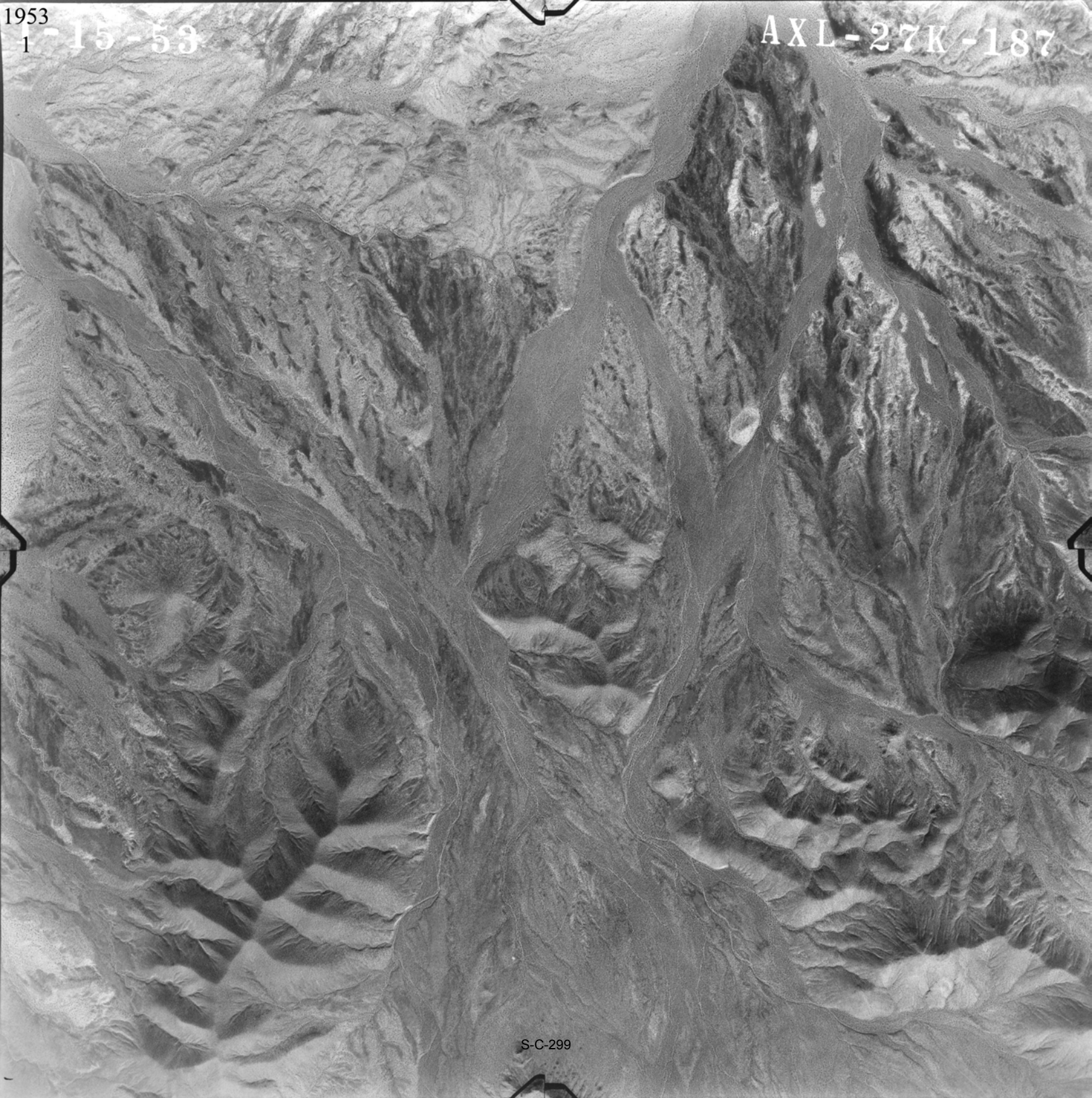

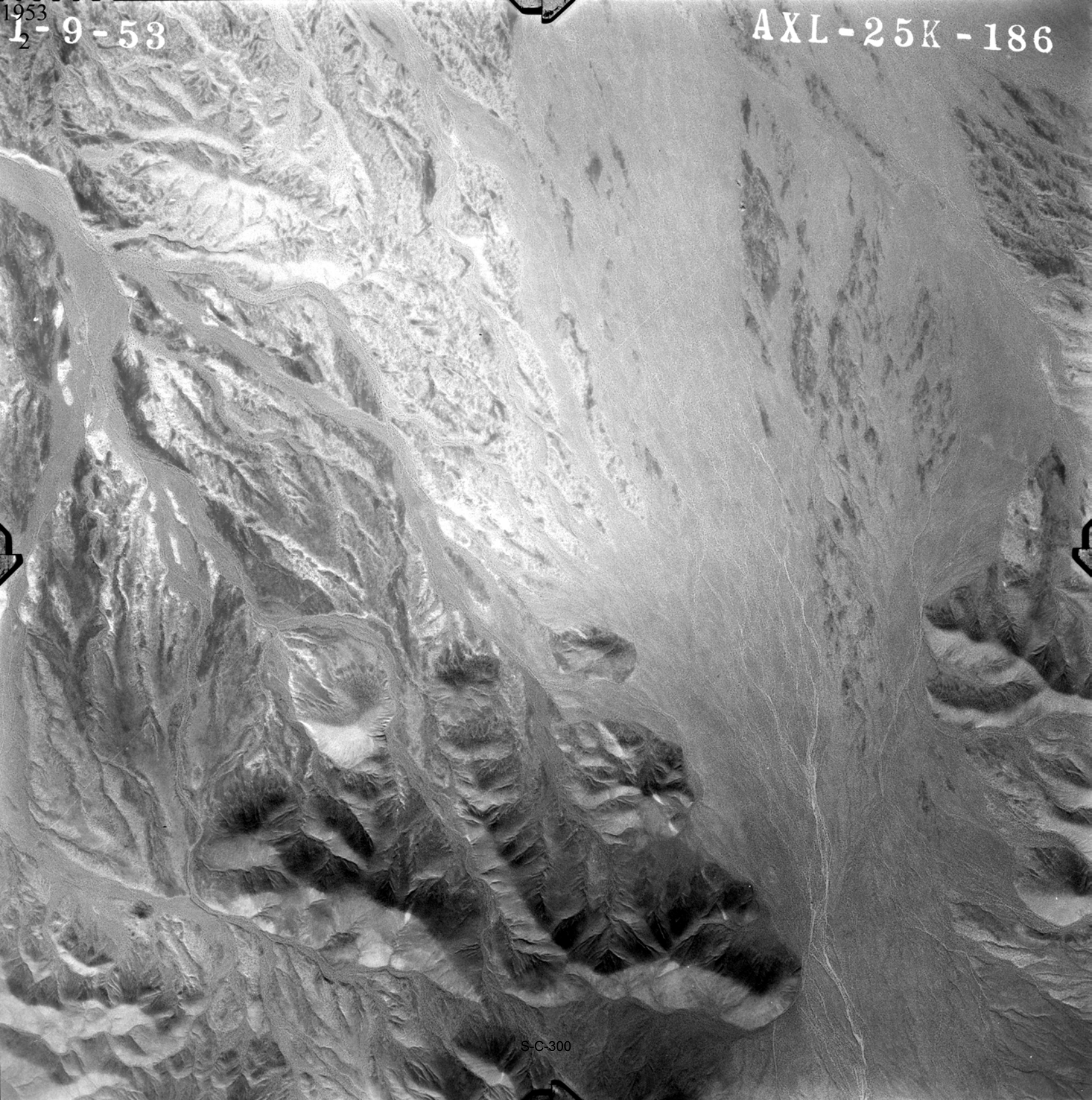
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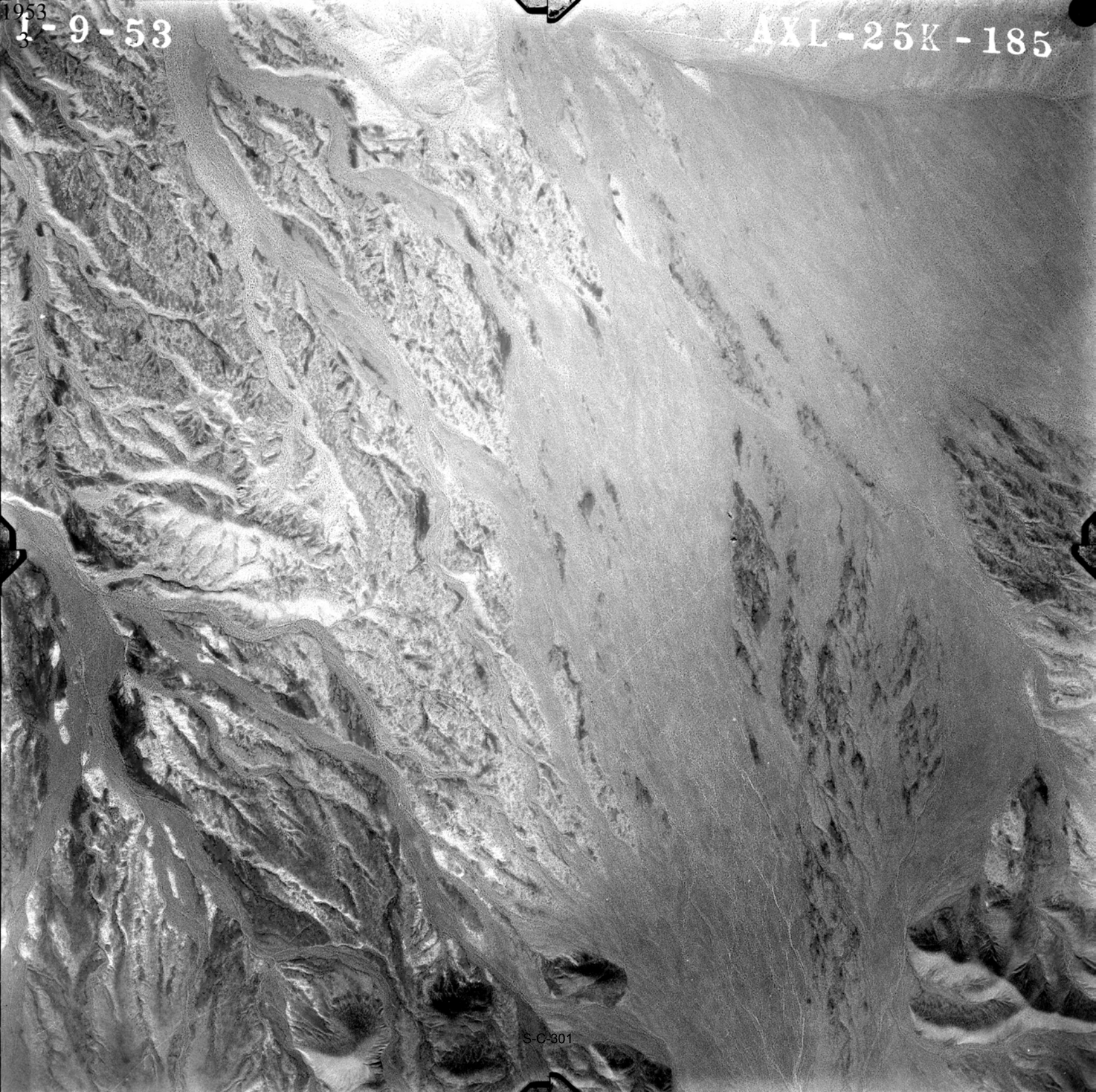
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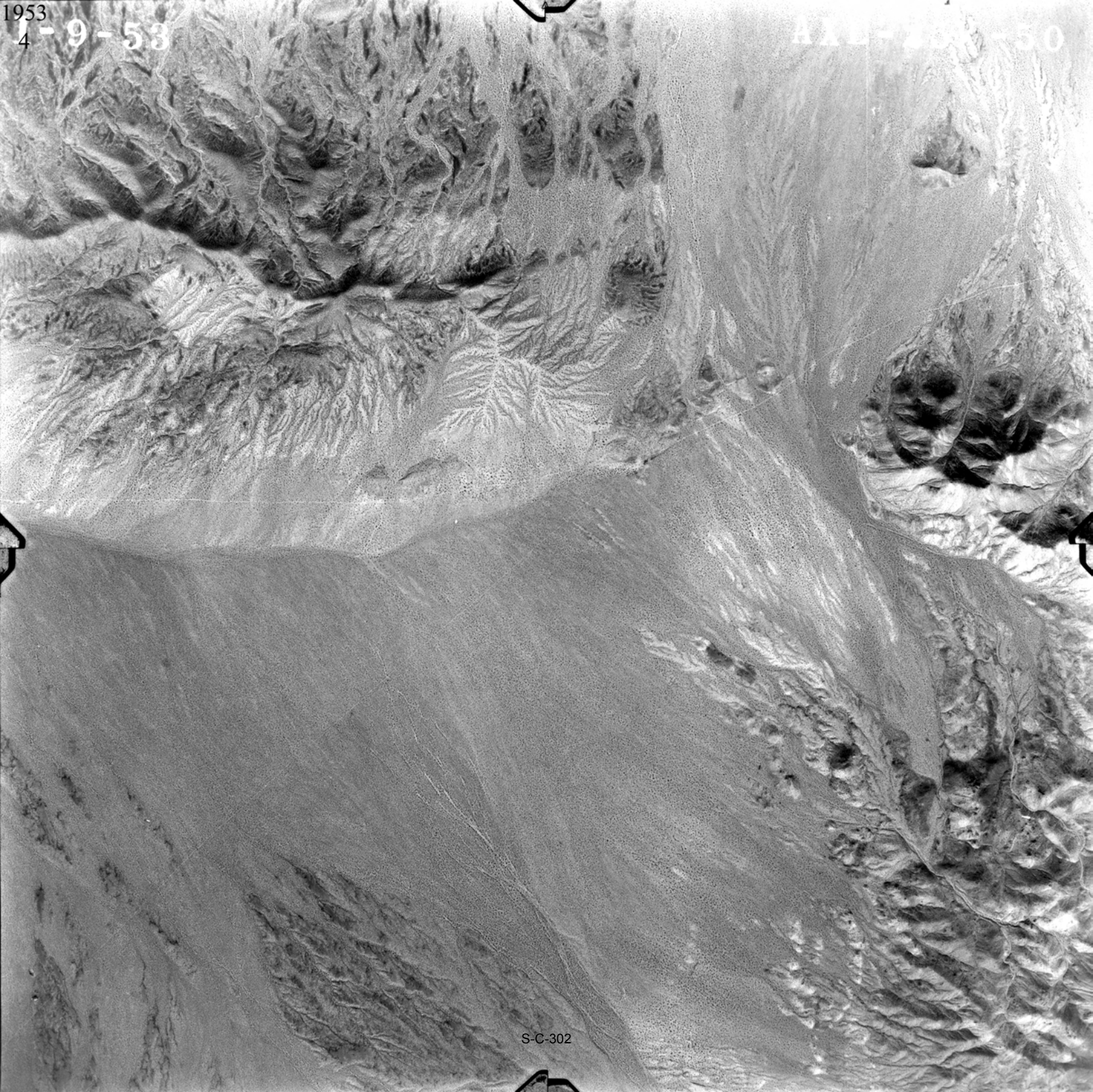

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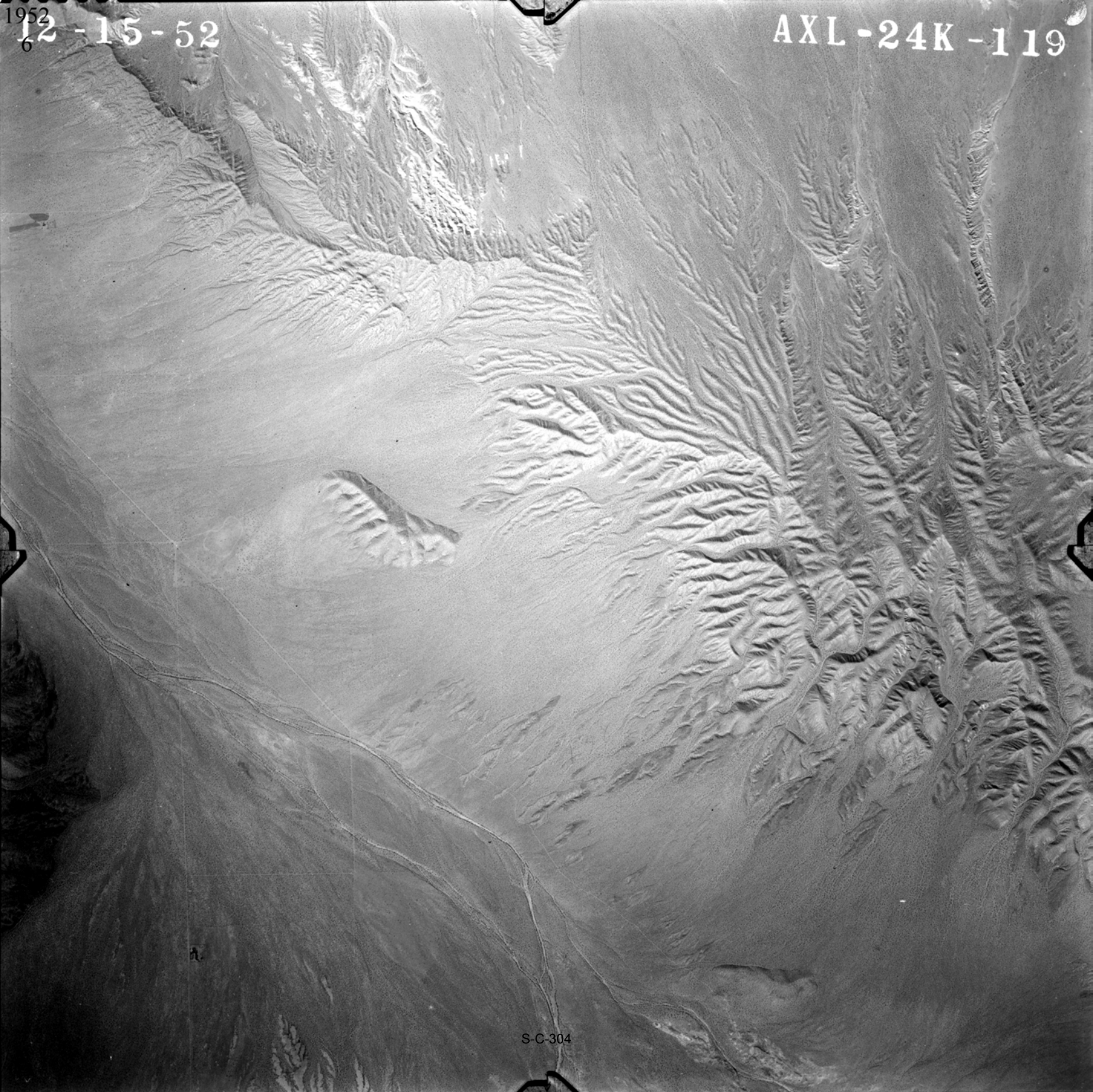
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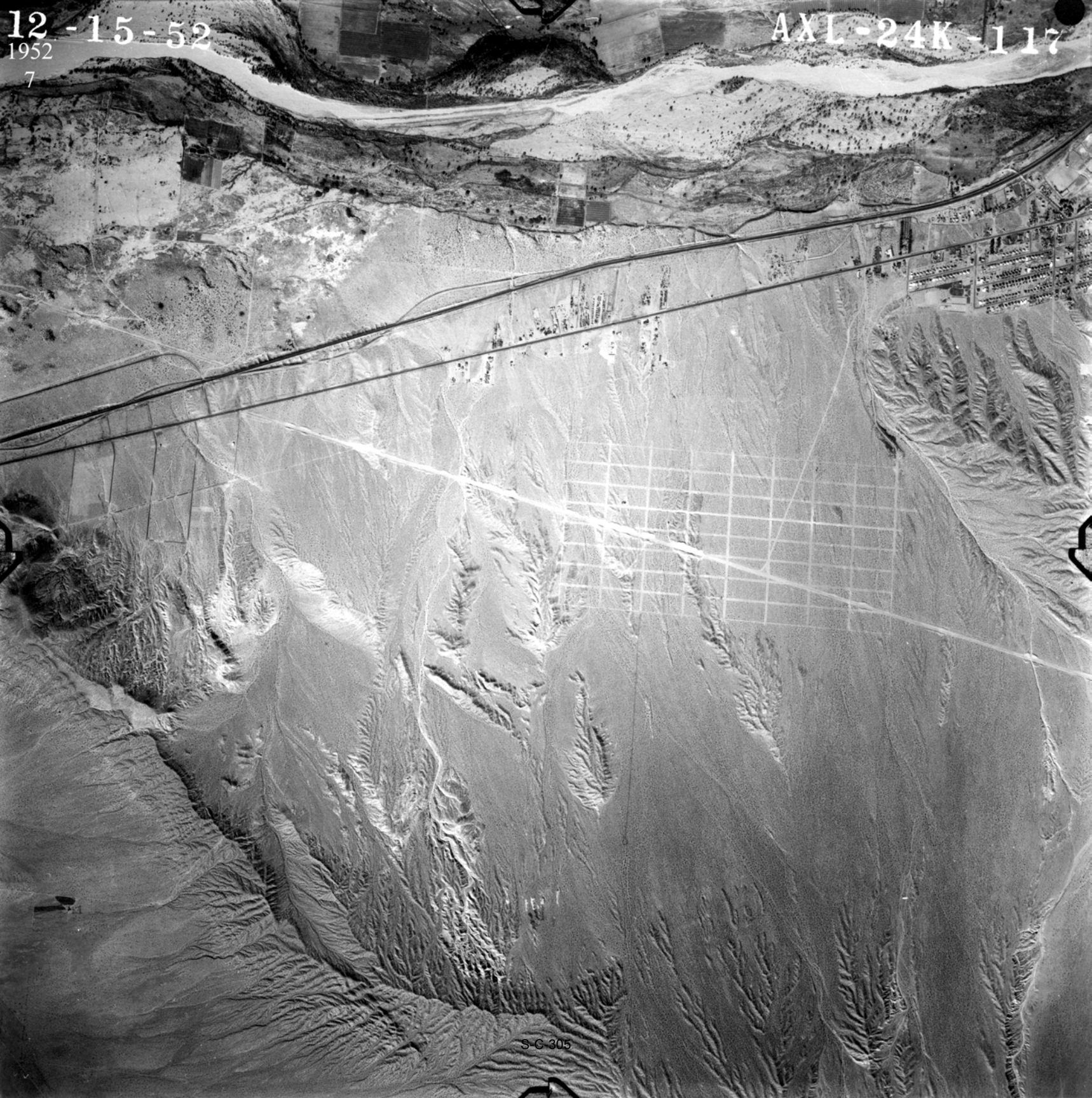
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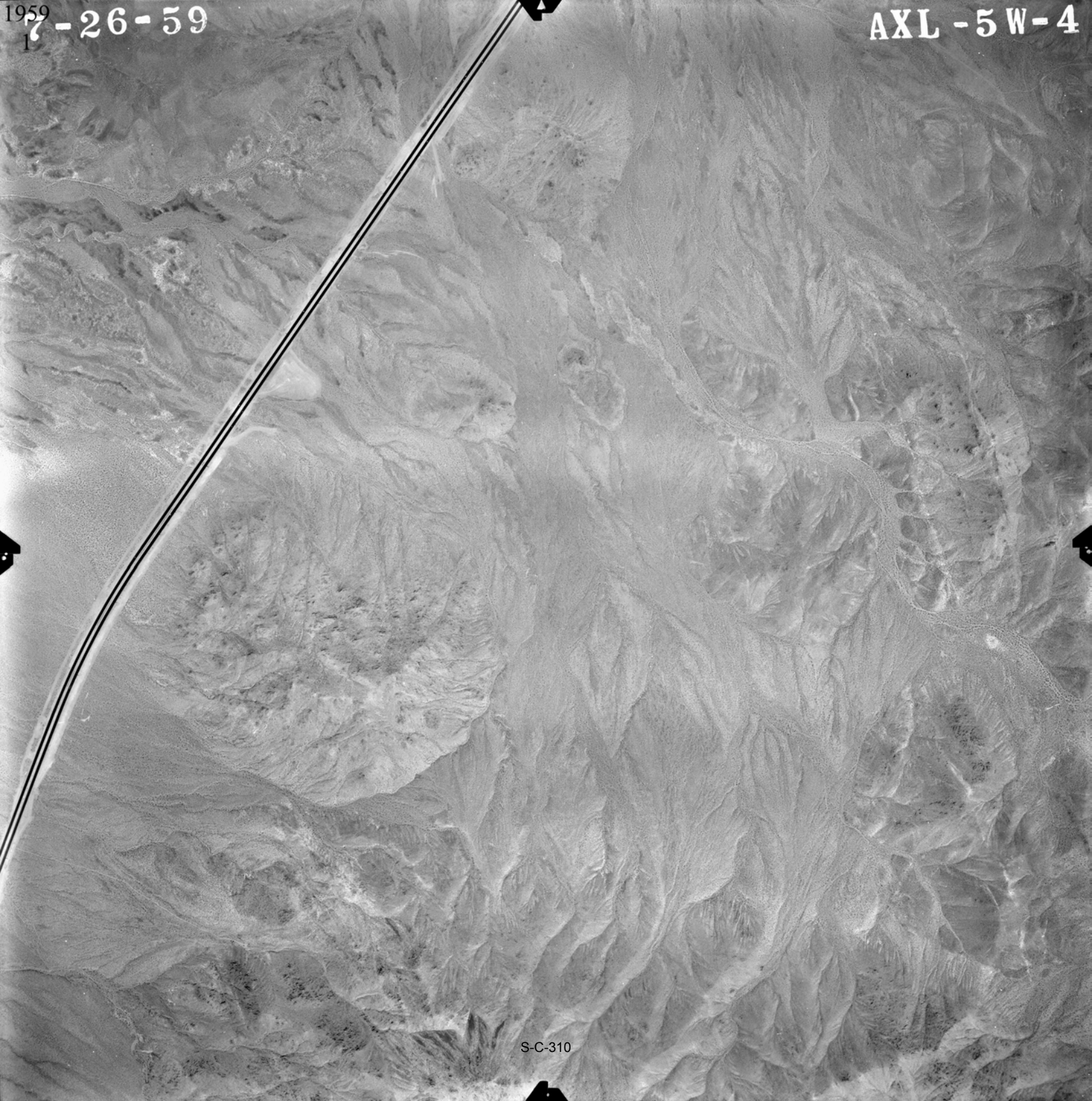
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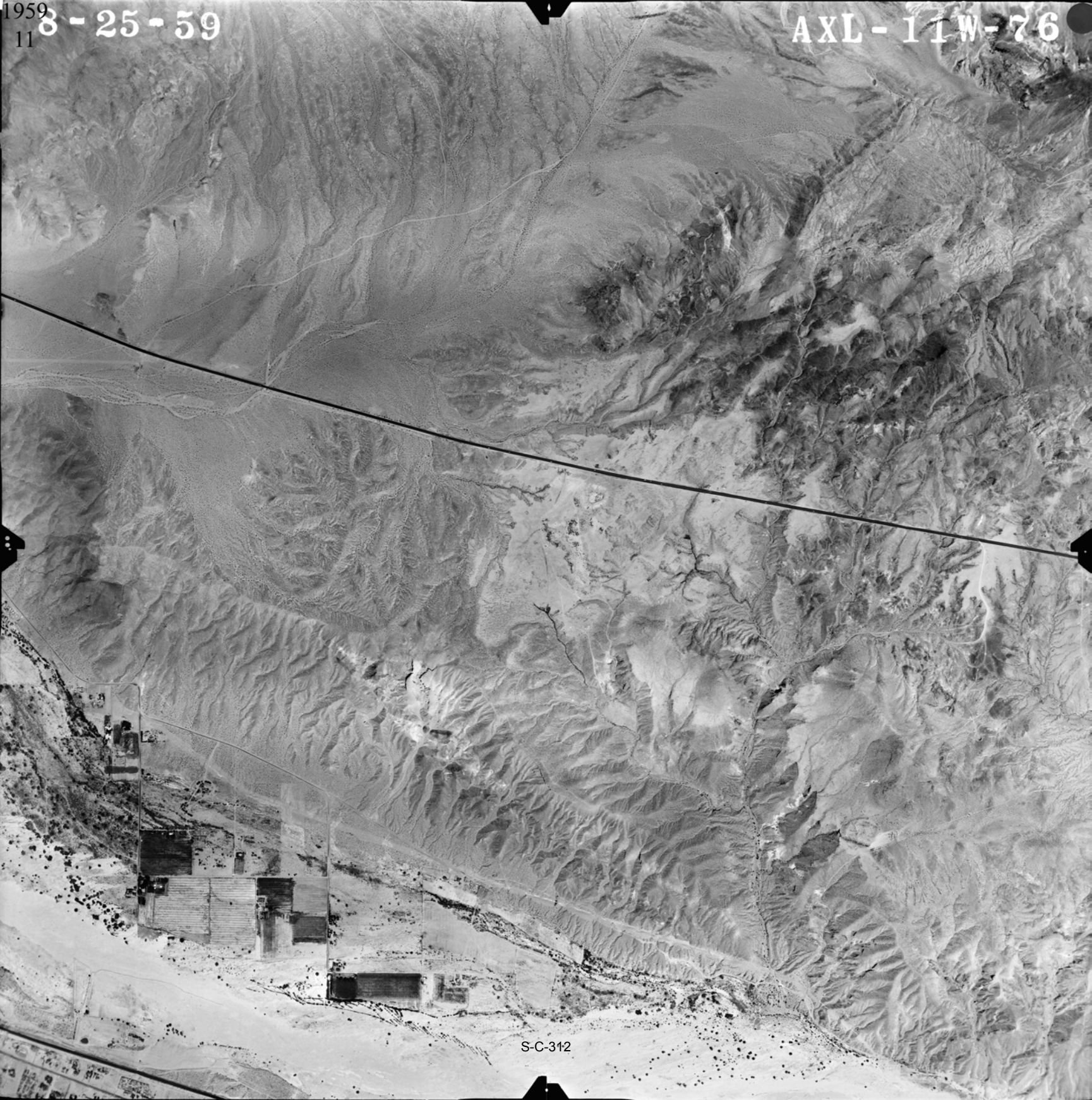

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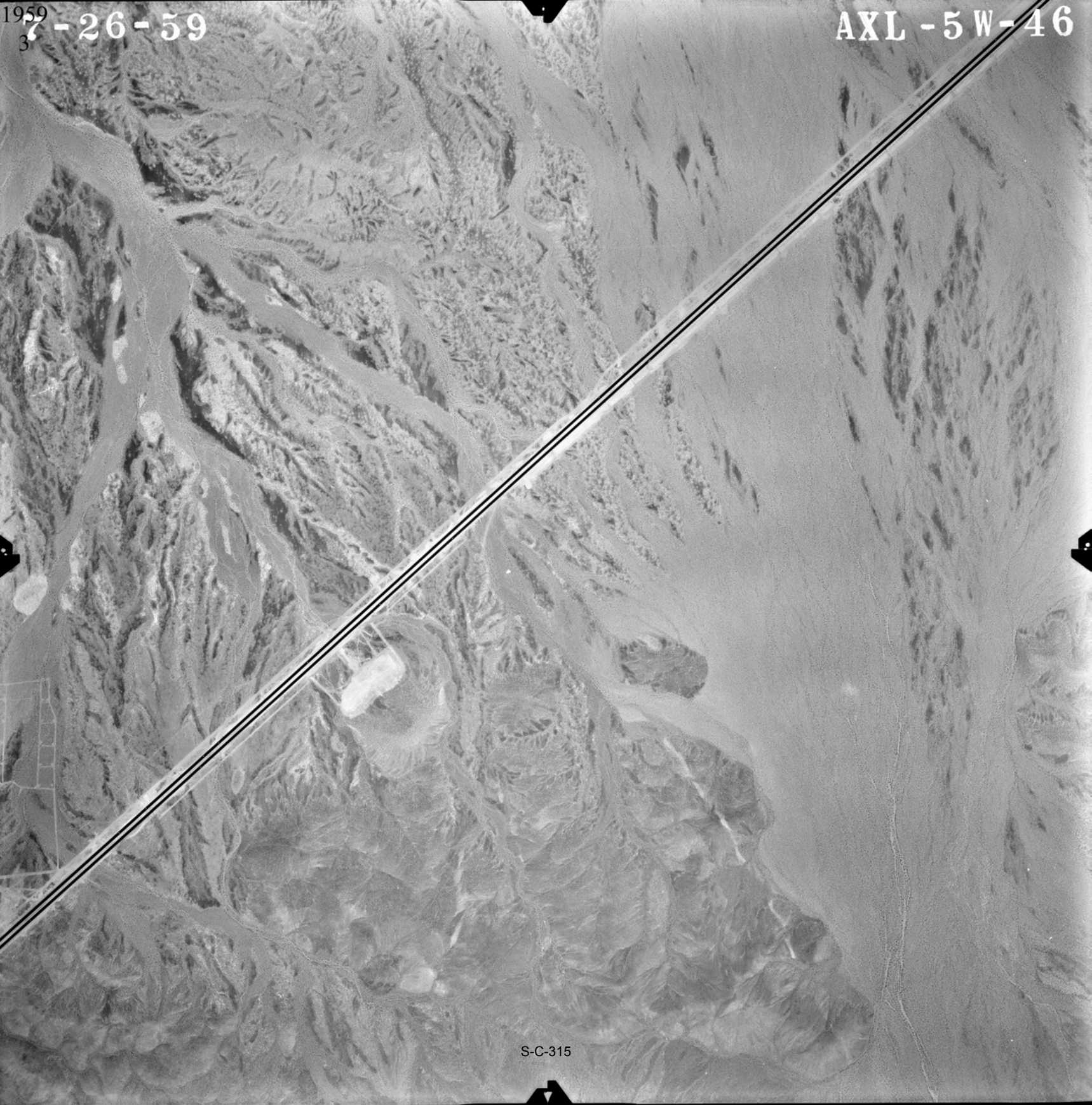
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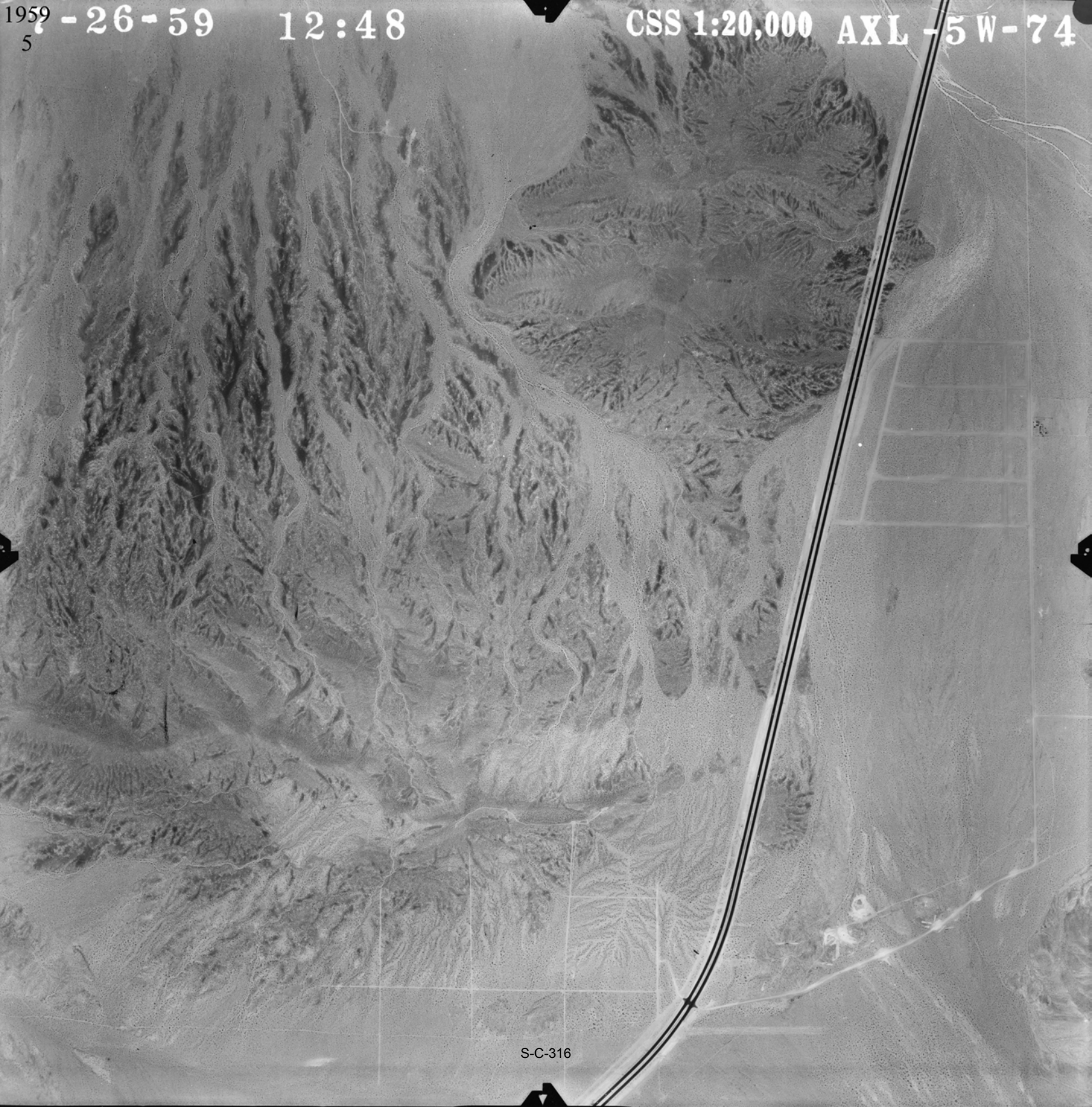
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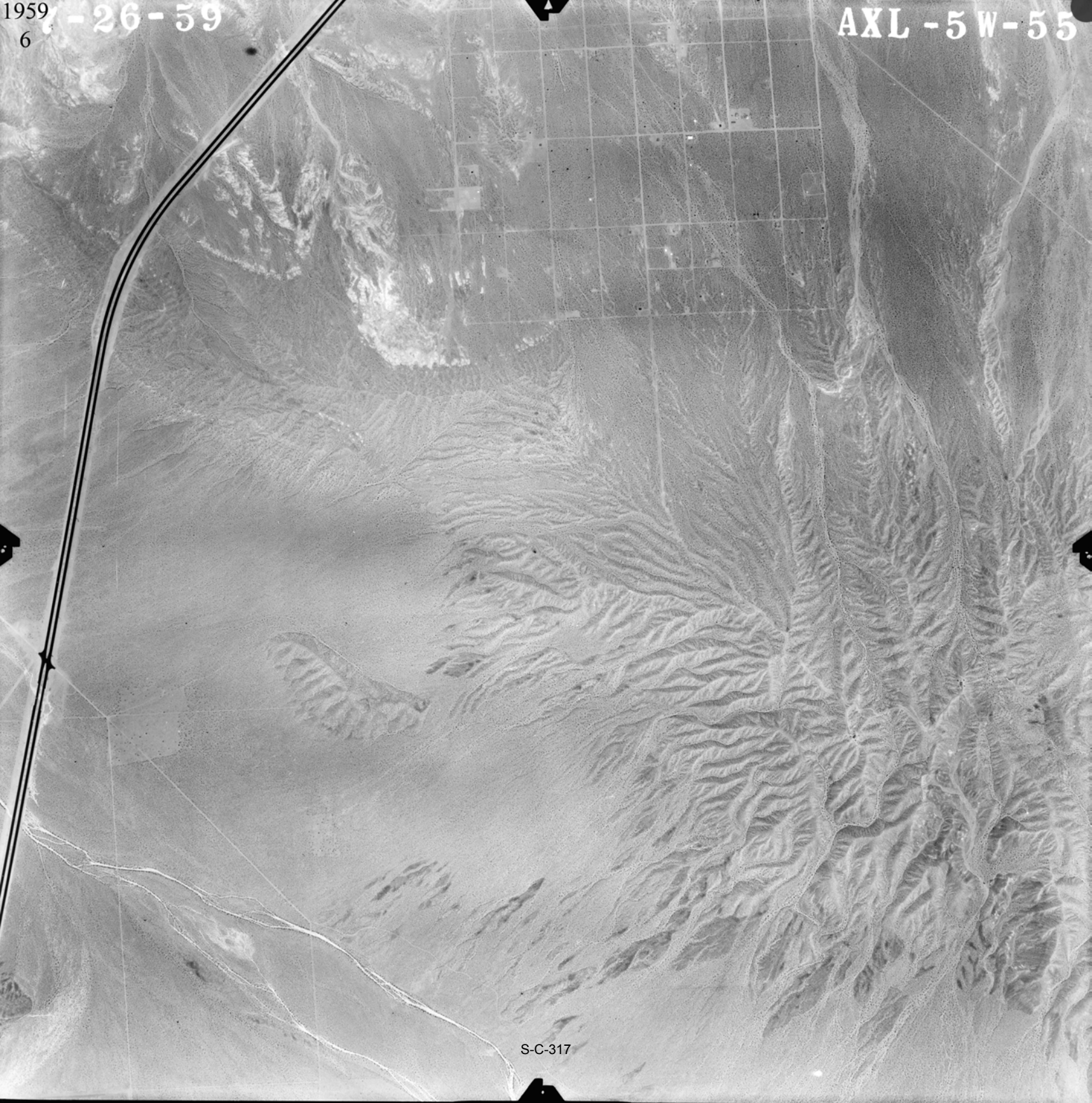

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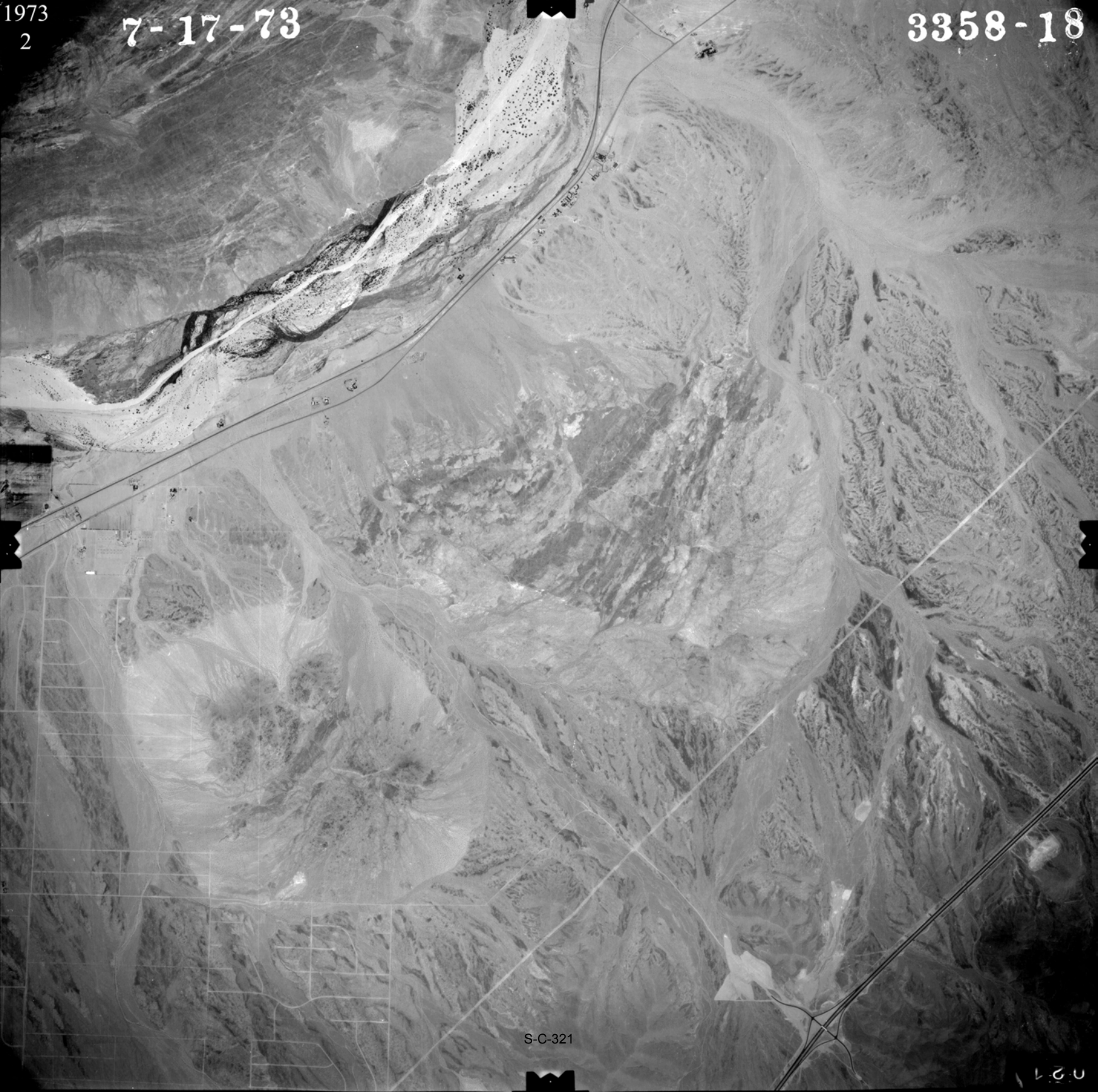
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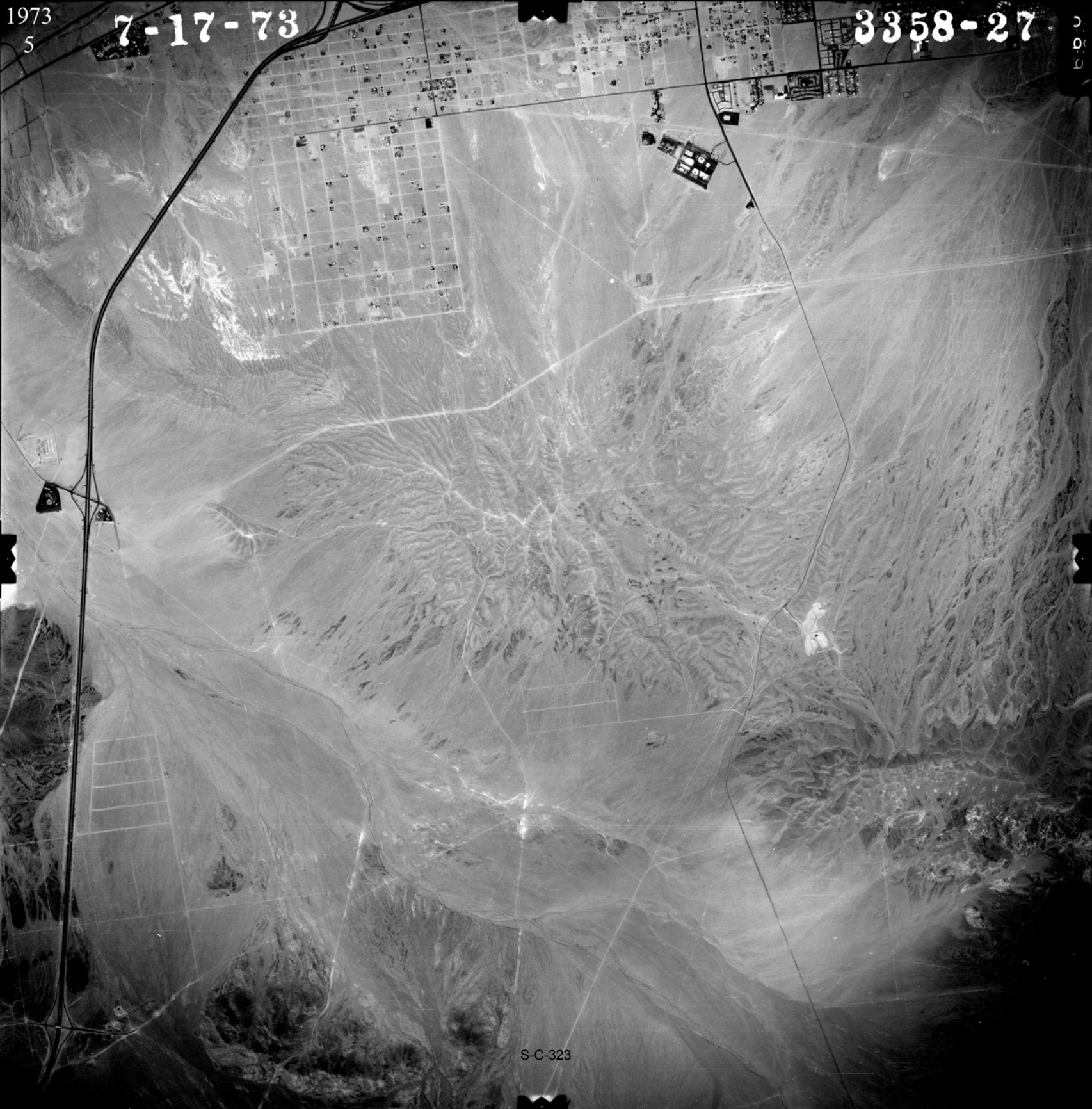
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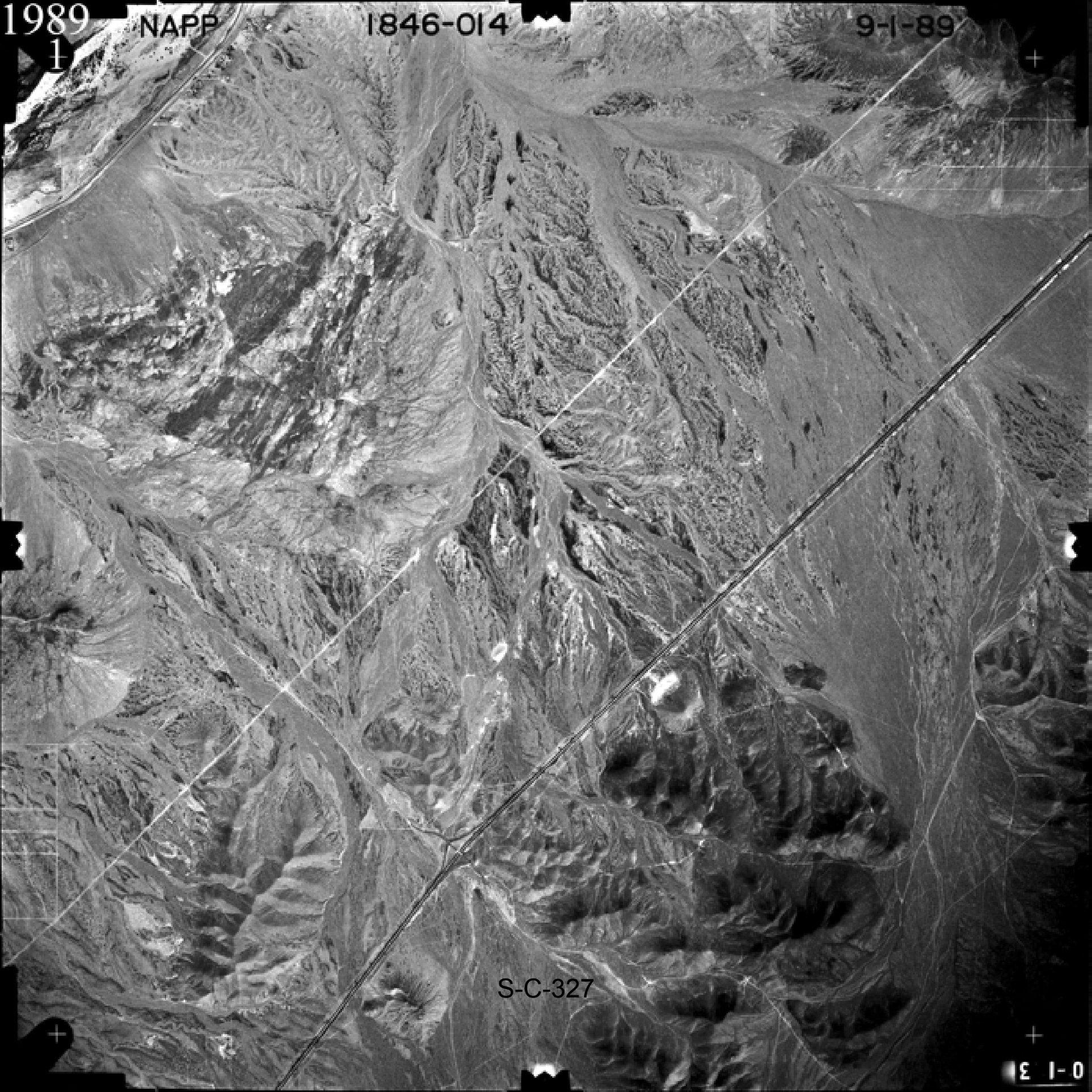
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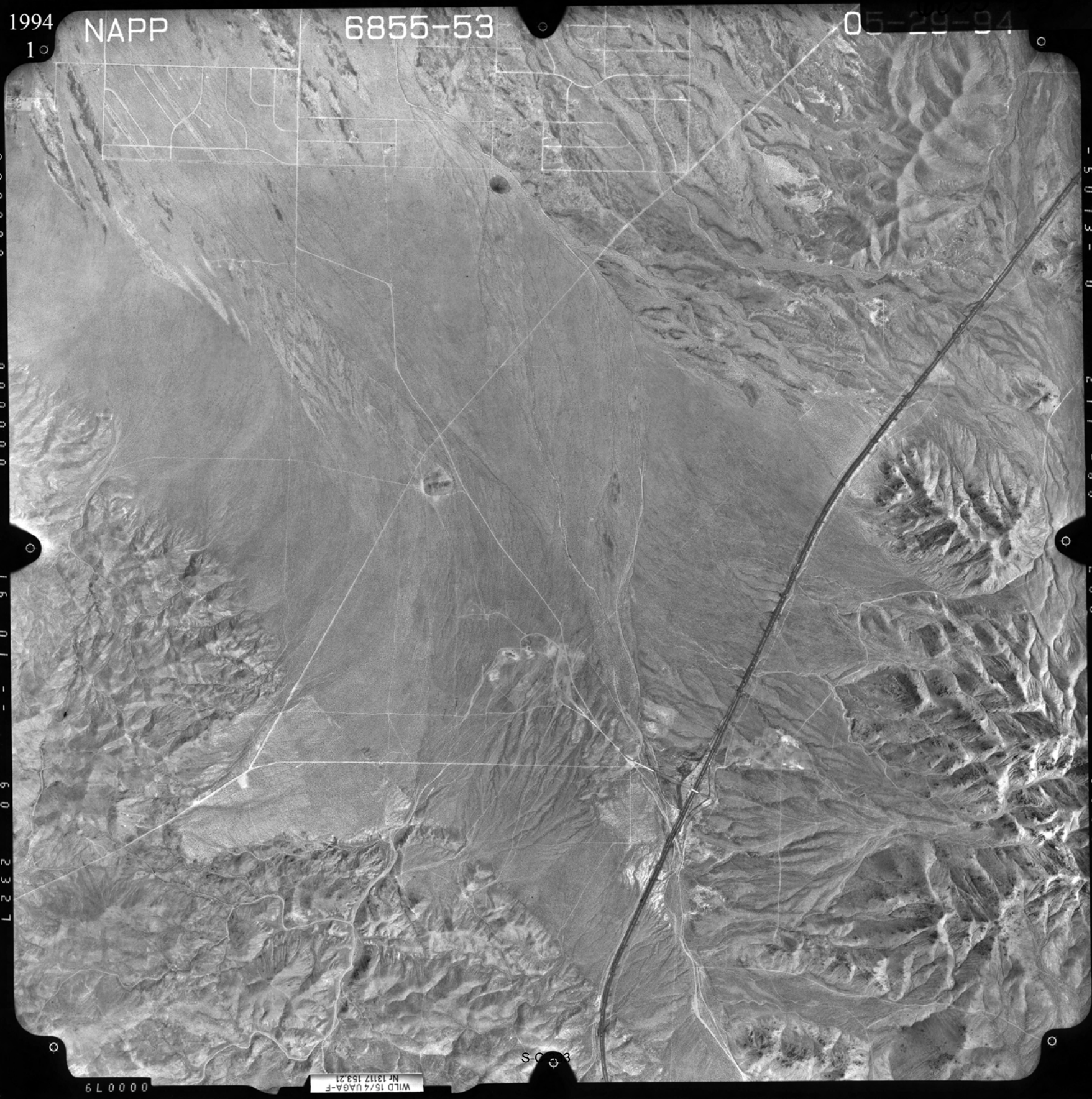

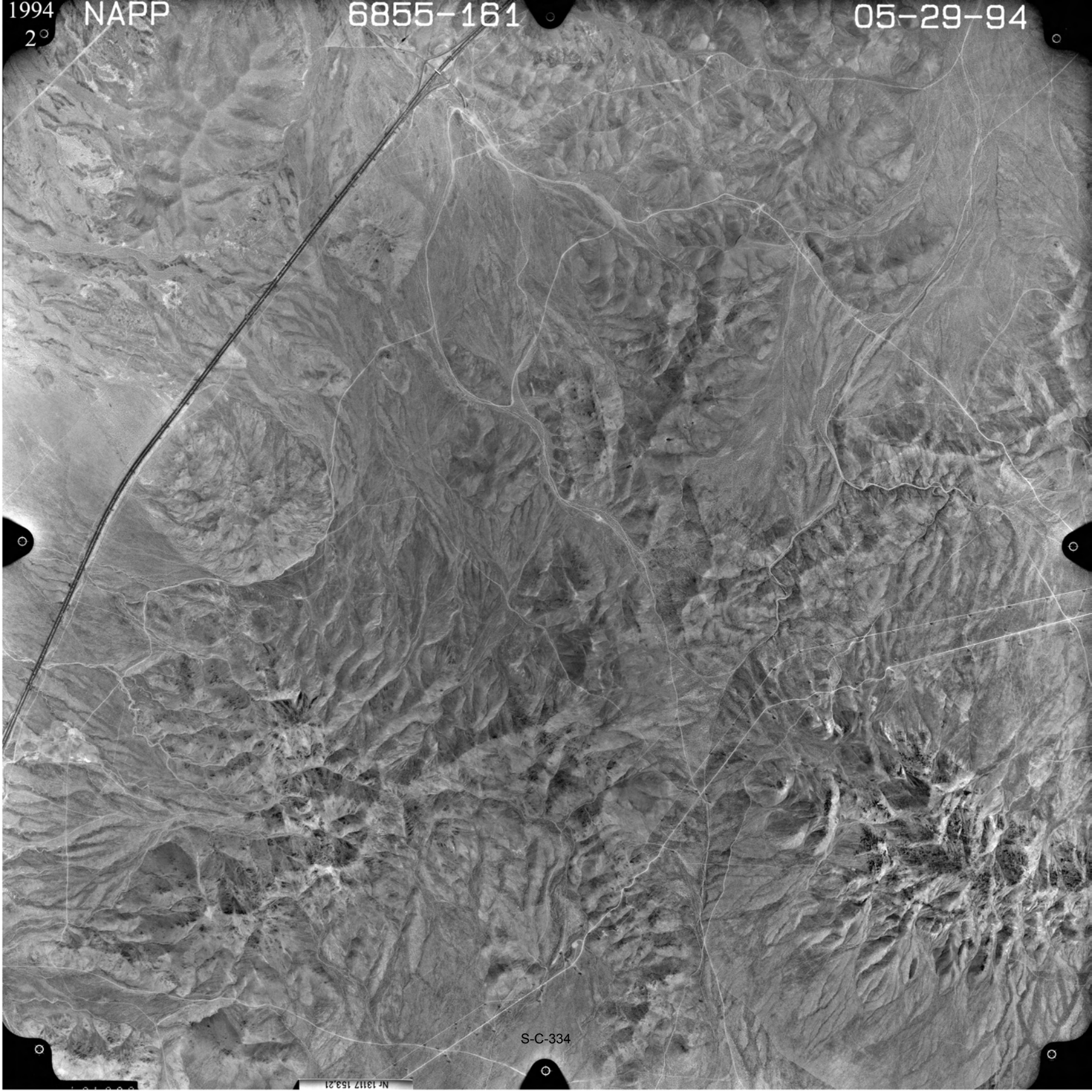
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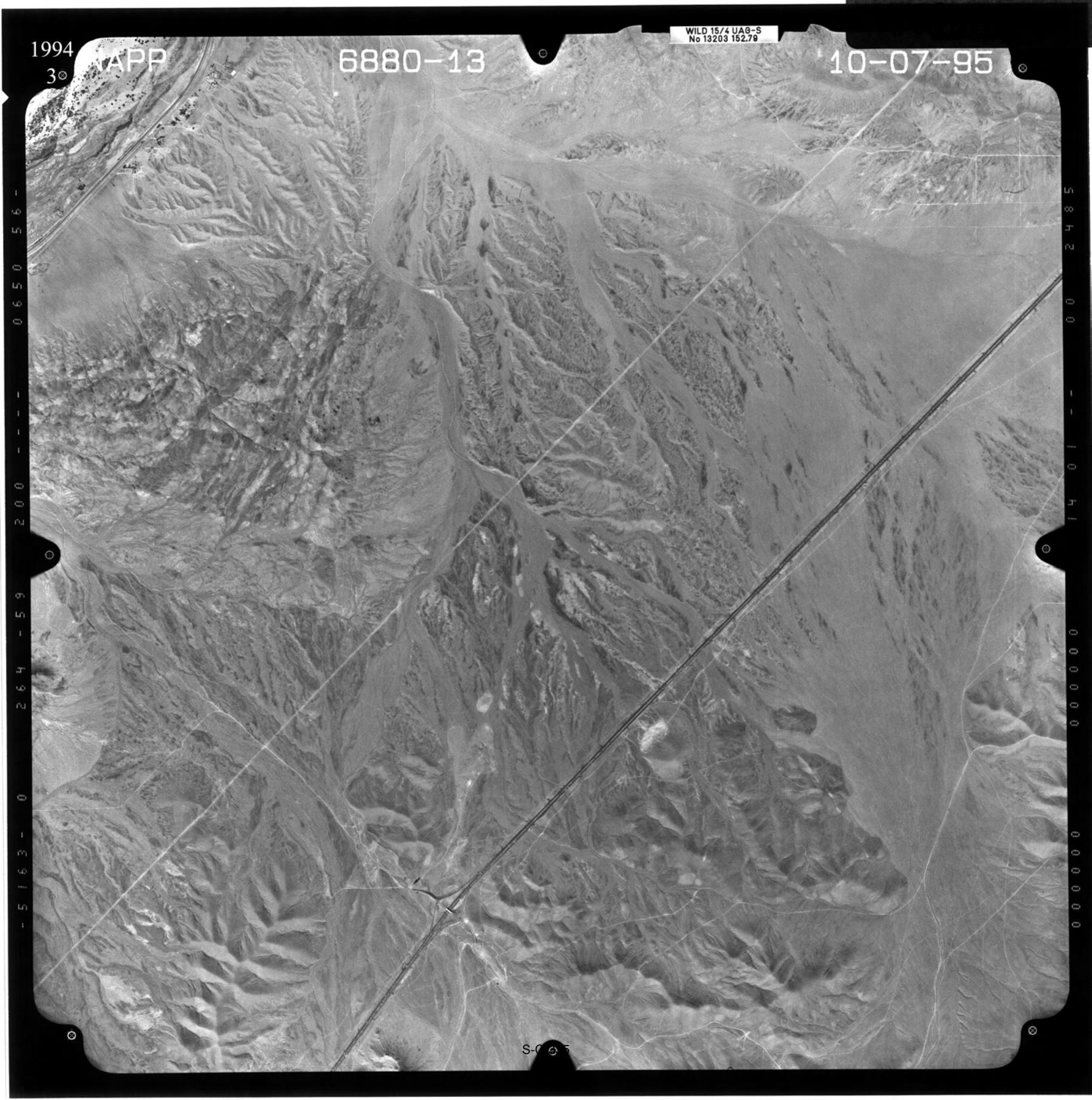
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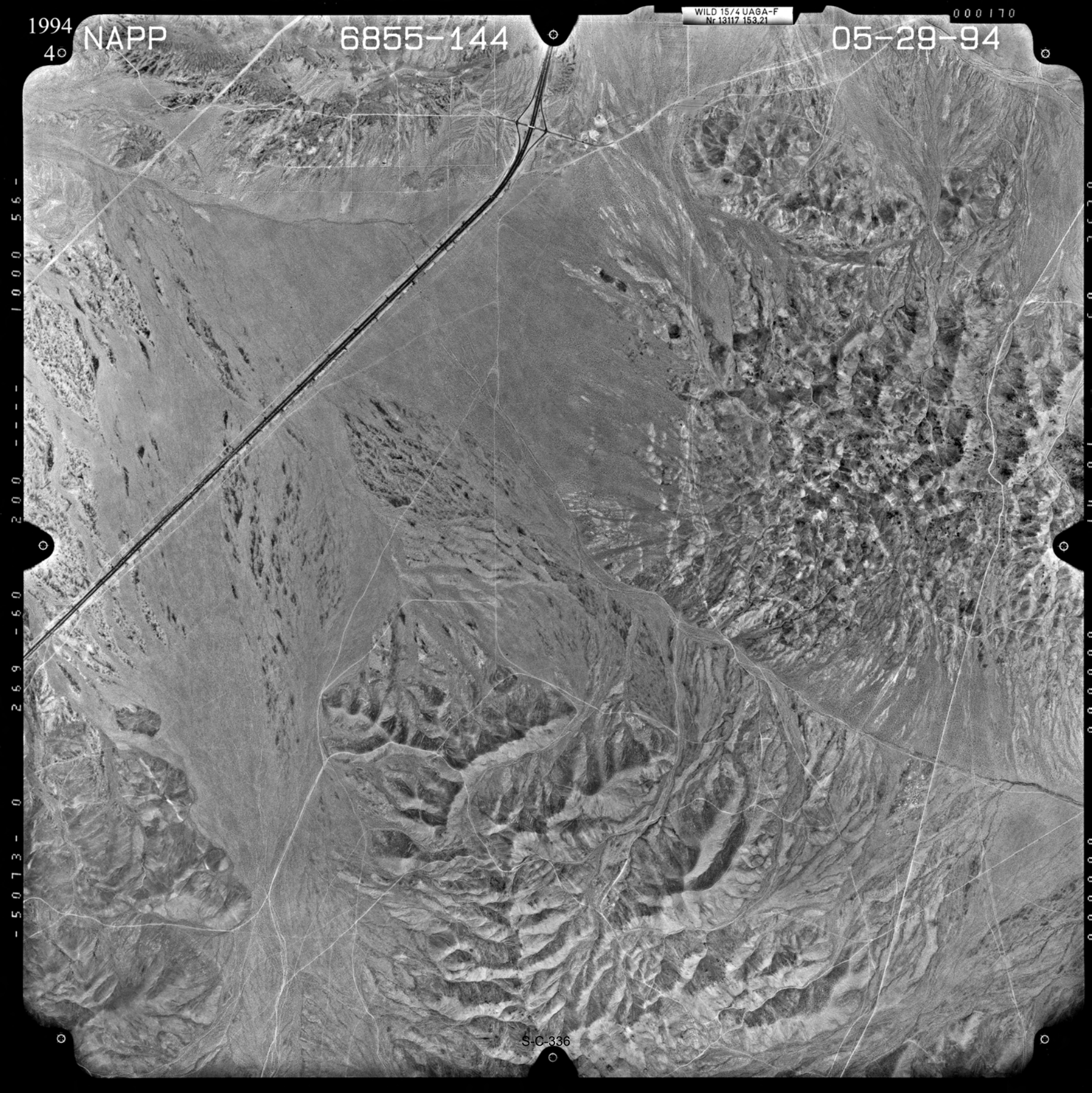
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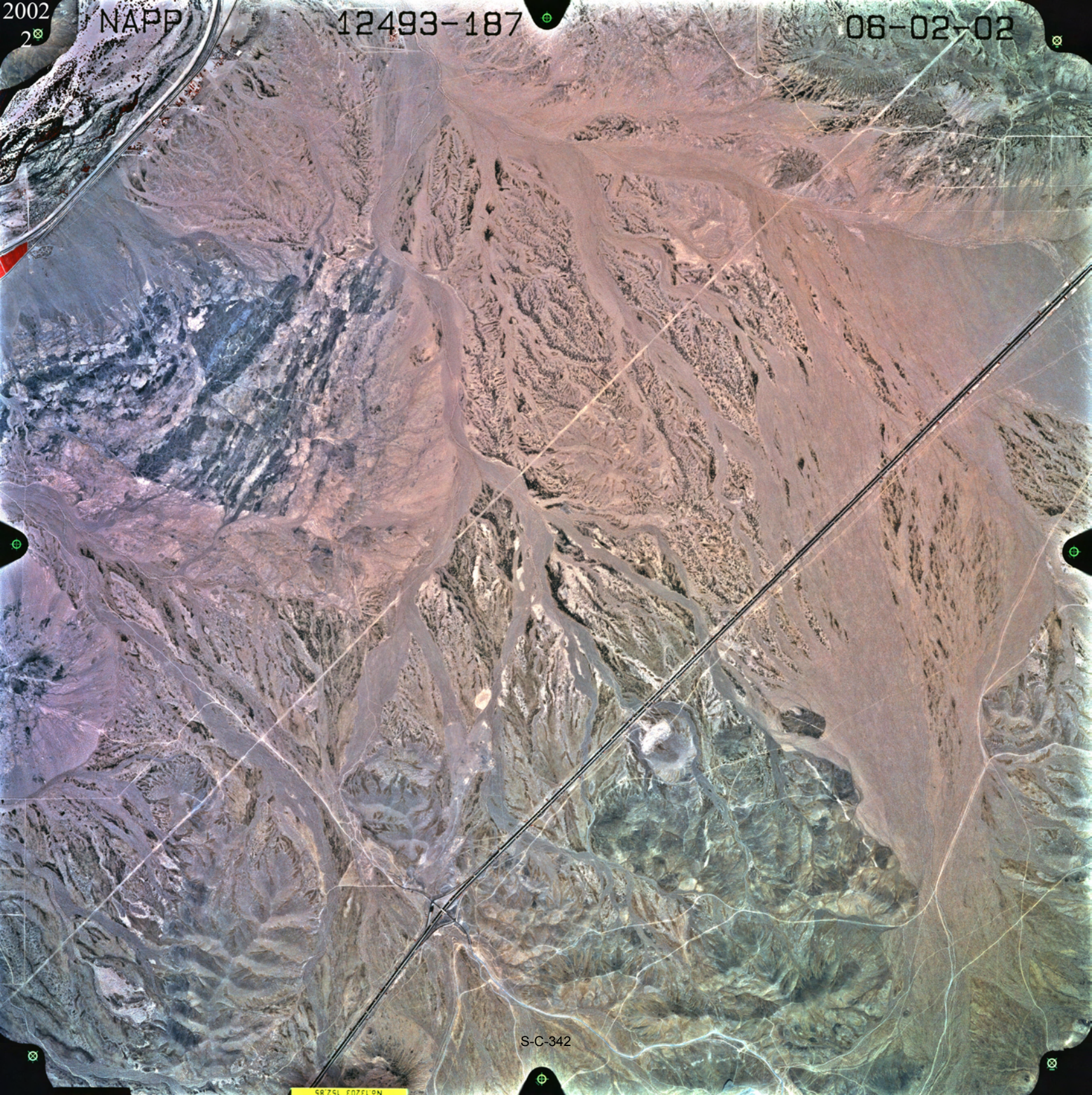
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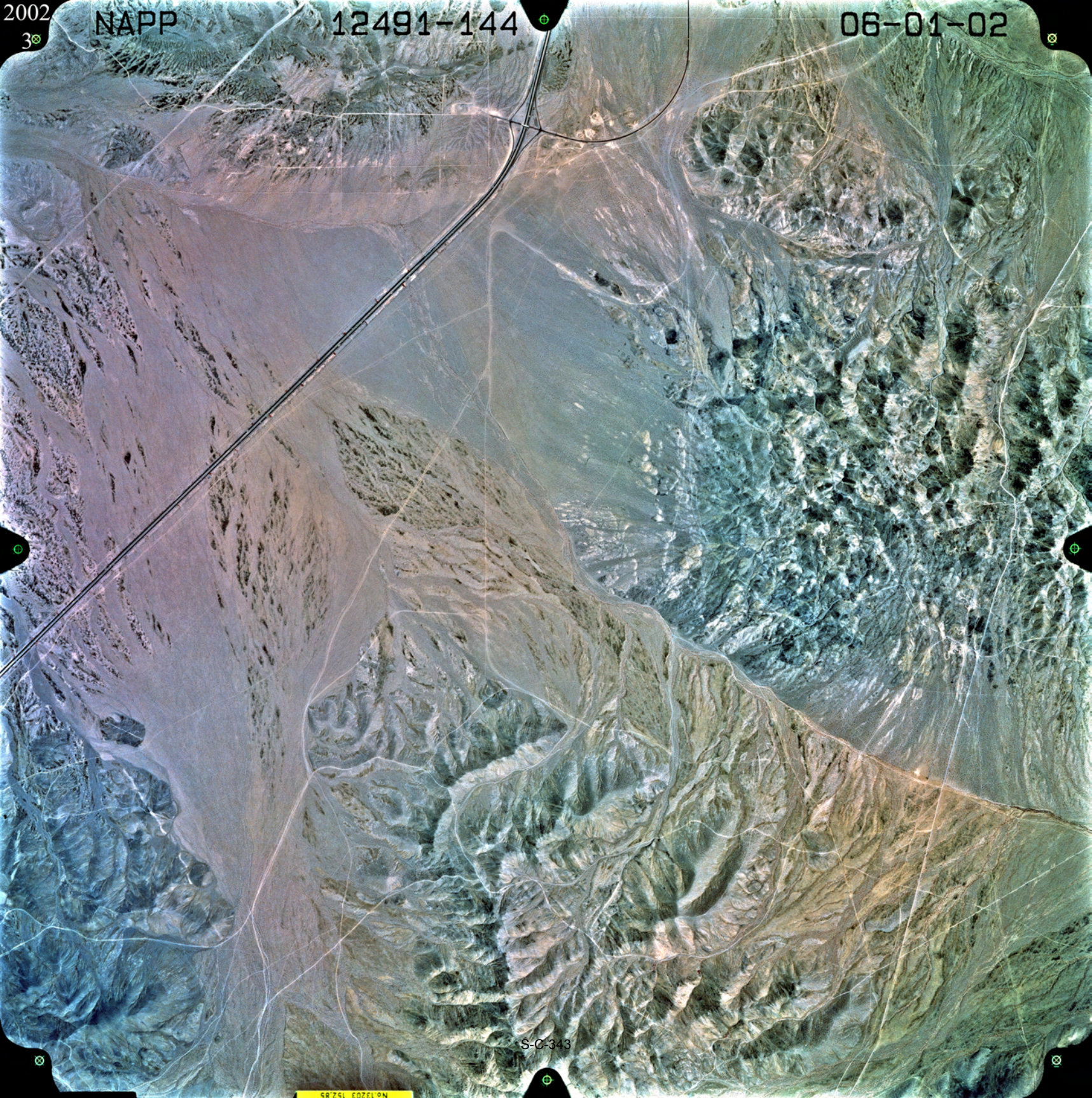
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HAZARDOUS MATERIALS ASSESSMENT
PROPOSED DESERT XPRESS RAIL LINE
SEGMENT 4, OPTIONS C AND D
VICTORVILLE 3 STATION
VICTORVILLE, CALIFORNIA, TO
LAS VEGAS, NEVADA

DRAFT

PREPARED FOR:
CirclePoint
135 Main Street, Suite 1600
San Francisco, California 94105

PREPARED BY:
Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
475 Goddard, Suite 200
Irvine, California 92618

September 21, 2009
Project No. 206725003

September 21, 2009
Project No. 206725003

Mr. John Cook
CirclePoint
135 Main Street, Suite 1600
San Francisco, California 94105

Subject: Hazardous Materials Assessment
Proposed Desert Xpress Rail Line, Segment 4, Options C and D
Victorville 3 Station
Victorville, California, to Las Vegas, Nevada

DRAFT

Dear Mr. Cook:

In accordance with your authorization, Ninyo & Moore has completed a Hazardous Materials Assessment (HMA) along the proposed Desert Xpress rail corridor, for Segment 4, Options C and D and for the Victorville 3 Station, which is proposed to run between Victorville, California, and Las Vegas, Nevada. The report describes our findings, methodologies, and conclusions.

We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINYO & MOORE

Zack Mason
Senior Staff Geologist

John Jay Roberts, P.G., C.E.G.
Senior Geologist

Beth Padgett
Senior Staff Geologist

ZKM/BAP/JJR/sc

Distribution: (1) Addressee (via FTP)

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Appendices

Appendix A – FirstSearch™ Environmental Database Reports
Appendix B – Photographic Documentation
Appendix C – Relevant Site Information

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1. HAZARDOUS MATERIALS

CirclePoint authorized Ninyo & Moore to perform a Hazardous Materials Assessment (HMA) of portions of a proposed rail corridor (The Desert Xpress) between Victorville, California, and Las Vegas, Nevada and a proposed station location. The HMA was performed to evaluate, to the extent practical, Segment 4, Options C and D and the Victorville 3 Station (herein referred to collectively as "site" or "project") for the corridor where unauthorized releases of hazardous materials have occurred. This HMA addresses properties located along Interstate 15 (I-15), in Victorville, California, and near the California-Nevada border (site). The HMA has been performed in accordance with Proposal No. P-12868B, dated July 31, 2009. The field assessment portion of this HMA was performed during September 2009 according to the scope of work (SOW) agreed to by Ninyo & Moore and CirclePoint.

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1.1. Scope of Work

The scope of this HMA included but was not limited to the following tasks:

- Project coordination and participation in client teleconferences necessary to comply with project requirements.
- Review of existing maps and reports of past assessments and corrective actions, if available, for the alignment and properties located in near proximity to the alignment. Review of readily available historical aerial photographs of the alignment and vicinity.
- A review of a computerized database search of readily available government environmental lists and databases for properties located adjacent to the proposed alignment and the proposed station.
- A drive-by reconnaissance of the project sites to visually evaluate areas of possibly contaminated surface soil or surface water, improperly stored hazardous materials, and possible risks of contamination from activities within and adjacent to the proposed alignment and proposed station.
- Sites with potential hazardous materials impacts to the project were screened. Hazardous materials issues associated with the operation of the rail line were also assessed and summarized. Findings are summarized in map and table form. Our findings regarding hazardous materials issues, as well as conclusions and recommendations for additional testing, are summarized in this report so that they may be incorporated into the Environmental Impact Statement (EIS) document.

1.2. Purpose

The purpose of this HMA was to evaluate the likelihood that hazardous materials may be present in soil or groundwater beneath the site as a result of on-site or off-site activities. For the most part, the site consists of freeway shoulders, freeway medians, and vacant high-desert land; the emphasis of our evaluation was primarily on off-site properties which adjoin the site. The likelihood of specific areas of the site being contaminated by hazardous materials was ranked as high, moderate, or low based on the following descriptions:

- **High** – Property with known or probable contamination within the area of the project. An example of a property in this category would be a leaking underground storage tank (LUST) property where remediation had not been started or was not yet finished.

- **Moderate** – Property with potential or suspected contamination within the area of the project. Examples of properties in this category would be LUST properties in the vicinity of the site that are in final stages of remediation or in post-remediation monitoring. LUST properties adjacent to the site are considered to be in this category, regardless of case status, as deed restrictions may exist for closed LUST cases. A second example would be a property within or adjoining the site with known use or storage of hazardous materials which had received violation notices from an inspecting agency or where visual evidence of inadequate chemical and storage practices (such as significant staining) were observed but where no environmental assessments had occurred. Also included in this category are facilities within or adjoining the site where underground storage tanks (USTs) are likely present, but that appeared to be abandoned by their former operators.

- **Low** – Property which uses or stores hazardous materials but with no significant violations, known releases, or evidence of inadequate chemical-handling practices. Example properties would be active UST or dry cleaning facilities with no documented releases or properties that are not adjacent to the site and remediation of previous releases had been completed.

1.3. Limitations

This HMA has been prepared for use by CirclePoint. The information presented in this report is based on the project SOW (Section 1.1). Ninyo & Moore has relied on information provided by others in our description of historical conditions and our review of regulatory databases and files. However, Ninyo & Moore makes no warranties or guarantees regarding the accuracy or completeness of the information provided or compiled by others. Ninyo & Moore observed properties adjoining the proposed rail line and station location from public

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R/W only in accordance with our SOW. In areas inaccessible by public R/W; an effort was made to observe features at a distance. Ninyo & Moore did not conduct interviews with individual property representatives.

No HMA can completely eliminate uncertainty regarding the potential for hazardous materials conditions in connection with a property. Performance of this HMA is intended to reduce, but not eliminate, uncertainty regarding the presence of hazardous materials conditions. The available data do not provide definitive information relative to past uses, operations, or incidents at the site or adjacent properties. The existence of site contamination that was not identified during this HMA, is possible and cannot be adequately assessed without additional research beyond the stated SOW. Further evaluation of these types of risks could include subsurface exploration, sampling, and/or other forms of testing.

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In addition, some substances may be present within the proposed corridor and station area or in the vicinity in quantities below those categorized as actionable by current environmental regulations. Ninyo & Moore cannot be responsible if regulatory standards are changed in the future in a manner that renders the current site conditions actionable.

2. REGULATORY REQUIREMENTS AND METHODS OF EVALUATION

2.1. Regulatory Requirements

Hazardous materials and hazardous wastes are regulated by numerous state and federal laws. These include not only specific statutes governing hazardous waste but also a variety of laws regulating air and water quality, human health, and land use.

2.1.1. Federal Requirements

The primary federal laws regulating hazardous wastes/materials are the Resource Conservation and Recovery Act of 1976 (RCRA) and the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). The purpose of CERCLA, often referred to as Superfund, is to clean up contaminated sites so that pub-

lic health and welfare are not compromised. RCRA provides for "cradle to grave" regulation of hazardous wastes. Other federal laws include:

- Community Environmental Response Facilitation Act (CERFA) of 1992
- Clean Water Act
- Clean Air Act
- Safe Drinking Water Act
- Occupational Safety & Health Act (OSHA)
- Atomic Energy Act
- Toxic Substances Control Act (TSCA)
- Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

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In addition to the acts listed above, Executive Order 12088, Federal Compliance with Pollution Control, mandates that necessary actions be taken to prevent and control environmental pollution when federal activities or federal facilities are involved.

2.1.2. State Requirements

Worker health and safety and public safety are key issues when dealing with hazardous materials that may affect human health and the environment. Proper disposal of hazardous substances is vital if it is disturbed during project construction.

Hazardous waste management in California is regulated primarily under the authority of the California Health and Safety Code. Other California laws that affect hazardous waste are specific to handling, storage, transportation, disposal, treatment, reduction, cleanup, and emergency planning.

Hazardous waste management in Nevada is regulated primarily under the authority of the Nevada Division of Environmental Protection.

2.1.3. Regional and Local Requirements

The following is a description of the local agencies that may have oversight in the project area.

2.1.3.1. California State Fire Marshal's (CSFM) Office

The CSFM supports the mission of the California Department of Forestry and Fire Protection by focusing on fire prevention. CSFM provides support through a wide variety of fire safety responsibilities, including regulating buildings in which people live, congregate, or are confined; by controlling substances and products which may, in and of themselves, or by their misuse, cause injuries, death and destruction by fire; by providing statewide direction for fire prevention within wildland areas; by regulating hazardous liquid pipelines; by reviewing regulations and building standards; and by providing training and education in fire protection methods and responsibilities.

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2.1.3.2. Mojave Desert Air Quality Management District (MDAQMD)

The California MDAQMD is the agency responsible for establishing criteria by which air quality in the project area is measured. For any particular locale, air quality is based on the amount of pollutants emitted and dispersed and the climatic conditions that may reduce or enhance the formation of pollutants. One of the MDAQMD's key tasks is to assure compliance with air quality rules and regulations and with state and federal air quality statues to achieve and sustain air quality standards throughout the Mojave Desert Air Basin in California.

2.1.3.3. San Bernardino County Fire Department, Hazardous Materials Division (SBCFD)

The SBCFD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and

use hazardous materials and generate hazardous wastes in San Bernardino County, California.

2.1.3.4. San Bernardino County Solid Waste Management Division (SBCSWMD)

The SBCSWMD has local regulatory oversight responsibility for active and closed landfills in San Bernardino County, California.

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2.1.3.5. Regional Water Quality Control Board (RWQCB)

The Southern Lahontan Region Regional Water Quality Control Board (LRWQCB) also has oversight jurisdiction with regard to releases (primarily to groundwater) from USTs and other point and regional sources within their jurisdiction in California. The RWQCB issues National Pollutant Discharge Elimination System (NPDES) permits.

2.1.3.6. Nevada State Fire Marshal's (NSFM) Office

This NSFM is responsible for the permitting and regulating the storage, use, and transportation of hazardous materials within the state of Nevada. Additional services provided by the NSFM are hazardous materials inspections per the Nevada Revised Statutes (NRS) and Nevada Administrative Codes (NAC), regulation of hazardous liquid pipelines, and providing training and education in fire protection methods and responsibilities.

2.1.3.7. Nevada Department of Air Quality and Environment Management (DAQEM)

The Clark County, Nevada, DAQEM is responsible for monitoring the quality of the air throughout Clark County and ensuring that local entities and businesses are in compliance with air quality rules and regulations. In addition, DAQEM is re-

sponsible for the development of proper air quality control measures and educating the citizens of Clark County on good air quality habits.

The DAQEM is also tasked with monitoring the water quality in Clark County. As part of this responsibility, DAQEM has created a program that monitors municipal wastewater treatment, stormwater pollution prevention, groundwater management, and wellhead protection.

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2.1.3.8. Clark County Fire Department (CCFD)

The CCFD is the local lead agency that maintains records and files regarding hazardous materials use and storage by individuals and business within Clark County.

2.1.3.9. Southern Nevada Health District, Environmental Health (SNHD)

The SNHD is the local lead agency that maintains records and files regarding permitted USTs, reported releases from USTs, and facilities that handle, store, and use hazardous materials and generate hazardous waste. In addition, the SNHD also has local regulatory oversight responsibility for active and closed landfills.

2.2. Methods of Evaluation of Impacts

The following section describes the methods used to identify areas of the site or properties adjoining the site where unauthorized releases of hazardous materials have occurred.

2.2.1. Environmental Database Review

Ninyo & Moore obtained and reviewed automated database search reports for each proposed segment/alternative. Ninyo & Moore subcontracted FirstSearch™ to perform an environmental records search of federal, state, and local files for properties located within the study areas. Single database reports were ordered for Segment 4, Options C and D and the proposed Victorville 3 Station.

The FirstSearch™ report also includes a list of "non-geocoded" properties that could not be mapped due to unknown or missing addresses or locations. Ninyo & Moore noted the properties that could be verified by site reconnaissance and aerial photograph review that fall within the $^{1}/_{8}$-mile corridor of interest. These properties have been included in our assessment of each alternative and are described within the text of each segment under the applicable database discussion. Non-geocoded properties not considered significant environmental concerns to the site and properties located beyond the boundaries of the corridors of interest and are not discussed. The FirstSearch™ reports are included as Appendix A.

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Regulatory agency databases that were reviewed include:

- National Priorities List (NPL) of the United States Environmental Protection Agency (EPA)
- Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS)
- Resource Conservation and Recovery Act (RCRA)
- Emergency Response Notification System (ERNS)
- California Environmental Protection Agency, Department of Toxic Substances Control, State Priority List (CAL-SITES)
- Nevada Environmental Protection Agency (NEV-STATE)
- Spills-1990 (California Only)
- Solid Waste Landfills (SWLs)
- Leaking Underground Storage Tank (LUST)
- Underground Storage Tanks (UST)

2.2.2. Aerial Photography

Ninyo & Moore reviewed aerial photography for both of the respective segment/options and station location. Aerial photographs have been collected for the continental United States since the 1920s, with variable coverage and frequency (generally based on an

area's importance to national defense). Aerial photographs offer an opportunity for direct observation of site conditions across a period of time. These observations may include the locations of tank pits, drums, pits, ponds, lagoons, stained/stressed vegetation, or other site development features that can indicate potential contaminant sources.

Aerial photographs of the Segment 4, Options C and D were reviewed from the previous HMA document (Ninyo & Moore, 2007). Aerial photographs of the Victorville 3 Station area were provided by Track Info Services, LLC. For this study, Ninyo & Moore reviewed aerial photographs taken in 1953, 1989, 1994, and 2002. The photographs reviewed varied in scale and clarity, and were taken from various altitudes. The Victorville 3 Station photographs are provided in Appendix C.

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The aerial photograph review served to further evaluate information gained from other sources and, in some cases, served as the primary source of information. Information that was gathered from aerial photographs is summarized in Tables 1 and 2. The data are limited primarily to areas of potential concern as revealed by regulatory data or our site reconnaissance. Historical features of potential environmental concern noted, which were not revealed by current sources, are also described in the tables.

2.2.3. Site Reconnaissance

A site reconnaissance was conducted to provide us with site-specific, current information about the site that is not obtainable through an environmental database review or aerial photograph review. Ninyo & Moore performed a site reconnaissance of the project area on September 9, 2009. The reconnaissance included viewing of the subject sites and adjoining properties from public R/W. Photographs of the site are presented in Appendix B.

During the site reconnaissance, Ninyo & Moore personnel looked for several indicators of potential environmental impacts to the project including significant staining or degraded pavement, USTs, aboveground storage tanks (ASTs), storage of significant quantities of hazardous materials and wastes, groundwater monitoring wells and reme-

diation systems, dry cleaning facilities, transformers, pesticide use, industrial facilities, current or historic gasoline stations, distressed vegetation, and the presence of pits, ponds, or lagoons. The presence of features such as ASTs, USTs, or chemical storage areas alone is not cause necessarily to classify a property as Moderate or High with regard to risk.

In general, Segment 4, Options C and D, and the Victorville 3 Station were vacant undeveloped land. Because of the large project area and the scope of services for this HMA, a property would not be listed as a facility of concern during the site reconnaissance unless it was in the immediate vicinity of one of the study areas and there was obvious evidence of a subsurface assessment and/or contamination remediation such as an operating remediation system, or drums of soil cuttings from a subsurface investigation that were readily observable from public R/W.

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The project will have a significant effect if there is exposure of the public and/or the environment to hazardous materials or petroleum compounds by project construction or operational activities. Construction activities could lead to exposure to contaminated soil or groundwater; the primary focus of the HMA is to identify properties affected by the proposed corridor where significant potential for such exposures is present. Operational activities, such as vehicle maintenance at the proposed maintenance facilities, present the potential for future releases of hazardous materials.

As described in Section 1.2, individual properties are classified as High, Moderate, or Low with regard to their potential to cause exposure to significant soil or groundwater contamination. The classification of each property was based on the type of operation (current or historical), proximity to the project alignments, hydrogeologic conditions, field observations, and regulatory information. The possible construction impacts and mitigation measures for each property, if classified as High or Moderate in the HMA, are discussed in this document.

In addition, we evaluated potential operational impacts related to use of hazardous materials at proposed maintenance facilities and elsewhere within the proposed corridor. Mitigation measures are identified for each significant impact identified.

3. AFFECTED ENVIRONMENT

The entire proposed Desert Xpress project includes several proposed linear corridors for the construction of a high-speed rail line between Victorville, California, and Las Vegas, Nevada. The corridors have been divided into six segments, some of which contain multiple alternatives. The overall length covered by the entire project comprises approximately 200 miles. The specific location of the proposed routes was obtained from maps provided by project applicant.

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The project areas evaluated for this document are Segment 4, Options C and D, and the Victorville 3 Station. The general site locations are presented on Figures 1A and 1B.

3.1. Regional Environment

The proposed rail line is situated in the Mojave Desert portion of the Basin and Range province. The Basin and Range is characterized by a repeating pattern of north-south trending mountain ranges separated by fault-bound basins. The current morphology developed as basins dropped and ranges rose during regional extension. Many of the basins are quite deep and filled with thousands of feet of alluvium shed from the adjacent ranges. In general, the sediment size decreases gravels and sands to silts and clays with distance from the range.

Groundwater levels vary beneath the project area. Due to extensive faulting within the project area, localized regions with shallow perched groundwater may be present. According to a representative of the California Regional Water Quality Control Board (SWRCB) Lahontan Region, groundwater is encountered at depths of approximately 50 feet to over 400 feet below ground surface (bgs) in the project area. In addition, during storm events, the alluvial groundwater system can be as shallow as 10 feet bgs. Data from the SWRCB GeoTracker website for LUST facilities located in Victorville, Barstow and Baker, indicated that groundwater is generally encountered at 30 to 80 feet bgs. Groundwater levels in the project area

are shallower near rivers and streams. Depth to groundwater and groundwater flow directions can also be influenced by seasonal variations in precipitation and other factors, including local irrigation (golf courses, recreation areas, residences) and groundwater pumping and are, therefore, subject to variation. In general, groundwater flow direction often mimics topography.

3.2. Resources by Area of Investigation

The following sections provide a general overview of the resources associated with the segment/alternative and the Victorville 3 Station based on information obtained from the database search reports, aerial photography, and the site reconnaissance.

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3.2.1. Segment 4, Options C and D (Mountain Pass, California, to Primm, Nevada)

Segment 4, Options C and D, extends from approximately 2 miles north of Bailey Road near Mountain Pass, California, to approximately 1 mile north of Primm, Nevada, north and west of the I-15 (Figure 2A). Adjoining properties to Segment 4, Options C and D, consist of primarily undeveloped vacant land and the I-15. Option C crosses underground fiber optic lines and parallels underground utility pipelines and aboveground electrical transmission lines between approximate stations 7700+00 to 7950+00. Current significant uses of hazardous materials were not observed.

3.2.2. Victorville 3 Station

The Victorville 3 Station is located southwest of the interchange of the I-15 and Dale Evans Parkway (Figure 2B). The area comprises approximately 165 acres and includes proposed station platforms and parking areas. Adjoining properties to the Victorville 3 Station consist of primarily undeveloped vacant land and the I-15. Current significant uses of hazardous materials were not observed.

4. ENVIRONMENTAL CONSEQUENCES

4.1. Regional Effects

4.1.1. Operational Period

Operational activities for the Desert Xpress will include such activities as train operations, track maintenance, and equipment maintenance. The operational impacts of these activities are confined to the rail R/W, stations, and maintenance yards. Ninyo & Moore understands that hazardous substance usage and storage will be confined to local maintenance yards. As such, no regional effect due to use and storage of hazardous materials is foreseen. Therefore, the potential for significant operational regional impacts related to hazardous materials is low.

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4.1.2. Construction Period

Construction of the Desert Xpress may require the removal of buildings, structures, and paving materials to accommodate new construction. No buildings were noted within the Segment 4, Options C and D, or the Victorville 3 Station. Although none of these features were observed along the alignment of Segment 4, Options C and D, access was not available due to perimeter fencing, and prevented complete site viewing. Therefore, there is still a low likelihood of these features existing within the site. If encountered during construction, demolition activities of buildings may encounter lead-based paint (LBP) and asbestos-containing building materials (ACMs). These materials would have to be transported to a proper disposal facility.

4.2. Effects by Segment

The following sections provide a general overview of our findings for the segment and station locations based on information obtained from the database search reports, aerial photography, and site reconnaissance.

4.2.1. Segment 4, Options C and D (Mountain Pass, California, to Primm, Nevada)

Segment 4, Options C and D, connect to each other running north along the northwest side of I-15. Option D leaves the I-15 heading north and connects to Option C which turns east and heads to near the Nevada border where it turns north and follows the western R/W of I-15 and eventually crosses to the eastern R/W of the I-15. Based on the proximity of the two alternatives, the review for the two alternatives was combined.

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4.2.1.1. Operational Period

There are no proposed facilities for Segment 4, Options C and D. Based on the lack of facilities in Segment 4, the potential for significant operational impacts related to hazardous materials is low.

4.2.1.2. Construction Period

Environmental Database Review

The site was not listed on the environmental database review. According to the report, one facility was listed within the vicinity of Segment 4, Options C and D. The Primm Valley Resort and Casino at 31900 South Las Vegas Boulevard, approximately 0.5-mile east of the northern portion of Option C, was listed on the leaking underground storage tank (LUST) database. The LUST information system is maintained by the Nevada Division of Environmental Protection. The report indicated that a gasoline release of approximately 25 gallons was reported in 2006, and effected soil only. The case received closure on July 20, 2007. Based on the distance, media effected, and closure status, this facility would not be considered an environmental concern.

One additional “non-geocoded” (unmapped) listing on the RCRA generators database was reviewed. The RCRA Generator database identifies facilities that generate hazardous waste as defined by RCRA. According to the information provided, Co-

loseum Mine at 1000 Coloseum Mine Road, located just north and south of the southern portion of Option D, and is a small quantity generator with no violations reported. Based on this information, this facility would not be considered an environmental concern to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Segment 4, Options C and D:

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Table 1 – Aerial Photographs, Segment 4, Options C and D

Aerial Photograph Date	Mountain Pass to Primm
1950-1999	Resolution in these photos was poor, and therefore, evidence of significant development was not apparent. A dirt access road along suspected utility pipelines was observed.
2006	Primarily undeveloped land with the exception of I-15 and infrequent overpasses and interchanges.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site. Aerial photograph information for this Segment and other Options, was reviewed from the previous report (Ninyo & Moore, 2007).

Site Reconnaissance

A well with a designated pump was observed in the vicinity of Segment 4, Option C (Figure 2A). Ninyo & Moore reviewed the SWRCB's GeoTracker website for wells related to potential releases in the area. No wells were observed in the area. The well appeared to be used for agricultural purposes. High voltage overhead power lines were also observed in the vicinity of Segment 4, Option D. Warning monuments for underground fiber optic cables and natural gas lines were observed on the site and in the vicinity. Although these items do not pose an environmental concern to the site, they may interfere with construction. Adjoining properties along

Segment 4, Options C and D, include primarily vacant undeveloped land and the I-15 and associated interchanges, further south and east of the site.

The Molycorp Sand Company was observed north and west of Segment 4, Option D. This facility was not listed on the environmental database report.

Ninyo & Moore reviewed the SWRCB GeoTracker website. Based on information provided by GeoTracker, several facilities located near Bailey Road, in the vicinity of the southern portion of Segment 4, Option D, were listed as landfills, tailings, and evaporation ponds. These are assumed to be related to mining activities in the area. The map provided does not specify the exact location of Option D in this area, and the alignment may pass within close proximity to these features.

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The northern portions of Segment 4, Option C, and the southern portion of Segment 4, Option D, are located within close proximity to the I-15. Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with aerially deposited lead (ADL).

Previously Ninyo & Moore observed one property of environmental concern noted adjacent to Segment 4, Alternative A. An abandoned building, possibly a former gas station, was located adjacent to the site at Yates Well Road in Nipton, California located 5 miles east of the site. This facility is located approximately 5-miles east of the proposed Options C and D alignments, and would not be considered an environmental concern. No properties of environmental concern to the site were noted during the site reconnaissance.

Provided Documents for Review

Ninyo & Moore was provided a Phase I Environmental Site Assessment (ESA) for review (CH2MHILL, 2007). The report was for the Ivanpah Solar Electric Generating System, and according to the figures, is located south and east of the proposed Segment 4, Option C. This Phase I ESA did not reveal any recognized environ-

mental conditions related to the properties. The figure did indicate gas transmission line in the vicinity of Segment 4, Option C. This was also observed during Ninyo & Moore's site reconnaissance.

4.2.2. Victorville 3 Station

The Victorville 3 Station proposed location is southwest of the I-15 and Dale Evans Parkway interchange.

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4.2.2.1. Operational Period

The proposed facilities for the Victorville 3 Station include station platforms and parking areas. Based on our understanding of these proposed facilities, we do not anticipate the use or storage of significant quantities of hazardous materials at these facilities. Therefore, the potential for significant operational impacts related to hazardous materials is low.

4.2.2.2. Construction Period

Environmental Database Review

A review of federal and state database listings for the Victorville 3 Station indicated that two facilities are listed on the State Permits database. The State Permits database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations.

The database indicated that Lowe's of San Francisco, located at 15000 Dale Evans Parkway, Apple Valley, California, approximately miles 6 miles south of the site, has an active permit related to the Department of Toxic Substances Control (DTSC) hazardous waste tracking system (HWTS). The database also listed E.L. Yeager I-15 project yard, located at I-15 Freeway at Dale Evans in Apple Valley, California as having an inactive county of San Bernardino hazardous waste special generator permit. No indications of the E.L. Yeager yard were observed during the site visit.

Due to the status of these facilities and the proximity to the site, these facilities are not considered environmental concerns to the site.

Aerial Photograph Review

The following table summarizes Ninyo & Moore's review of the available aerial photographs for Victorville 3 Station:

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Table 2 – Aerial Photographs, Victorville 3 Station

Aerial Photograph Date	Victorville 3 Station
1953	Resolution in this photo was poor, and therefore evidence of significant development was not apparent.
1989-2002	Primarily undeveloped land and sparse dirt roads, with the exception of the Dale Evans Parkway interchange and overhead power lines were visible.

Review of the aerial photos did not reveal evidence of significant environmental concerns to the site.

Site Reconnaissance

A small pile of debris, including PVC pipe, wood, concrete, and exhaust manifolds, was observed in the central portion site (Figure 2B). This debris should be removed and transported to an appropriate off-site facility, prior to construction. High voltage overhead power lines were observed in the area of the proposed Victorville 3 Station. Although these items do not pose an environmental concern to the site, they may interfere with construction. No evidence of releases or environmental concerns was noted within the proposed Victorville 3 Station area.

Adjoining properties around the Victorville 3 Station include the I-15, Dale Evans Parkway interchanges, and primarily vacant undeveloped land.

The Victorville 3 Station is located within close proximity to the I-15. Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

No other properties of environmental concern to the site were noted during the site reconnaissance.

Provided Documents for Review

Documents were not provided for review regarding the proposed Victorville 3 Station.

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5. MITIGATION MEASURES

5.1. Operational Impacts

- **OI-1** – Rail base operational activities, such as vehicle maintenance, would have the potential for future releases of hazardous materials.

5.2. Operational Mitigation Measures

- **OMM-1** – Desert Xpress facilities that use, store, or dispose of hazardous materials will, in accordance with state and local regulations, submit a Hazardous Materials Management Plan to the relevant local agency (fire department or health department) and be subject to inspections by that local agency to assure compliance with the plan and to evaluate possible hazardous materials releases. Facilities emitting toxic air emissions will submit inventories and plans to the appropriate air quality management district and be subject to permitting and monitoring regulations of the district. Desert Xpress facilities installing and operating chemical storage tanks will install and operate tanks under permit to the local agency regulating the operation of ASTs and USTs.

5.3. Construction Impacts

- **CI-1** – Demolition of structures, if encountered during site construction, may result in the exposure of the public and/or the environment to LBP and/or ACMs.

- **CI-2** – Construction activities may encounter previously unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-3** – Construction activities, including demolition, may encounter or generate hazardous or solid wastes and debris and may result in the exposure of the public and/or the environment to hazardous materials.

- **CI-4** – Construction activities may result in exposure of the public and/or the environment to contaminated soil and/or contaminated groundwater at properties unidentified as properties of potential environmental concern. Based on our understanding of the proposed construction, there is a low likelihood that construction will disturb groundwater.

- **CI-5** – Construction activities along the I-15 R/W may result in exposure of the public and/or the environment to soil contaminated with ADL.

- **CI-6** – Construction activities at the proposed Segment 4, Options C and D and at the proposed Victorville 3 Station may encounter overhead power lines and underground utilities.

- **CI**-7 – Construction activities may encounter wastes associated with landfills, tailings, and evaporation ponds, associated with mining activities in the southern area of the proposed Segment 4, Option D.

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5.4. Construction Mitigation Measures:

- **CMM-1** – Prior to construction activities, project applicant or the contractors should conduct an evaluation of all buildings if to be encountered during site construction and to be demolished, to determine the presence of ACMs and LBP. Remediation should be implemented in accordance with the recommendations of these evaluations.

- **CMM-2** – Project applicant or its contractors will prepare a hazardous materials contingency plan addressing the potential for discovery of unidentified USTs, hazardous materials, petroleum hydrocarbons, or hazardous or solid wastes encountered during construction. This contingency plan will address UST decommissioning, field screening and materials testing methods, mitigation and contaminant management requirements, and health and safety requirements.

- **CMM-3** – Construction contractors will dispose of all hazardous or solid wastes and debris encountered or generated during construction and demolition activities in accordance with all federal, state, and local laws and regulations.

- **CMM-4** – Project applicant or its contractor will prepare a soil monitoring plan prior to construction and will implement it during all phases of construction. Disturbed soils will be monitored for visual evidence of contamination (e.g., staining or discoloration). Soil will be monitored for the presence of Volatile Organic Compounds (VOCs) using appropriate field instruments such as organic vapor measurement with photoionization

detectors (PIDs) or flame ionization detectors (FIDs). If the monitoring procedures indicate the possible presence of contaminated soil, a contaminated soil contingency plan will be implemented and will include procedures for segregation, sampling, and chemical analysis of soil. Contaminated soil will be profiled for disposal and will be transported with appropriate hazardous or non-hazardous waste manifests by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the type of waste indicated by the profiling process. The contaminated soil contingency plan will be developed and in place during all construction activities. In the unlikely event that these processes generate any contaminated groundwater that must be disposed of outside of the dewatering/NPDES process, the groundwater will be profiled, manifested, hauled, and disposed of in the same manner.

Alternatively, preparation of a Phase II ESA will be prepared. In general, the Phase II ESA includes the following:

- A work plan that includes the numbers and locations of proposed soil borings/monitoring wells, sampling intervals, drilling and sampling methods, analytical methods, sampling rationale, site geohydrology, field screening methods, quality control/quality assurance, and reporting methods. Where appropriate, the work plan is approved by a regulatory agency such as the San Bernardino County Fire Department.

- A site-specific Health and Safety Plan (HSP) signed by a Certified Industrial Hygienist.

- Necessary permits for encroachment, boring completion, and well installation.

- A traffic safety plan.

- Sampling program (fieldwork) in accordance with the work plan and HSP. Fieldwork shall be completed under the supervision of a State of California professional geologist.

- Hazardous materials testing through a state-certified laboratory.

- Documentation including a description of field procedures, boring logs/well construction diagrams, tabulations of analytical results, cross-sections, an evaluation of the levels and extent of contaminants found, and conclusions and recommendations regarding the environmental condition of the site and the need for further assessment. Recommendations may include additional assessment or handling of the contaminants found though the contaminated soil contingency plan. If the contaminated soil contingency plan is inadequate for the contamination found, a remedial action plan will be developed. Contaminated groundwater will generally be handled though the NPDES/dewatering process.

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- Disposal process including transport by a state-certified hazardous material hauler to a state-certified disposal or recycling facility licensed to accept and treat the identified type of waste.

Project applicant or its contractors will obtain a NPDES permit. In areas of suspected contaminated groundwater, special conditions will apply with regard to acquisition of the NPDES permit, including testing and monitoring, as well as discharge limitations under the NPDES permits.

- **CMM-5** – Unpaved soil along the I-15 within the project boundaries should be investigated for the presence of aerially deposited lead. This assessment should be completed during the design phase or as described under CMM-4 (Phase II ESA).

- **CMM-6** – Construction plans should clearly identify all overhead power lines and underground utilities. The plans should indicate that the contractor will protect in-place power lines and utilities.

- **CMM**-7 – Prior to design phase, location of the southern area of Segment 4, Option D, should be evaluated relative to the existing mining facilities and activities.

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6. REFERENCES

CH3MHILL, 2007, Phase I ESA Report, Ivanpah Solar Electric Generating System, San Bernardino County, California, dated August.

Environmental FirstSearch™ Report, 2009, Jean NV 89019, dated September 14.

Environmental FirstSearch™ Report, 2009, 20500 Dale Evans Pkwy, Apple Valley, California, 92307, dated September 14.

Ninyo & Moore, 2007, Hazardous Materials Assessment, Proposed Desert Xpress Corridor, Victorville, California, to Las Vegas, Nevada, dated March 23.

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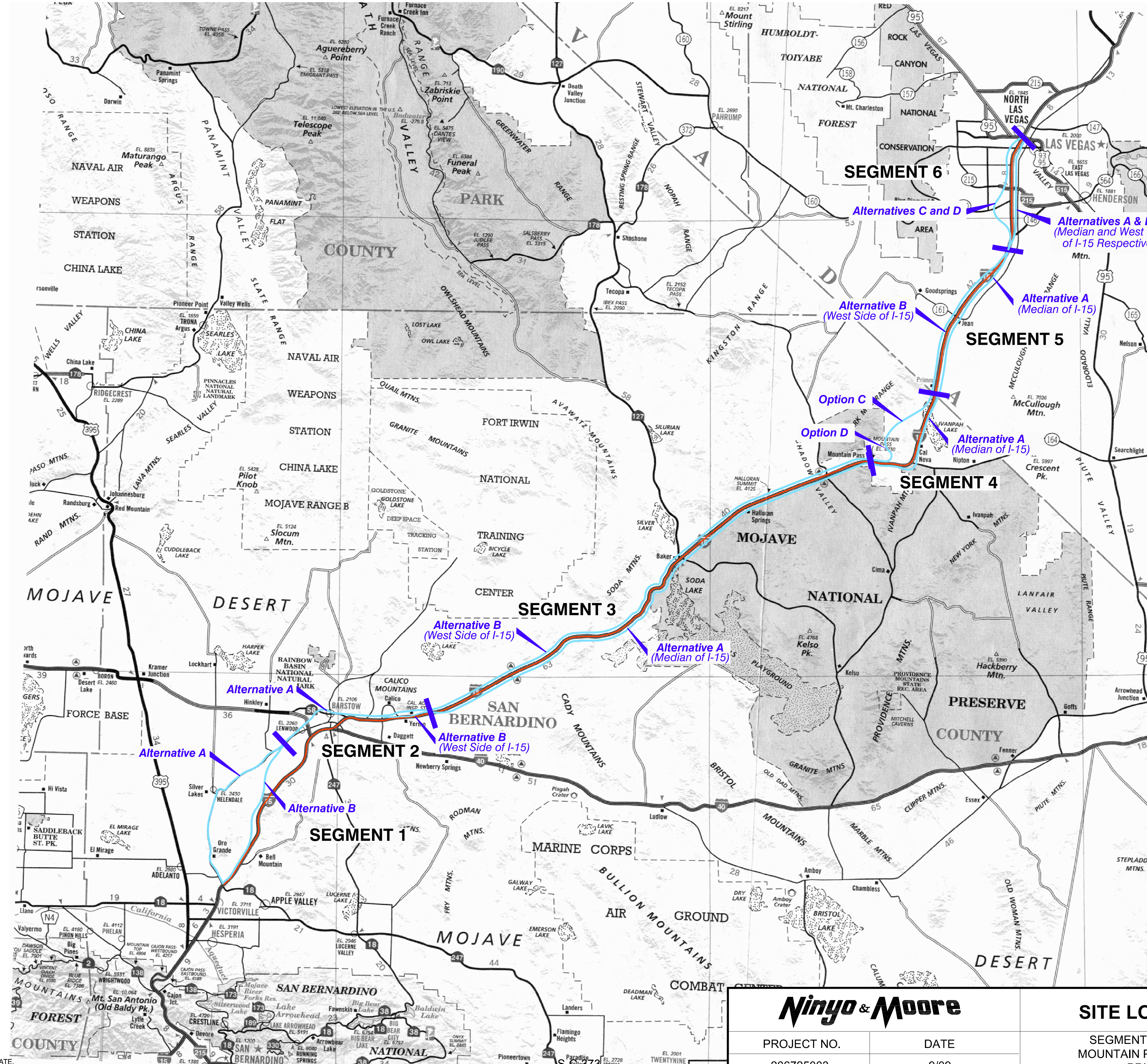


LEGEND

- I-5 ALIGNMENT
- PROPOSED ALIGNMENTS

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

206725_B1.DWG

Ninyo & Moore

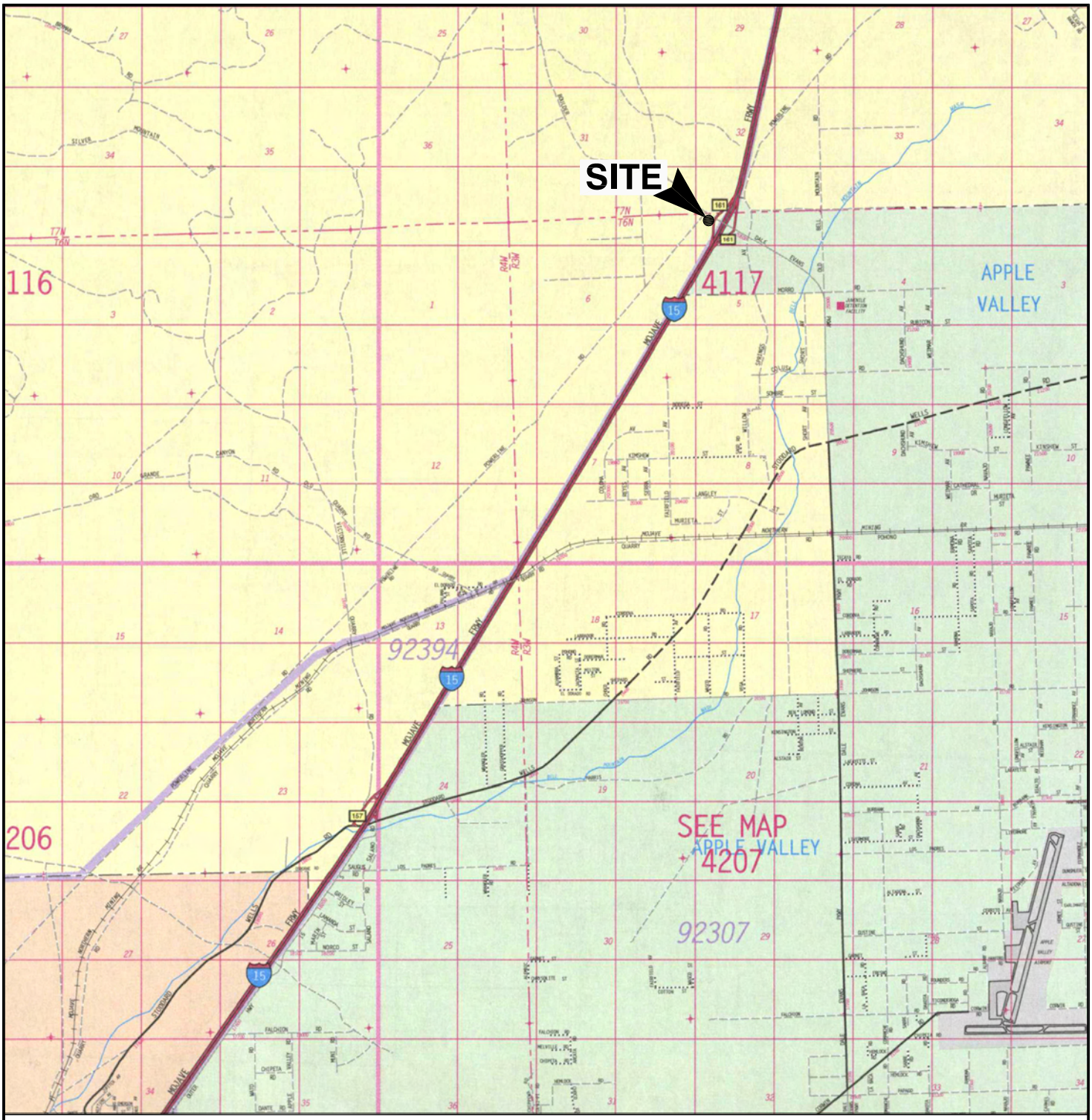
PROJECT NO.	DATE
206725003	9/09

SITE LOCATION MAP

SEGMENT 4, OPTION C AND D
MOUNTAIN PASS, CALIFORNIA TO
PRIMM, NEVADA

FIGURE

1A



206725_A1.DWG

REFERENCE: 2007 THOMAS GUIDE FOR SAN BERNARDINO AND RIVERSIDE COUNTIES, STREET GUIDE AND DIRECTORY

APPROXIMATE SCALE IN FEET

0 4800 9600

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Map © Rand McNally, R.L.07-S-129

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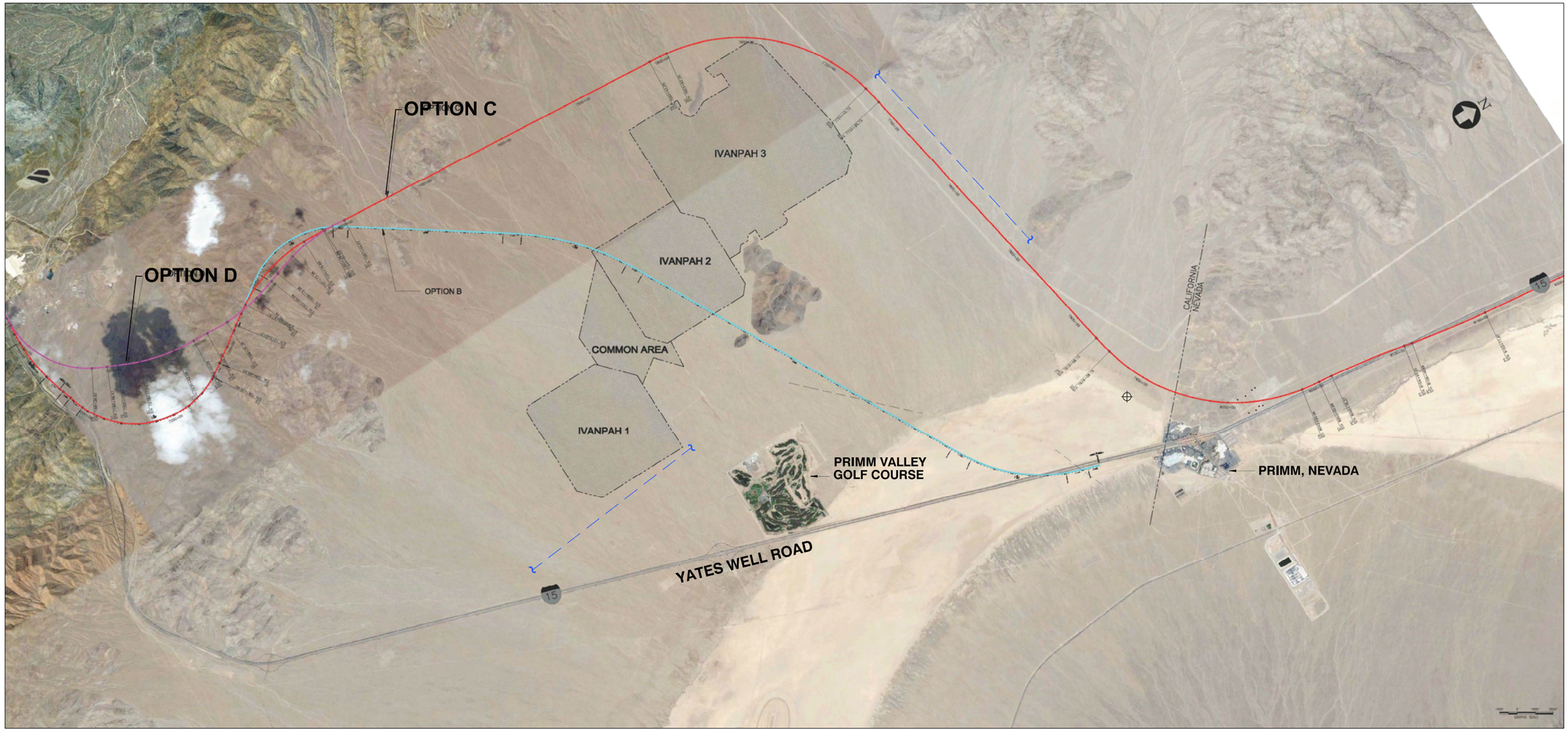
Ninyo & Moore	SITE LOCATION MAP	FIGURE
PROJECT NO. 206725003 / DATE 9/09	VICTORVILLE 3 STATION APPLE VALLEY, CALIFORNIA S-C-374	1B



REFERENCE: EKN ENGINEERING, UNDATED.

LEGEND	
— — — — — —	APPROXIMATE WELL LOCATION OF BURIED UTILITY LINES
⊕	APPROXIMATE WELL LOCATION

APPROXIMATE SCALE IN FEET

0 6,000 12,000

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

S-C-375

206725_B2.DWG

Ninyo & Moore		SITE MAP	FIGURE
PROJECT NO.	DATE	SEGMENT 4, OPTION C AND D MOUNTAIN PASS, CALIFORNIA TO PRIMM, NEVADA	2A
206725003	9/09		

REFERENCE: EKN ENGINEERING, UNDATED.

LEGEND	
	DEBRIS PILE

APPROXIMATE SCALE IN FEET

0 1,200 2,400

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

S-C-376

206725_B3.DWG

Ninyo & Moore		SITE MAP	FIGURE
PROJECT NO.	DATE	VICTORVILLE 3 STATION APPLE VALLEY, CALIFORNIA	2B
206725003	9/09		

DRAFT

APPENDIX A

FIRSTSEARCH™ ENVIRONMENTAL DATABASE REPORTS

TRACK ➤ INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

JEAN NV 89019

Job Number: 206725003

PREPARED FOR:

Ninyo & Moore

475 Goodard

Irvine, CA 92618

09-14-09

Tel: (866) 664-9981 *Fax: (818) 249-4227*

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Environmental FirstSearch
Search Summary Report

Target Site:

JEAN NV 89019

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	06-12-09	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	06-12-09	0.50	0	0	0	0	-	0	0
CERCLIS	Y	07-28-09	0.50	0	0	0	0	-	0	0
NFRAP	Y	07-28-09	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	07-14-09	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	07-14-09	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	07-14-09	0.25	0	0	0	-	-	1	1
RCRA NLR	Y	05-13-09	0.12	0	0	-	-	-	0	0
Federal IC / EC	Y	08-06-09	0.25	0	0	0	-	-	0	0
ERNS	Y	06-16-09	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	0	0
State/Tribal Sites	Y	04-06-09	1.00	0	0	0	0	0	0	0
State/Tribal SWL	Y	06-27-02	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	04-06-09	0.50	0	0	0	1	-	0	1
State/Tribal UST/AST	Y	04-03-09	0.25	0	0	0	-	-	0	0
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	04-06-09	0.50	0	0	0	0	-	0	0
State Other	Y	03-01-09	0.25	0	0	0	-	-	0	0
- TOTALS -				0	0	0	1	0	1	2

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch
Site Information Report

Request Date:	09-14-09	**Search Type:**	LINEAR
Requestor Name:	beth padgett		15.14 mile(s)
Standard:	ASTM-05	**Job Number:**	206725003
		Filtered Report	

Target Site:

JEAN NV 89019

Demographics

Sites:	2	**Non-Geocoded:**	1	**Population:**	NA
Radon:	NA				

Site Location

	Degrees (Decimal)	**Degrees (Min/Sec)**		**UTMs**
Longitude:	-115.444649	-115:26:41	**Easting:**	640994.802
Latitude:	35.542175	35:32:32	**Northing:**	3934084.351
			Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0.25 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
92364	NIPTON	CA	0.00 --	Y

Services:

	Requested?	Date
Sanborns	No	
Aerial Photographs	Yes	09-14-09
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

Target Property: JEAN NV 89019

JOB: 206725003

TOTAL: 2 **GEOCODED:** 1 **NON GEOCODED:** 1 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	1	LUST	PRIMM VALLEY RESORT AND CASINO, TR 8-002090/CLOSED	31900 SOUTH LAS VEGAS BOULE Primm NV 89019	0.30 SE	1

Environmental FirstSearch
Sites Summary Report

Target Property: JEAN NV 89019

JOB: 206725003

TOTAL: 2 **GEOCODED:** 1 **NON GEOCODED:** 1 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
2	2	RCRAGN	COLOSSEUM MINE CAD982459968/SGN	1000 COLOSEUM MINE RD CLARK CLARK MOUNTAIN CA 92364	NON GC	

Environmental FirstSearch
Site Detail Report

Target Property: JEAN NV 89019

JOB: 206725003

LUST

SEARCH ID: 1 **DIST/DIR:** 0.30 SE **MAP ID:** 1

NAME:	PRIMM VALLEY RESORT AND CASINO, TRAVEL CENTER	**REV:**	04/04/07
ADDRESS:	31900 SOUTH LAS VEGAS BOULEVARD	**ID1:**	8-002090
	PRIMM NV 89019	**ID2:**	
	Clark	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	

RELEASE INFORMATION

Date Release Reported to NDEP:	*07/31/2006*
Type of Event:	*Closed*
Type of Media Impacted:	*Soil*
Substance Released:	*Gasoline, 25 gallon surface spill effecting the soil.*

CLOSED CASE INFORMATION

Closure Date:	*07/20/2007*
Closure Type:	*NAC 445A A-K*

AGENCY TRACKING INFORMATION

Program:	*Mobile Source*
NDEP Case Officer:	*jdotchin*
Location of Paper File:	*NDEP: Las Vegas*

Environmental FirstSearch
Site Detail Report

Target Property: JEAN NV 89019

JOB: 206725003

RCRAGN

SEARCH ID: 2 **DIST/DIR:** NON GC **MAP ID:**

NAME:	COLOSSEUM MINE	**REV:**	7/14/09
ADDRESS:	1000 COLOSEUM MINE RD CLARK MT	**ID1:**	CAD982459968
	BAKER CA 92364	**ID2:**	
	SAN BERNARDINO	**STATUS:**	SGN
CONTACT:		**PHONE:**	

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
1000 COLOSSEUM MINE RD
CLARK MOUNTAIN CA 92364

PHONE: 7023673883

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch Descriptions

NPL: ***EPA*** NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.
A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.
FINAL - Currently on the Final NPL
PROPOSED - Proposed for NPL

NPL DELISTED: ***EPA*** NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. 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.
DELISTED - Deleted from the Final NPL

CERCLIS: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.
PART OF NPL- Site is part of NPL site
DELETED - Deleted from the Final NPL
FINAL - Currently on the Final NPL
NOT PROPOSED - Not on the NPL
NOT VALID - Not Valid Site or Incident
PROPOSED - Proposed for NPL
REMOVED - Removed from Proposed NPL
SCAN PLAN - Pre-proposal Site
WITHDRAWN - Withdrawn

NFRAP: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This 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 a potential NPL site.
NFRAP – No Further Remedial Action Plan
P - Site is part of NPL site
D - Deleted from the Final NPL
F - Currently on the Final NPL
N - Not on the NPL
O - Not Valid Site or Incident
P - Proposed for NPL
R - Removed from Proposed NPL
S - Pre-proposal Site
W – Withdrawn

RCRA COR ACT: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM

TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that generate or transport hazardous waste or meet other RCRA requirements.
LGN - Large Quantity Generators
SGN - Small Quantity Generators
VGN – Conditionally Exempt Generator.
Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

RCRA NLR: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification:
Failure to report in a timely matter.
No longer in business.
No longer in business at the listed address.
No longer generating hazardous waste materials in quantities which require reporting.

Federal IC / EC: ***EPA*** BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.
FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

ERNS: ***EPA/NRC*** EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: ***DOI/BIA*** INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

State/Tribal Sites: ***NV DOC*** CORRECTIVE ACTION CASES- The Bureau of Corrective Actions maintains a list of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. This includes various types of sites including those regulated under Nevada State legislation described in detail in the Nevada State web site under legislation section NAC445.226-NAC445.2739.

State/Tribal Sites: ***CA EPA*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.
The SMBRPD displays information in six categories. The categories are:
1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).
Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.
CORTESE LIST-Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program. The CAL EPA Dept. of Toxic Substances Control compiles information from subsets of the following databases to make up the CORTESE list:
1. The Dept. of Toxic Substances Control; contaminated or potentially contaminated hazardous waste sites listed in the CAL Sites database. Formerly known as ASPIS are included (CALSITES formerly known as ASPIS).
2. The California State Water Resources Control Board; listing of Leaking Underground Storage Tanks are included (LTANK)
3. The California Integrated Waste Management Board; Sanitary Landfills which have evidence of groundwater contamination or known migration of hazardous materials (formerly WB-LF, now AB 3750).
Note: Track Info Services collects each of the above data sets individually and lists them separately in the following First Search categories in order to provide more current and comprehensive information: CALSITES: SPL, LTANK: LUST, WB-LF: SWL

State/Tribal SWL: ***NV DOC*** SOLID WASTE LANDFILLS-This division maintains an inventory of various solid waste facilities including open, closed, & permitted landfills, dumps, pesticide sites, and transfer stations. The inventory notes landfill class type and if the site is a private or government facility.

State/Tribal SWL: ***CA IWMB/SWRCB/COUNTY*** SWIS SOLID WASTE INFORMATION SYSTEM-The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed in the source field..
Please Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.
WMUDS-The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (WMU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.
Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.
ORANGE COUNTY LANDFILLS LIST- A list maintained by the Orange County Health Department.

State/Tribal LUST: ***CA SWRCB/COUNTY*** LUSTIS- The State Water Resources Control Board maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.
SAN DIEGO COUNTY LEAKING TANKS- The San Diego County Department of Environmental Health maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number

listed in the source information field.

State/Tribal LUST: ***NV DOC*** LEAKING UNDERGROUND STORAGE TANKS- This division maintains an inventory of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed.
WASHOE COUNTY LEAKING UNDERGROUND STORAGE TANKS- This department maintains a list of sites with leaking underground storagetanks. It includes sites with tanks under investigation for potentialleaks, confirmed leaks, and those to be closed or needing emergency action.

State/Tribal UST/AST: ***NV DOC/EPA 9*** UNDERGROUND STORAGE TANKS- This division maintains an inventory of underground storage tanks.
INDIAN LANDS UST LIST-A listing of underground storage tanks currently on Indian lands under federal jurisdiction. Nevada Indian Lands USTs are administered by US EPA Region 9.
ABOVE GROUND STORAGE TANKS- This division maintains an inventory of sites with above ground storage tanks. For more information regarding specific sites, please call the number listed above.
Please Note: AST sites are listed within the UST area of the First Search reports. They can be identified as AST sites by the site ID number. The site ID number islocated in the Site Summary or Site Details section of the report. The site ID notes "AST" before the agency id.

State/Tribal UST/AST: ***CA EPA/COUNTY/CITY*** ABOVEGROUND STORAGE TANKS LISTING-The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.
SWEEPS / FIDS STATE REGISTERED UNDEGROUND STORAGE TANKS- Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. Track Info Services included the UST information from the FIDS database in its First Search reports for historical purposes to help its clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed with the source information.
INDIAN LANDS UNDERGROUND STORAGE TANKS LIST- A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTS are administered by US EPA Region 9.
CUPA DATABASES & SOURCES- Definition of a CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.
A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.
Please Note: Track Info Services, LLC collects and maintains information regarding Underground Storage Tanks from majority of the CUPAS and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefor, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

State/Tribal IC: ***CA EPA*** DEED-RESTRICTED SITES LISTING- The California EPA's Department of Toxic Substances Control Board maintains a list of deed-restricted sites, properties where the DTSC has placed limits or requirements on the future use of the property due to varying levels of cleanup possible, practical or necessary at the site.

State/Tribal VCP: ***CA EPA*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:
1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type VC. Each Category contains information on properties based upon the type of work taking place at the site. The VC category contains only those properties undergoing voluntary investigation and/or cleanup and which are listed in the Voluntary Cleanup Program.

State/Tribal Brownfields: ***NV DOC/EPA*** BROWNFIELDS SITES- The Bureau of Corrective Actions maintains a list of brownfield sites as part of its listing of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. The NDEP defines a brownfield as an abandoned, idled, or underused industrial or commercial properties taken out of productive use because of real or perceived risks from environmental contamination.
Brownfields Management System (BMS) is an analytical database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

RADON: ***NTIS*** NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Other: ***US DOJ*** NATIONAL CLANDESTINE LABORATORY REGISTER - Database of 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 U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

State Other: ***CA EPA/COUNTY*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.
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2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).
Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.
LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG- The County of Los Angeles Public Health Investigation Compliant Control Log.
ORANGE COUNTY INDUSTRIAL SITE CLEANUPS- List maintained by the Orange County Environmental Health Agency.
RIVERSIDE COUNTY WASTE GENERATORS-A list of facilities in Riverside County which generate hazardous waste.
SACRAMENTO COUNTY MASTER HAZMAT LIST-Master list of facilities within Sacramento County with potentially hazardous materials.
SACRAMENTO COUNTY TOXIC SITE CLEANUPS-A list of sites where unauthorized releases of potentially hazardous materials have occurred.

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: JEAN NV 89019

JOB: 206725003

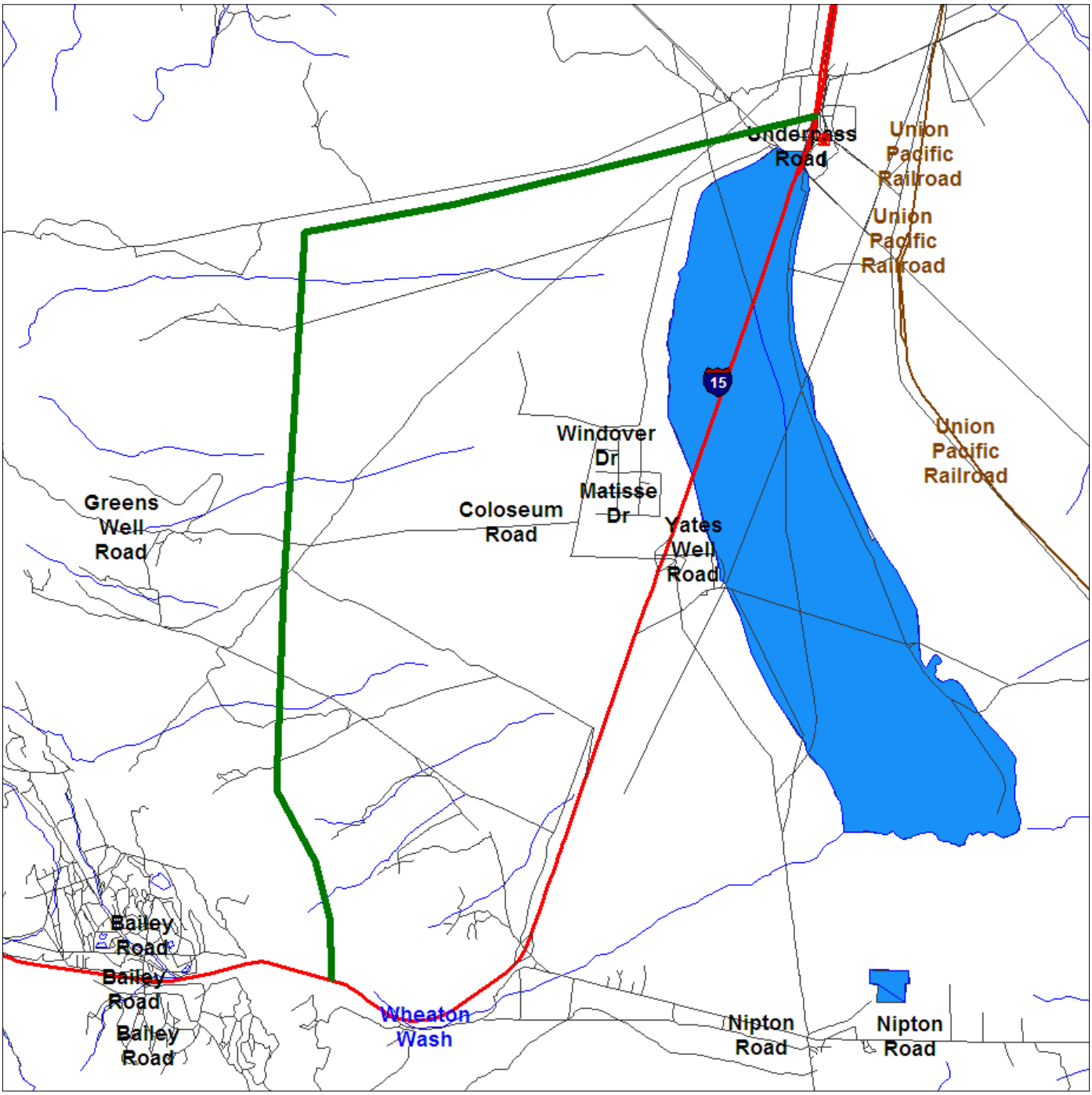
Street Name	Dist/Dir	Street Name	Dist/Dir
Buffalo Mtn Rd	0.06 SE		
Coloseum Rd	0.00 --		
E Primm Blvd	0.24 SE		
I-15	0.00 --		
S Las Vegas Blvd	0.06 SE		
State Route 604	0.00 --		
W Primm Blvd	0.22 SE		

Environmental FirstSearch

1 Mile Radius from Line

Single Map:

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

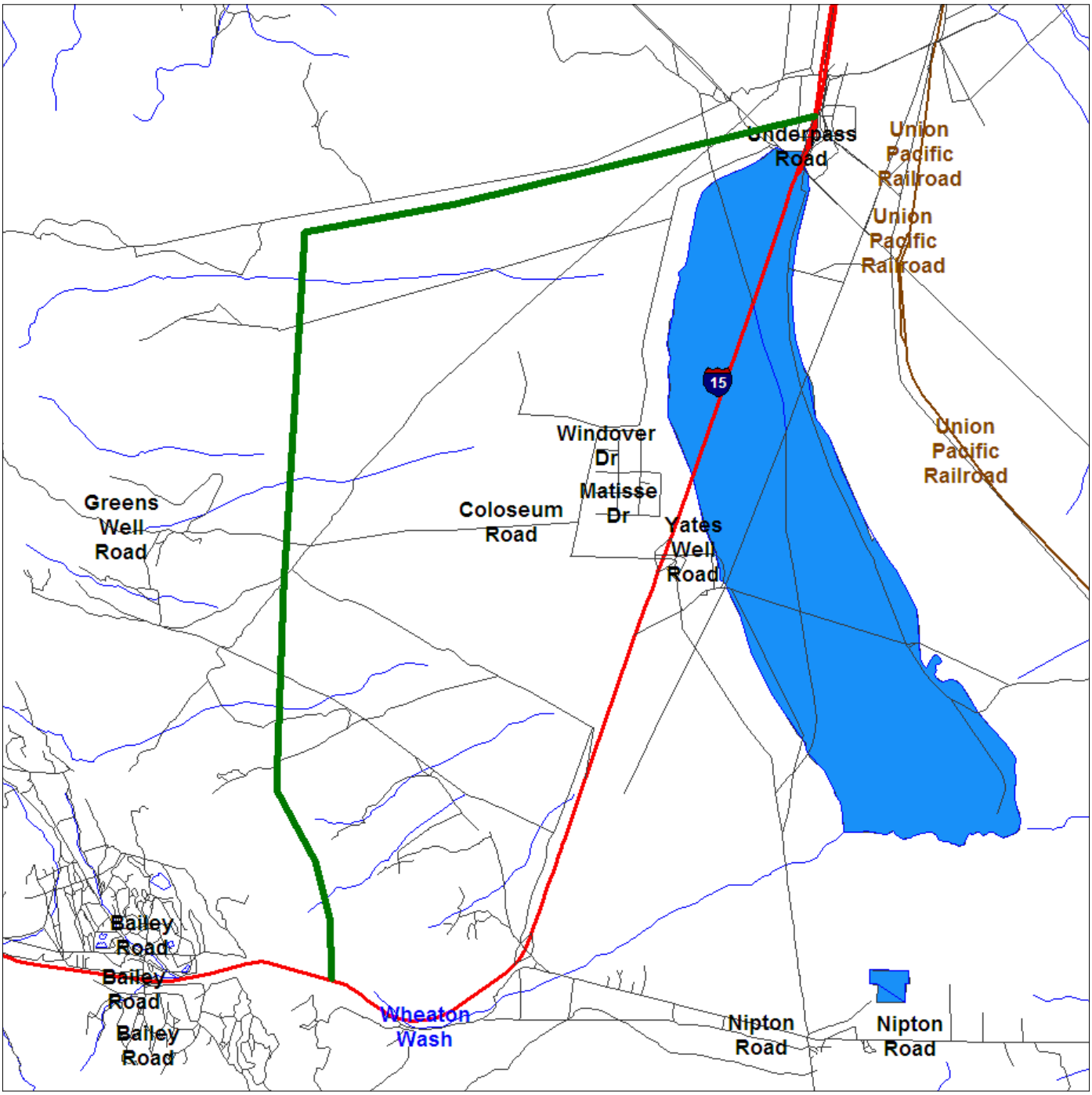
Railroads .....

Environmental FirstSearch

1 Mile Radius from Line

ASTM-05: NPL, RCRACOR, STATE

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

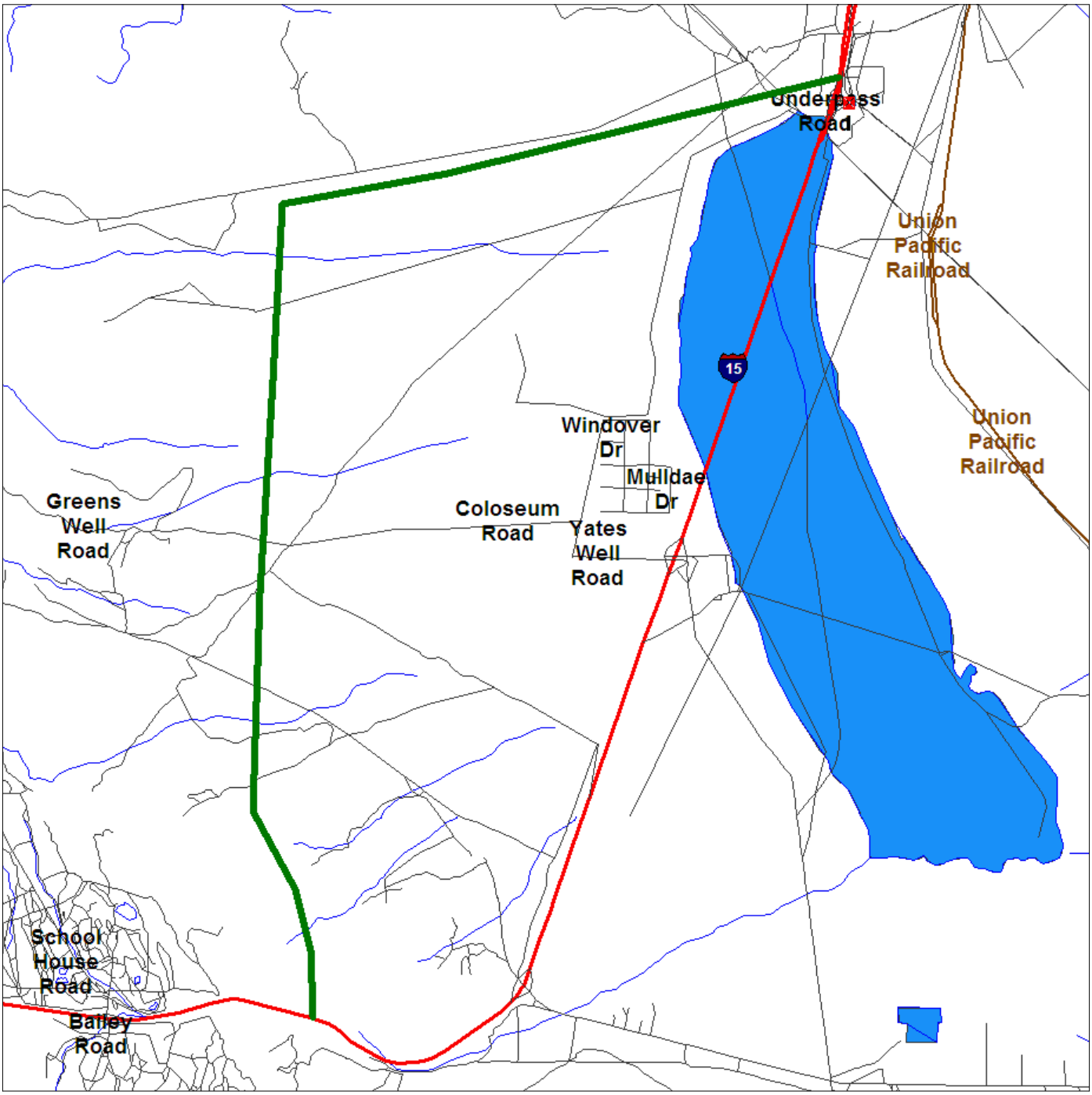
Railroads .....

Environmental FirstSearch

.5 Mile Radius from Line

ASTM-05: Multiple Databases

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

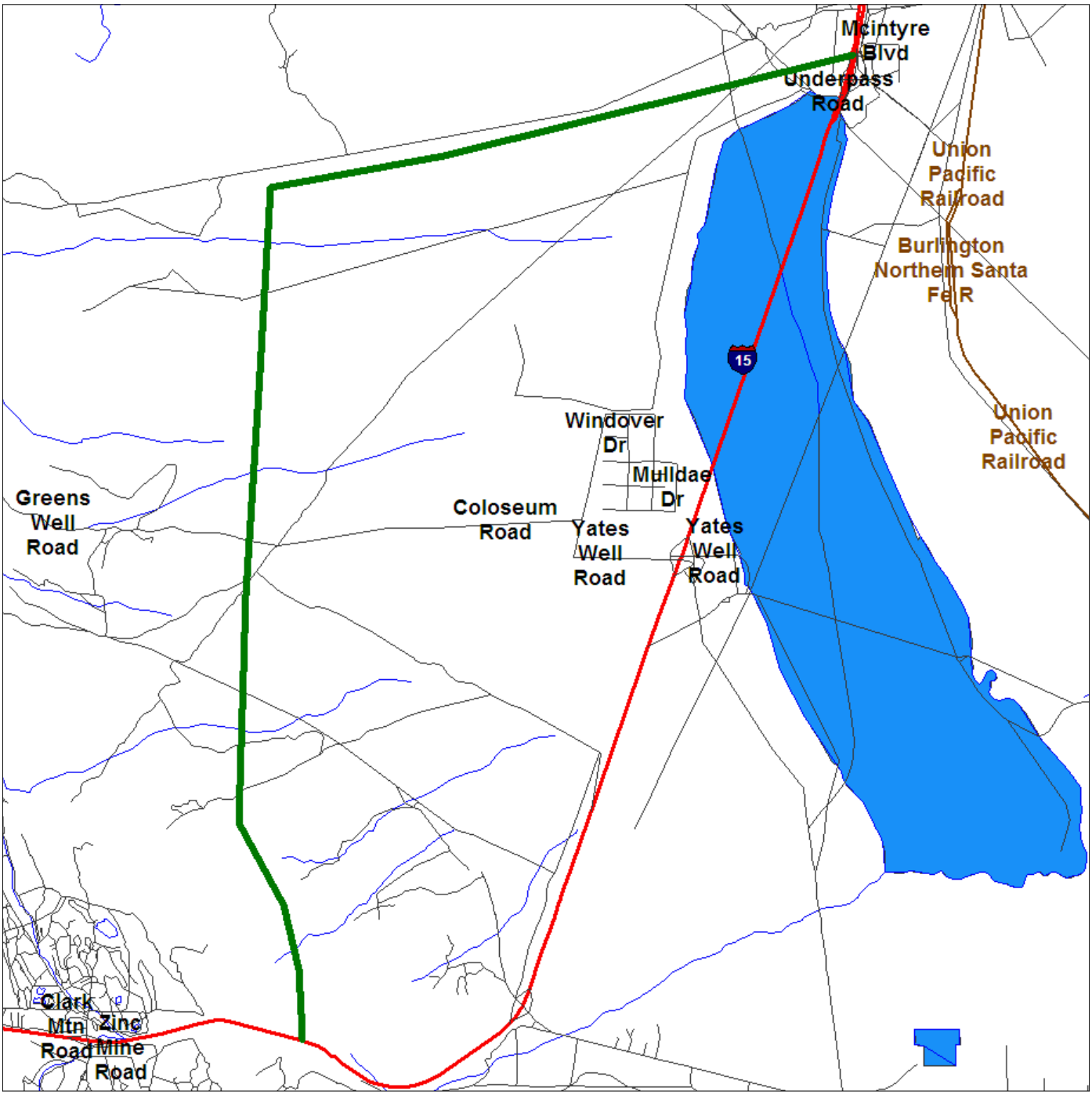
Railroads .....

Environmental FirstSearch

.25 Mile Radius from Line

ASTM-05: RCRAGEN, UST, OTHER

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

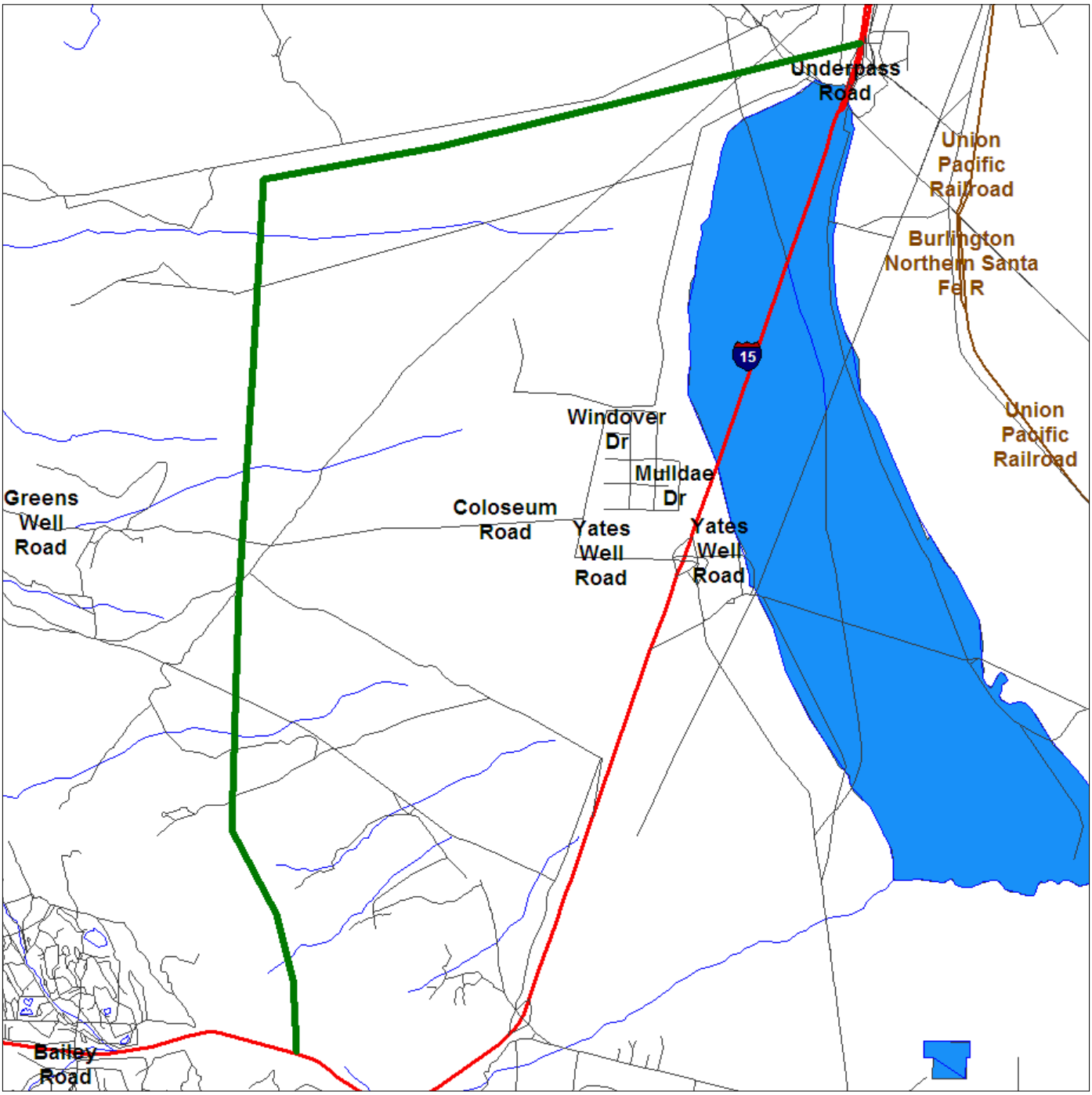
Railroads .....

Environmental FirstSearch

.12 Mile Radius from Line

ASTM-05: ERNS, RCRANLR

, JEAN NV 89019



Source: U.S. Census TIGER Files

Linear Search Line .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

TRACK ➢ INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

20500 DALE EVANS PKWY

APPLE VALLEY CA 92307

Job Number: 206725003

PREPARED FOR:

Ninyo & Moore

475 Goodard

Irvine, CA 92618

09-14-09

Tel: (866) 664-9981 *Fax: (818) 249-4227*

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Environmental FirstSearch
Search Summary Report

Target Site: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	06-12-09	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	06-12-09	0.50	0	0	0	0	-	0	0
CERCLIS	Y	07-28-09	0.50	0	0	0	0	-	0	0
NFRAP	Y	07-28-09	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	07-14-09	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	07-14-09	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	07-14-09	0.25	0	0	0	-	-	0	0
RCRA NLR	Y	05-13-09	0.12	0	0	-	-	-	0	0
Federal IC / EC	Y	08-06-09	0.25	0	0	0	-	-	0	0
ERNS	Y	06-16-09	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	0	0
State/Tribal Sites	Y	01-16-09	1.00	0	0	0	0	0	0	0
State Spills 90	Y	05-22-09	0.12	0	0	-	-	-	0	0
State/Tribal SWL	Y	04-27-09	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	04-28-09	0.50	0	0	0	0	-	0	0
State/Tribal UST/AST	Y	05-13-09	0.25	0	0	0	-	-	0	0
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	08-05-09	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	01-16-09	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	NA	0.50	0	0	0	0	-	0	0
State Permits	Y	04-16-08	0.25	0	0	0	-	-	2	2
State Other	Y	05-05-09	0.25	0	0	0	-	-	0	0
- TOTALS -				0	0	0	0	0	2	2

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch
Site Information Report

Request Date:	09-14-09	**Search Type:**	COORD
Requestor Name:	beth padgett	**Job Number:**	206725003
Standard:	ASTM-05	**Filtered Report**	

Target Site: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

Demographics

Sites: 2 **Non-Geocoded:** 2 **Population:** NA

Radon: NA

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-117.219287	-117:13:9	**Easting:**	479903.125
Latitude:	34.644756	34:38:41	**Northing:**	3833474.39
			Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
92368	ORO GRANDE	CA	0.26 NW	Y

Services:

	Requested?	Date
Sanborns	No	
Aerial Photographs	Yes	09-14-09
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

Target Property: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

JOB: 206725003

TOTAL: 2 **GEOCODED:** 0 **NON GEOCODED:** 2 **SELECTED:** 0

Page No.	ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	2	PERMITS	LOWE S OF SAN FRANCISCO 2720 CAL000329551/ACTIVE	15000 DALE EVANS PKWY APPLE VALLEY CA 92307	NON GC	
3	1	PERMITS	E.L. YEAGER- I-15 PROJECT YARD FA0007969/INACTIVE	I-15 FWY AT DALE EVANS APPLE VALLEY CA 92307	NON GC	

Environmental FirstSearch
Site Detail Report

Target Property: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

JOB: 206725003

PERMITS

SEARCH ID: 2 **DIST/DIR:** NON GC **MAP ID:**

NAME:	LOWE S OF SAN FRANCISCO 2720	**REV:**	04/16/08
ADDRESS:	15000 DALE EVANS PKWY	**ID1:**	CAL000329551
	APPLE VALLEY CA 92307	**ID2:**	
	San Bernardino	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

THE CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY (HWMI)
SITE INFORMATION FROM THE CA EPA AND DTSC HAZARDOUS WASTE TRACKING SYSTEM (HWTS) :

Date Record was Created:	*2/8/2008 10:54:28 AM*
Inactivity Date:	
Facility Mail Name:	
Facility Mailing Address:	*PO BOX 1000 LPMO, MOOREVILLE, NC 28115*
Owner Name:	*LOWE S HIW INC*
Owner Address:	*101 ANDOVER PARK E 200, TUKWILA, WA 98188*
Contact Name:	*ROB GASS*
Contact Address:	*PO BOX 1000 LPMO, MOOREVILLE, NC 28115*
Contact Phone:	*7047586033*

Environmental FirstSearch
Site Detail Report

Target Property: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

JOB: 206725003

PERMITS

SEARCH ID: 1 **DIST/DIR:** NON GC **MAP ID:**

NAME: E.L. YEAGER- I-15 PROJECT YARD
ADDRESS: I-15 FWY AT DALE EVANS
APPLE VALLEY CA 92307
SAN BERNARDINO
CONTACT:

REV: 02/11/04
ID1: FA0007969
ID2:
STATUS: INACTIVE
PHONE:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *SPECIAL GENERATOR(B)*
Permit Number: *PT0013963*
Status: *INACTIVE*
Expiration Date: *10/31/2004 12:00:00AM*
Facility Phone:
Owner Name: *E.L. YEAGER*
Owner Address:
Owner Address:
Owner Phone:

COUNTY OF SAN BERNARDINO HAZARDOUS WASTE GENERATORS PERMITS INFORMATION:

Permit Category: *HAZMAT HANDLER 0-10 EMPLOYEES*
Permit Number: *PT0013964*
Status: *INACTIVE*
Expiration Date: *10/31/2005 12:00:00AM*
Facility Phone:
Owner Name: *E.L. YEAGER*
Owner Address:
Owner Address:
Owner Phone:

Environmental FirstSearch Descriptions

NPL: ***EPA*** NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.
A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.
FINAL - Currently on the Final NPL
PROPOSED - Proposed for NPL

NPL DELISTED: ***EPA*** NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. 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.
DELISTED - Deleted from the Final NPL

CERCLIS: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.
PART OF NPL- Site is part of NPL site
DELETED - Deleted from the Final NPL
FINAL - Currently on the Final NPL
NOT PROPOSED - Not on the NPL
NOT VALID - Not Valid Site or Incident
PROPOSED - Proposed for NPL
REMOVED - Removed from Proposed NPL
SCAN PLAN - Pre-proposal Site
WITHDRAWN - Withdrawn

NFRAP: ***EPA*** COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This 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 a potential NPL site.
NFRAP – No Further Remedial Action Plan
P - Site is part of NPL site
D - Deleted from the Final NPL
F - Currently on the Final NPL
N - Not on the NPL
O - Not Valid Site or Incident
P - Proposed for NPL
R - Removed from Proposed NPL
S - Pre-proposal Site
W – Withdrawn

RCRA COR ACT: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM

TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities that generate or transport hazardous waste or meet other RCRA requirements.
LGN - Large Quantity Generators
SGN - Small Quantity Generators
VGN – Conditionally Exempt Generator.
Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

RCRA NLR: ***EPA*** RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.
Facilities not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification:
Failure to report in a timely matter.
No longer in business.
No longer in business at the listed address.
No longer generating hazardous waste materials in quantities which require reporting.

Federal IC / EC: ***EPA*** BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.
FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

ERNS: ***EPA/NRC*** EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: ***DOI/BIA*** INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

State/Tribal Sites: ***CA EPA*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at

properties that may have been affected by the release of hazardous substances.
The SMBRPD displays information in six categories. The categories are:
1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).
Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.
CORTESE LIST-Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program. The CAL EPA Dept. of Toxic Substances Control compiles information from subsets of the following databases to make up the CORTESE list:
1. The Dept. of Toxic Substances Control; contaminated or potentially contaminated hazardous waste sites listed in the CAL Sites database. Formerly known as ASPIS are included (CALSITES formerly known as ASPIS).
2. The California State Water Resources Control Board; listing of Leaking Underground Storage Tanks are included (LTANK)
3. The California Integrated Waste Management Board; Sanitary Landfills which have evidence of groundwater contamination or known migration of hazardous materials (formerly WB-LF, now AB 3750).
Note: Track Info Services collects each of the above data sets individually and lists them separately in the following First Search categories in order to provide more current and comprehensive information: CALSITES: SPL, LTANK: LUST, WB-LF: SWL

State Spills 90: ***CA EPA*** SLIC REGIONS 1 - 9- The California Regional Water Quality Control Boards maintain report of sites that have records of spills, leaks, investigation, and cleanups.

State/Tribal SWL: ***CA IWMB/SWRCB/COUNTY*** SWIS SOLID WASTE INFORMATION SYSTEM-The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed in the source field..
Please Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.
WMUDS-The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (WMU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.
Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.
ORANGE COUNTY LANDFILLS LIST- A list maintained by the Orange County Health Department.

State/Tribal LUST: ***CA SWRCB/COUNTY*** LUSTIS- The State Water Resources Control Board maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.
SAN DIEGO COUNTY LEAKING TANKS- The San Diego County Department of Environmental Health maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number listed in the source information field.

State/Tribal UST/AST: ***CA EPA/COUNTY/CITY*** ABOVEGROUND STORAGE TANKS LISTING-The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a

groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.
SWEEPS / FIDS STATE REGISTERED UNDEGROUND STORAGE TANKS- Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. Track Info Services included the UST information from the FIDS database in its First Search reports for historical purposes to help its clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed with the source information.
INDIAN LANDS UNDERGROUND STORAGE TANKS LIST- A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTS are administered by US EPA Region 9.
CUPA DATABASES & SOURCES- Definition of a CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.
A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.
Please Note: Track Info Services, LLC collects and maintains information regarding Underground Storage Tanks from majority of the CUPAS and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefor, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

State/Tribal IC: ***CA EPA*** DEED-RESTRICTED SITES LISTING- The California EPA's Department of Toxic Substances Control Board maintains a list of deed-restricted sites, properties where the DTSC has placed limits or requirements on the future use of the property due to varying levels of cleanup possible, practical or necessary at the site.

State/Tribal VCP: ***CA EPA*** SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.
The SMBRPD displays information in six categories. The categories are:
1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type VC. Each Category contains information on properties based upon the type of work taking place at the site. The VC category contains only those properties undergoing voluntary investigation and/or cleanup and which are listed in the Voluntary Cleanup Program.

RADON: ***NTIS*** NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Permits: ***CA COUNTY*** SAN DIEGO COUNTY HE17 PERMITS- The HE17/58 database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations that the County oversees. It tracks if a site is a hazardous waste generator, TSD, gas station, has underground tanks, violations, or unauthorized releases. For more information on a specific file call the HazMat Duty Specialist at the phone number listed in the source information field.
SAN BERNARDINO COUNTY HAZARDOUS MATERIALS PERMITS- Handlers and Generators Permit Information Maintained by the Hazardous Materials Division.

State Other: ***CA EPA/COUNTY*** SMBRPD / CAL SITES- The California Department of Toxic Substances

Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.
The SMBRPD displays information in six categories. The categories are:
1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).
Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.
LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG- The County of Los Angeles Public Health Investigation Compliant Control Log.
ORANGE COUNTY INDUSTRIAL SITE CLEANUPS- List maintained by the Orange County Environmental Health Agency.
RIVERSIDE COUNTY WASTE GENERATORS-A list of facilities in Riverside County which generate hazardous waste.
SACRAMENTO COUNTY MASTER HAZMAT LIST-Master list of facilities within Sacramento County with potentially hazardous materials.
SACRAMENTO COUNTY TOXIC SITE CLEANUPS-A list of sites where unauthorized releases of potentially hazardous materials have occurred.

State Other: ***US DOJ*** NATIONAL CLANDESTINE LABORATORY REGISTER - Database of 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 U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 20500 DALE EVANS PKWY
APPLE VALLEY CA 92307

JOB: 206725003

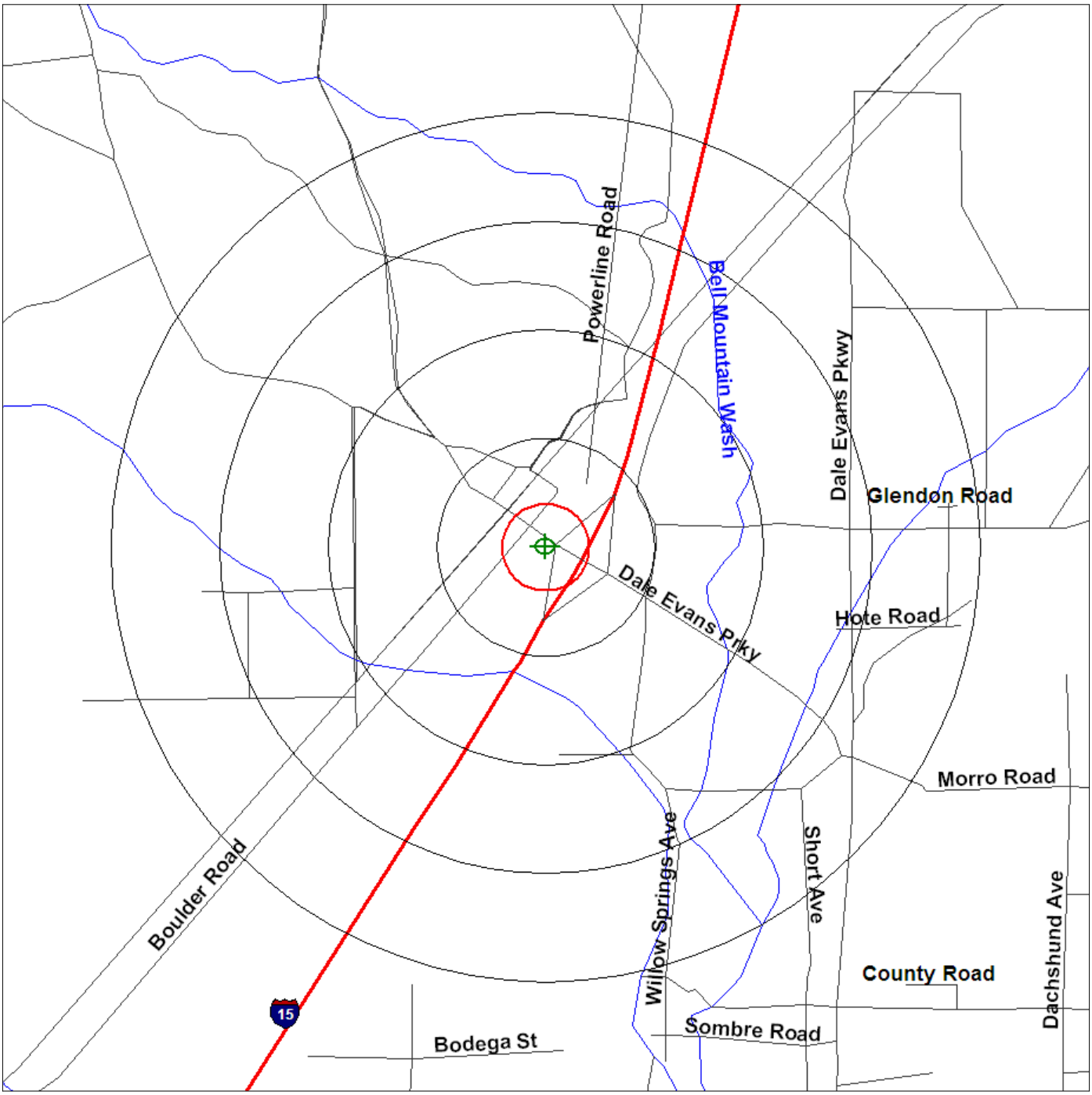
Street Name	Dist/Dir	Street Name	Dist/Dir
Boulder Rd	0.02 NE		
Dale Evan s Prky	0.09 SE		
I-15	0.09 SE		
Powerline Rd	0.17 NE		
Willow Springs Rd	0.24 SE		

Environmental FirstSearch

1 Mile Radius

Single Map:

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

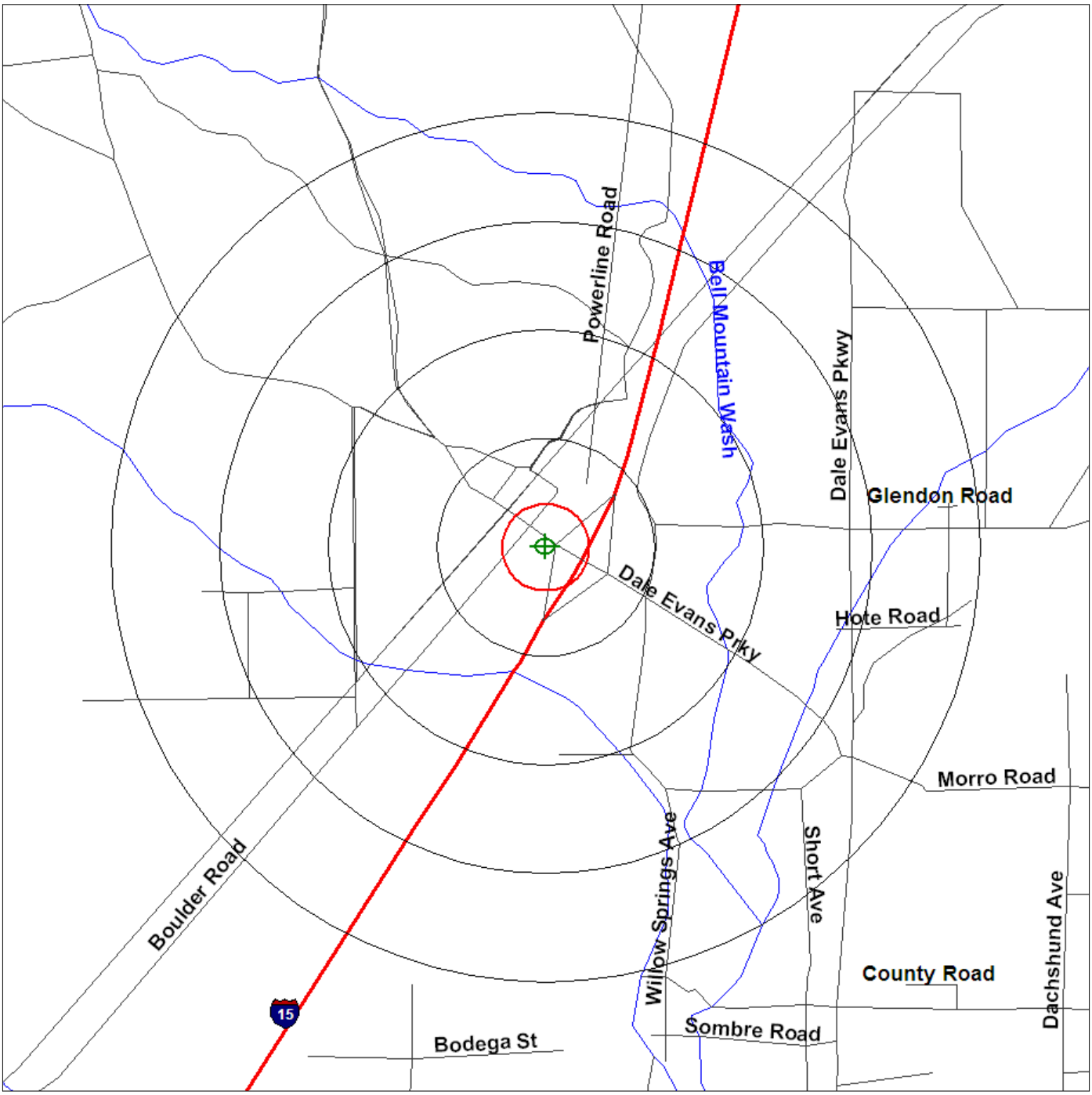
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

1 Mile Radius

ASTM-05: NPL, RCRACOR, STATE

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

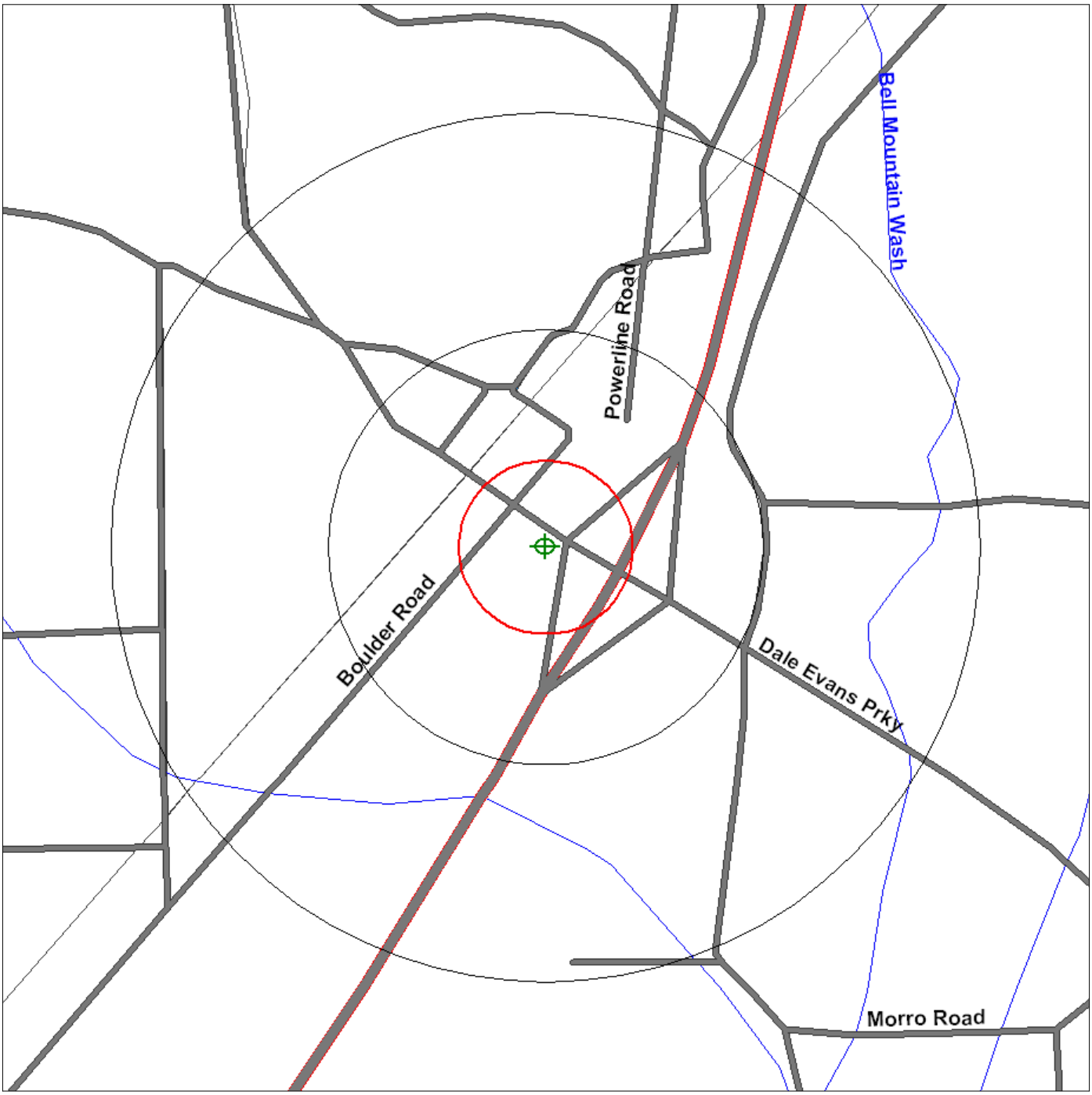
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.5 Mile Radius

ASTM-05: Multiple Databases

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

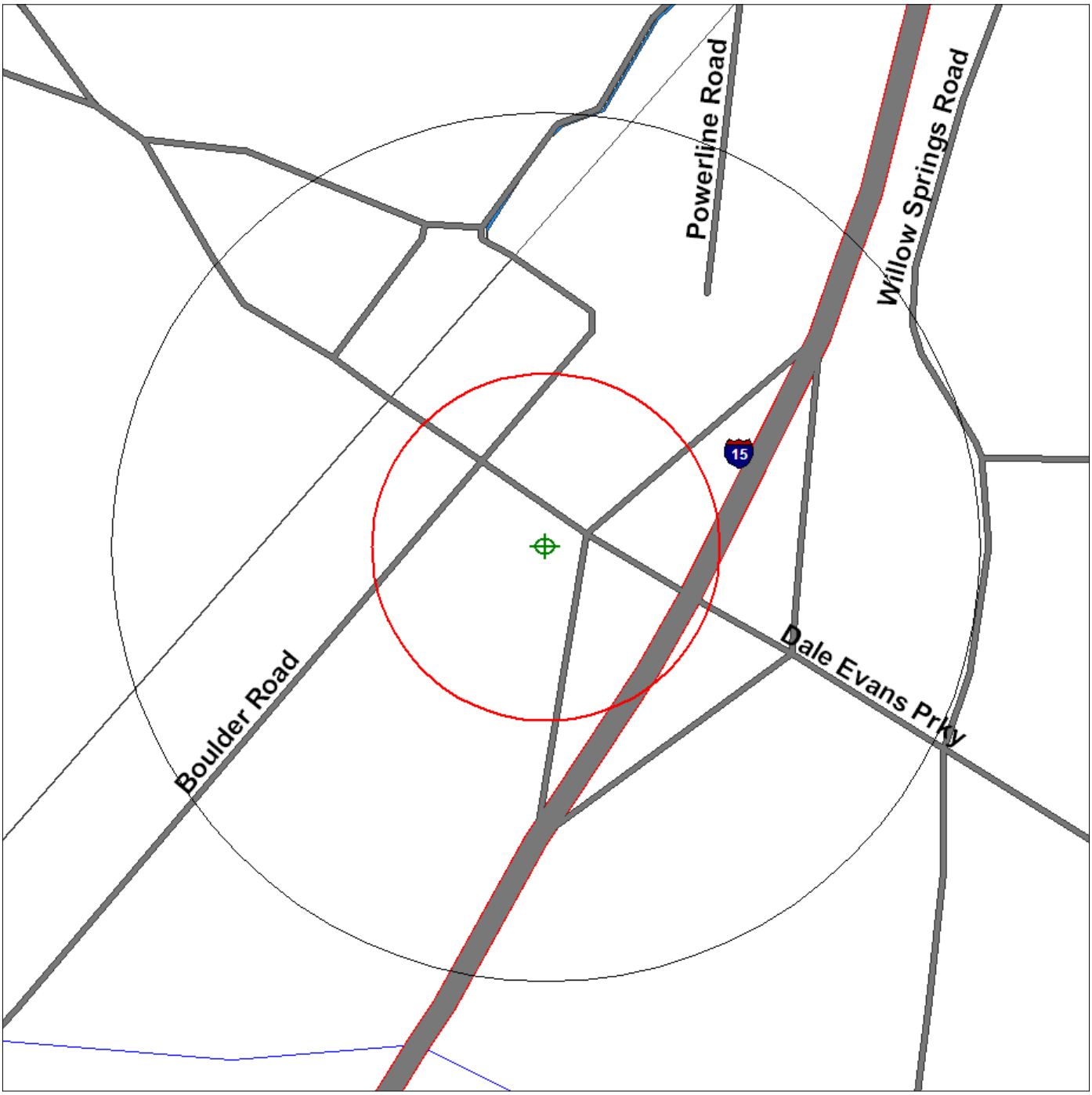
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

ASTM-05: RCRAGEN, UST, PERMITS, OTHER

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

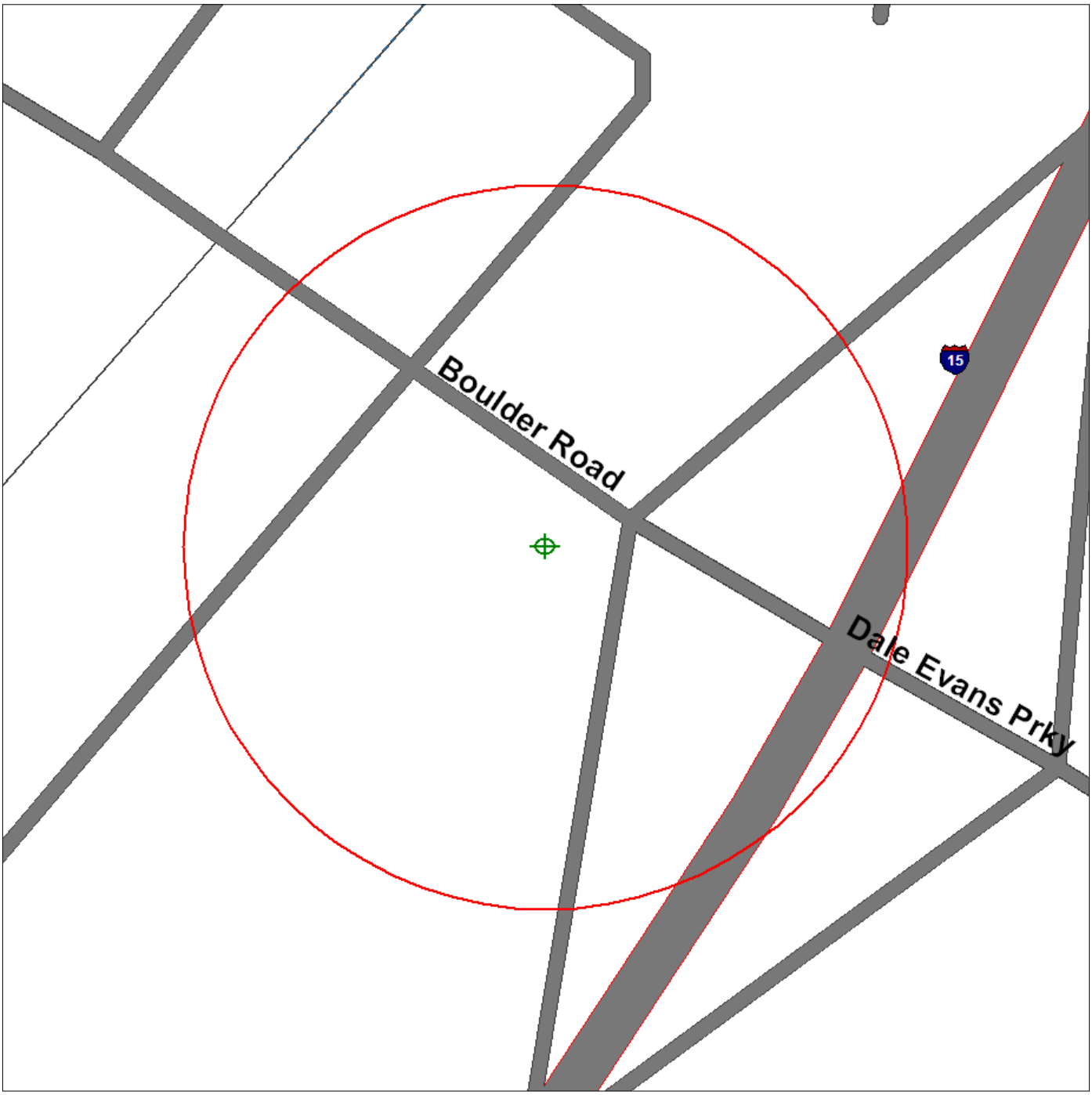
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.12 Mile Radius

ASTM-05: SPILLS90, ERNS, RCRANLR

20500 DALE EVANS PKWY, APPLE VALLEY CA 92307



Source: U.S. Census TIGER Files

Target Site (Latitude: 34.644756 Longitude: -117.219287) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

DRAFT

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

DRAFT

SEGMENT 4, OPTIONS C AND D

Photograph No. 1: **Looking west across the northern portion of the proposed Option C.**

Photograph No. 2: **Looking east across the northern portion of the proposed Option C, toward Primm, Nevada.**

Photograph No. 3: **Looking south at well in the vicinity of the proposed Option C.**

Photograph No. 4: **Looking southwest toward the proposed Option C area.**

Photograph No. 5: **Looking north at the proposed Option C area. Primm, Nevada can be observed in the background.**

Photograph No. 6: **Looking west toward the southern section of the proposed Option C.**

Photograph No. 7: **Looking northwest at the area for proposed Option D.**

Photograph No. 8: **Looking north from the I-15, toward the area for the proposed Option D.**

Photograph No. 9: **Looking north at area east of the proposed Options C and D. Primm, Nevada, and the Primm Valley Golf Course can be observed.**

Photograph No. 10: **Looking north from the I-15 at the properties west and north of the southernmost part of proposed Option D.**

DRAFT

VICTORVILLE 3 STATION

Photograph No. 1: **Looking south from Dale Evans Parkway at the proposed Victorville 3 Station area.**

Photograph No. 2: **Looking west across the proposed Victorville 3 Station area, at vacant land.**

Photograph No. 3: **Looking east across proposed Victorville 3 Station area, Dale Evans Parkway and the I-15 were observed.**

Photograph No. 4: **High voltage power lines observed bisecting the site from the north to the south.**

Photograph No. 5: **Debris pile located in the central portion of the proposed Victorville 3 Station area.**

Photograph No. 6: **Looking north away from the site from Dale Evans Parkway at vacant land.**

Photograph No. 7: **Looking east, from north of the site, at Dale Evans Parkway and the I-15.**

Photograph No. 8: **Looking south at the southern portion of the site, beyond which vacant land is observed.**

Photograph No. 9: **Looking west across site, beyond which vacant land is observed.**

DRAFT

APPENDIX C

RELEVANT SITE INFORMATION

Track Info Services, LLC

Historical Aerial Photo

Site: 20500 Dale Evans Pkwy, Apple Valley, CA 92307

Photo Year: 2002

Job Number: 206725003

Original Scale of Photo: 1:40,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

≈ 375 ft

Copyright: Track Info Services, LLC

Track Info Services, LLC

Historical Aerial Photo

Site: 20500 Dale Evans Pkwy, Apple Valley, CA 92307

Photo Year: 1994

Job Number: 206725003

Original Scale of Photo: 1:40,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

≈ 375 ft

Copyright: Track Info Services, LLC

Track Info Services, LLC

Historical Aerial Photo

Site: 20500 Dale Evans Pkwy, Apple Valley, CA 92307

Photo Year: 1989

Job Number: 206725003

Original Scale of Photo: 1:40,000

Approximate Scale of This Image: 1 in equals 750 ft

Coverage Area Approximately 1/2 Mile Radius from Subject Site

≈ 750 ft

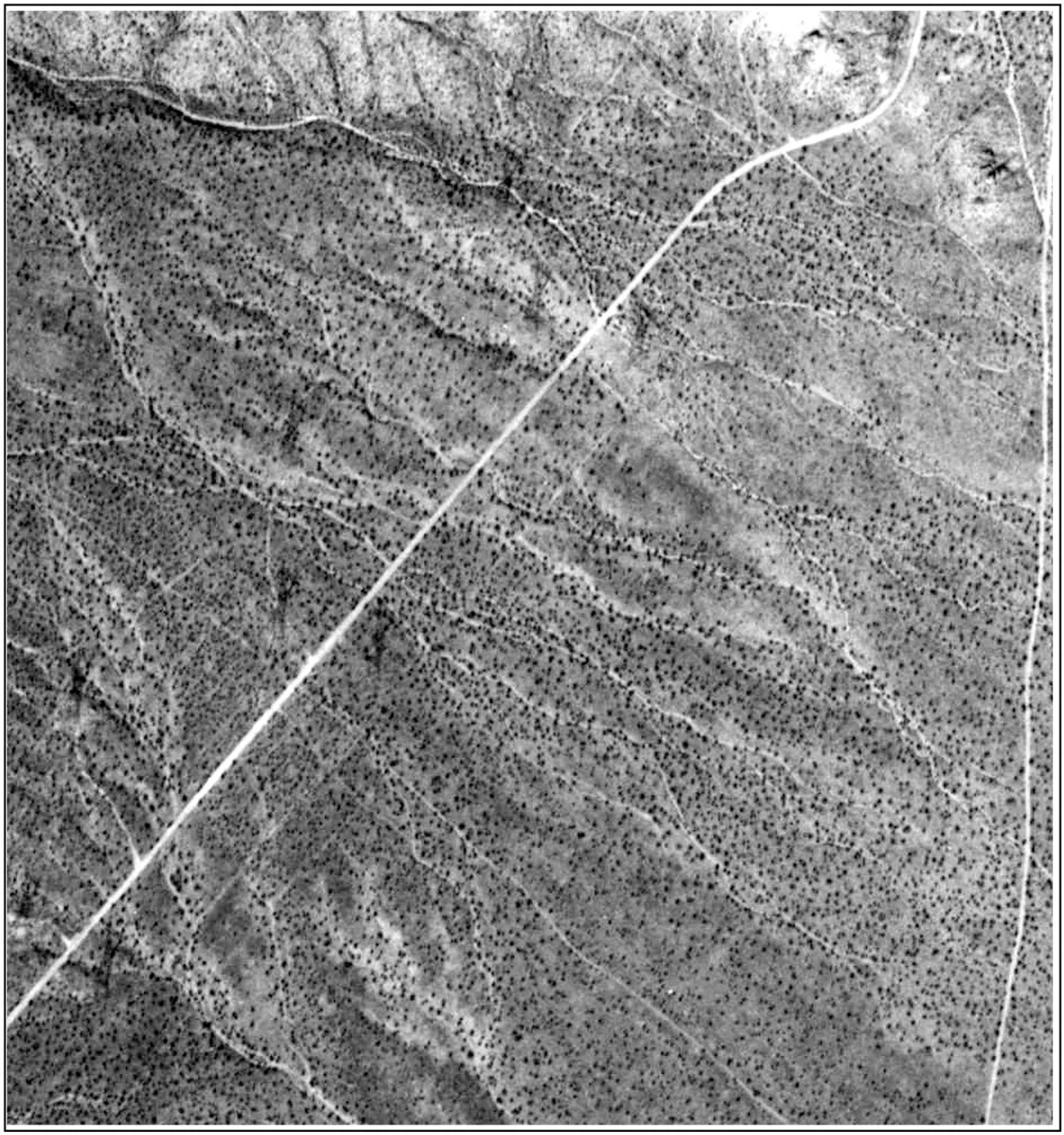
Copyright: Track Info Services, LLC

Track Info Services, LLC

Historical Aerial Photo

Site: 20500 Dale Evans Pkwy, Apple Valley, CA 92307

Photo Year: 1953



Job Number: 206725003

Original Scale of Photo: 1:20,000

Approximate Scale of This Image: 1 in equals 375 ft

Coverage Area Approximately 1/4 Mile Radius From Subject Site

≈ 375 ft

Copyright: Track Info Services, LLC

DesertXpress - Frias Substation
West Frias Avenue
Las Vegas, NV 89141

Inquiry Number: 2754499.1s
April 26, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

FORM-NULL-ASH

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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

WEST FRIAS AVENUE
LAS VEGAS, NV 89141

COORDINATES

Latitude (North):	36.002000 - 36˚ 0' 7.2''
Longitude (West):	115.182200 - 115˚ 10' 55.9''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	663842.3
UTM Y (Meters):	3985497.8
Elevation:	2288 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	36115-A2 LAS VEGAS SW, NV
Most Recent Revision:	1984
South Map:	35115-H2 SLOAN, NV
Most Recent Revision:	1989

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

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

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-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Sites Database

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

SWF/LF..... Landfill List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

UST..... Underground Storage Tank List
AST..... Aboveground Storage Tank List
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Sites

EXECUTIVE SUMMARY

INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ..... Project Tracking Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
SWRCY ..... Recycling Information Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LUCIS ..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System

Other Ascertainable Records

RCRA-NonGen ..... RCRA - Non Generators
DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ..... Section 7 Tracking Systems
ICIS ..... Integrated Compliance Information System
PADS ..... PCB Activity Database System
MLTS ..... Material Licensing Tracking System
RADINFO ..... Radiation Information Database
FINDS ..... Facility Index System/Facility Registry System

EXECUTIVE SUMMARY

RAATS..... RCRA Administrative Action Tracking System
NPDES..... Permitted Facility Listing
AIRS..... Permitted Airs Facility Listing
HMRI..... Hazardous Materials Repository Information Data
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
COAL ASH DOE..... Sleam-Electric Plan Operation Data
PCB TRANSFORMER..... PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.. EDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

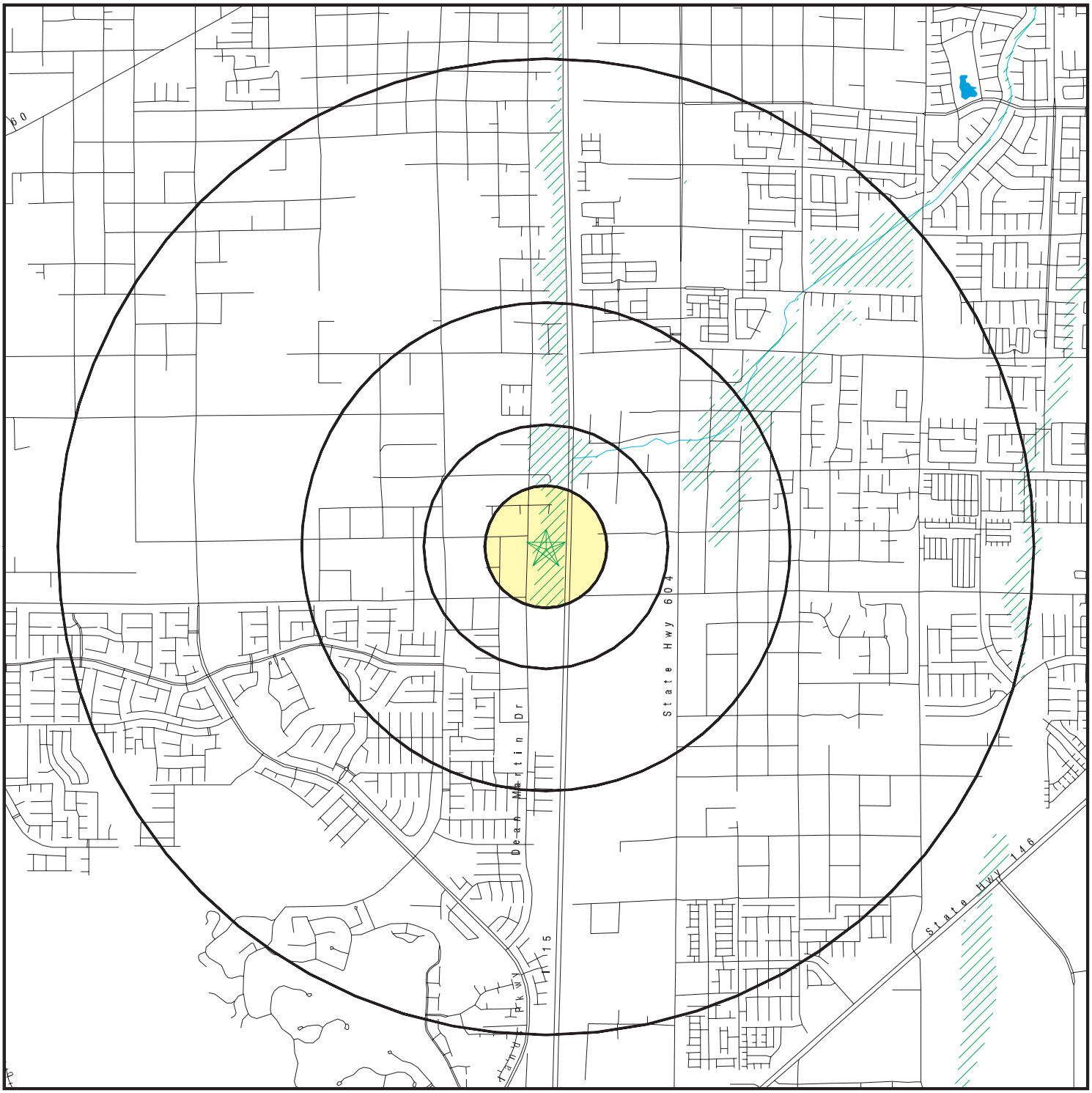
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
WERNER ENTERPRISES	HWS
AWG CHARTER SERVICES MOBILE SOURCE	HWS
WAL-MART MOBILE SOURCE	HWS
LAS VEGAS MOTOR SPEEDWAY MOBILE SO	HWS
MILLER BROTHERS EXPRESS MOBILE SOU	HWS
SAFETY KLEEN MOBILE SOURCE	HWS
SWIFT TRANSPORTATION COMPANY MOBIL	HWS
SHOWTIMES TOURS MOBILE SOURCE	HWS
KMLLAT CARRIERS MOBILE SOURCE	HWS
DISTTECH MOBILE SOURCE	HWS
MCCABES QUALITY FOODS MOBILE SOURC	HWS
GLBY PAVING MOBILE SOURCE, APN 162	HWS
GURNEY TRUCKING MOBILE SOURCE, APN	HWS
KNIGHT TRANSPORTATION MOBILE SOURC	HWS
INDIAN RIVER TRANSPORT COMPANY MOB	HWS
SPRING MOUNTAIN INTERCHANGE	HWS
PROSOURCE DISTRIBUTION	HWS
ROADWAY EXPRESS MOBILE SOURCE	HWS
VEOLIA TRANSPORTATION MOBILE SOURC	HWS
FIRST FLEET MOBILE SOURCE	HWS
MCCULLEY TRUCKING MOBILE SOURCE	HWS
HOLLAND ENTERPRISES MOBILE SOURCE	HWS
HAYCOCK PETROLEUM MOBILE SOURCE	HWS
NEVADA READY MIX CORPORATION MOBIL	HWS
VEHICLE ACCIDENT	HWS
UNITED PARCEL SERVICE	HWS
LEE CANYON FIRE STATION	HWS
RED ROCK CANYON FIRE STATION, APN	HWS
NEVADA READY MIX CORPORATION	HWS
LONE MOUNTAIN	HWS
GORDIN TRUCKING	HWS
WILLIAMS TANK LINES MOBILE SOURCE	HWS
CACTUS SPRINGS TRUCK STOP	HWS
TARGET CONSTRUCTION MOBILE SOURCE,	HWS
MISSION INDUSTRIES MOBILE SOURCE	HWS
REPUBLIC SERVICES OF SOUTHERN NEVA	HWS
LAS VEGAS PAVING CORPORATION	HWS
A HONEY WAGON MOBILE SOURCE	HWS
TERRIBLE HERBST #144 (ARCO)	LUST
ARROWHEAD-RICHIE BROS REFURP SHOP	RCRA-SQG
APEX REGIONAL WASTE MANAGMENT CENT	NPDES

OVERVIEW MAP - 2754499.1s



- 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
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

SITE NAME: DesertXpress - Frias Substation ADDRESS: West Frias Avenue Las Vegas NV 89141 LAT/LONG: 36.0020 / 115.1822	CLIENT: CirclePoint CONTACT: Michelle Knudson INQUIRY #: 2754499.1s DATE: April 26, 2010 1:14 pm

S-C-489

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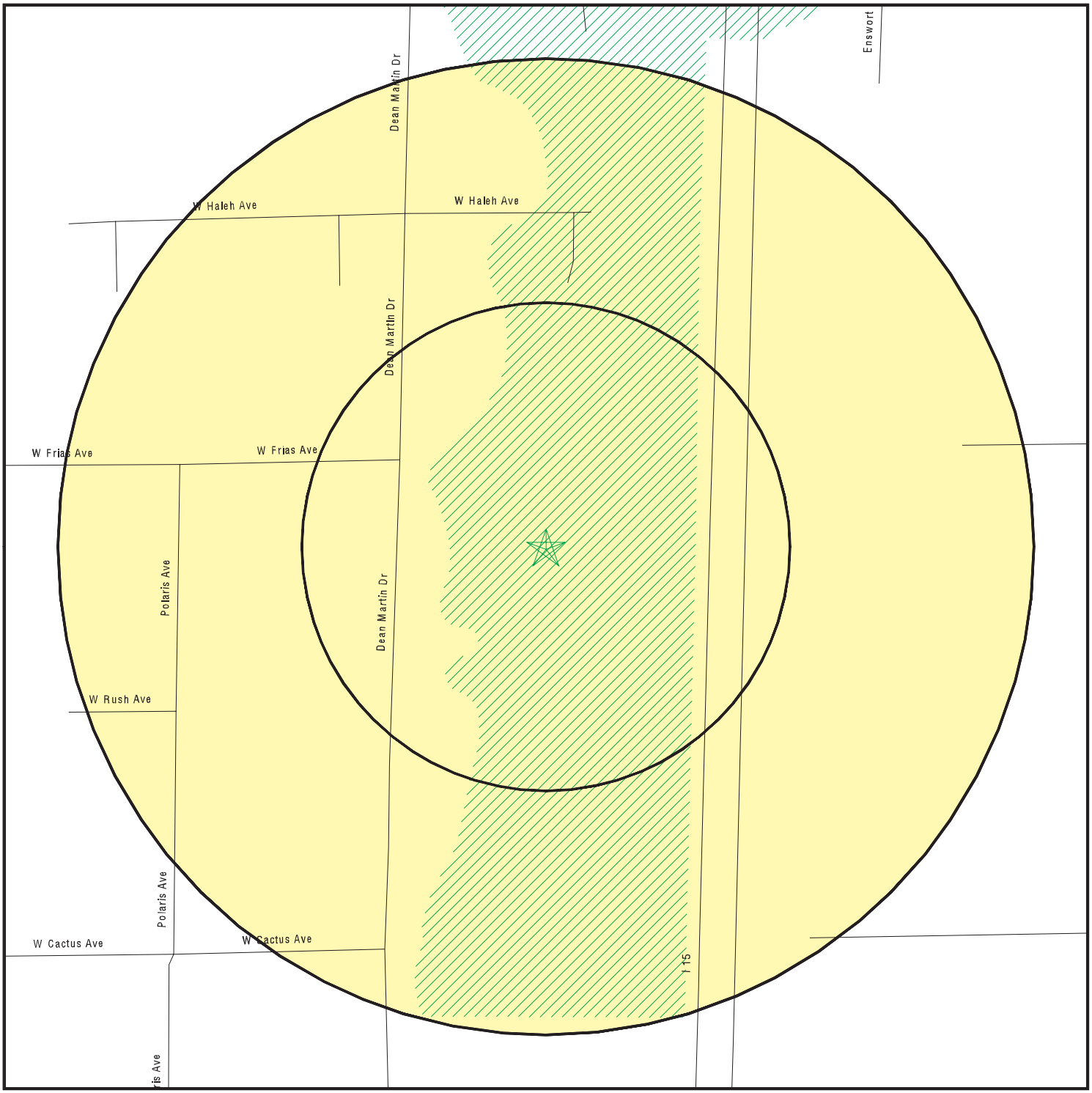
DETAIL MAP - 2754499.1s



0 1/16 1/8 1/4 Miles

- 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
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

SITE NAME: DesertXpress - Frias Substation ADDRESS: West Frias Avenue Las Vegas NV 89141 LAT/LONG: 36.0020 / 115.1822	CLIENT: CirclePoint CONTACT: Michelle Knudson INQUIRY #: 2754499.1s DATE: April 26, 2010 1:14 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
NPL LIENS		0.500	0	0	0	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.500	0	0	0	0	0	0
Federal CERCLIS list								
CERCLIS		1.000	0	0	0	0	NR	0
FEDERAL FACILITY		1.500	0	0	0	0	0	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		1.000	0	0	0	0	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.500	0	0	0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		1.000	0	0	0	0	NR	0
Federal RCRA generators list								
RCRA-LQG		0.750	0	0	0	0	NR	0
RCRA-SQG		0.750	0	0	0	0	NR	0
RCRA-CESQG		0.750	0	0	0	0	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
Federal ERNS list								
ERNS		0.500	0	0	0	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.500	0	0	0	0	0	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		1.000	0	0	0	0	NR	0
State and tribal leaking storage tank lists								
LUST		1.000	0	0	0	0	NR	0
INDIAN LUST		1.000	0	0	0	0	NR	0
State and tribal registered storage tank lists								
UST		0.750	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.750	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
FEMA UST		0.750	0	0	0	0	NR	0
State and tribal voluntary cleanup sites								
VCP		1.000	0	0	0	0	NR	0
INDIAN VCP		1.000	0	0	0	0	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		1.000	0	0	0	0	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		1.000	0	0	0	0	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		1.000	0	0	0	0	NR	0
ODI		1.000	0	0	0	0	NR	0
SWRCY		1.000	0	0	0	0	NR	0
INDIAN ODI		1.000	0	0	0	0	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		0.500	0	0	0	NR	NR	0
US HIST CDL		0.500	0	0	0	NR	NR	0
Local Land Records								
LIENS 2		0.500	0	0	0	NR	NR	0
LUCIS		1.000	0	0	0	0	NR	0
Records of Emergency Release Reports								
HMIRS		0.500	0	0	0	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.750	0	0	0	0	NR	0
DOT OPS		0.500	0	0	0	NR	NR	0
DOD		1.500	0	0	0	0	0	0
FUDS		1.500	0	0	0	0	0	0
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
MINES		0.750	0	0	0	0	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
HIST FTTS		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
ICIS		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PADS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
RADINFO		0.500	0	0	0	NR	NR	0
FINDS		0.500	0	0	0	NR	NR	0
RAATS		0.500	0	0	0	NR	NR	0
NPDES		0.500	0	0	0	NR	NR	0
AIRS		0.500	0	0	0	NR	NR	0
HMRI		0.500	0	0	0	NR	NR	0
INDIAN RESERV		1.500	0	0	0	0	0	0
SCRD DRYCLEANERS		1.000	0	0	0	0	NR	0
COAL ASH EPA		1.000	0	0	0	0	NR	0
COAL ASH DOE		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.500	0	0	0	0	0	0
EDR Historical Auto Stations		0.750	0	0	0	0	NR	0
EDR Historical Cleaners		0.750	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

NO SITES FOUND

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LAS VEGAS	1012184693	ARROWHEAD-RICHIE BROS REFURP SHOP	8400 N INTERSTATE HWY 15	89115	RCRA-SQG
LAS VEGAS	S103876980	SPRING MOUNTAIN INTERCHANGE	INTERSTATE 15 @ SPRING MOUNTAI		HWS
LAS VEGAS	S103877073	WERNER ENTERPRISES	INTERSTATE 15 NEAR BOOMTOWN CA		HWS
LAS VEGAS	S103877143	KNIGHT TRANSPORTATION MOBILE SOURC	INTERSTATE 15 @ MILE MARKER 00		HWS
LAS VEGAS	S103877260	PROSOURCE DISTRIBUTION	INTERSTATE 15 @ MILE MARKER 54		HWS
MT. CHARLESTON	S103877639	LEE CANYON FIRE STATION	STATE ROUTE 156	89124	HWS
LAS VEGAS	S103877661	TERRIBLE HERBST #144 (ARCO)	220 NORTH BOULDER HIGHWAY		LUST
CACTUS SPRINGS	S103877695	CACTUS SPRINGS TRUCK STOP	99997 TONOPAH HIGHWAY, US 95	89124	HWS
LAS VEGAS	S108250123	GORDIN TRUCKING	U.S. HIGHWAY 93 @ MILE MARKER		HWS
LAS VEGAS	S108250146	HAYCOCK PETROLEUM MOBILE SOURCE	INTERSTATE 215 @ HUALAPAI WAY		HWS
LAS VEGAS	S108250151	HOLLAND ENTERPRISES MOBILE SOURCE	INTERSTATE 15 @ WEST FLAMINGO		HWS
LAS VEGAS	S108250155	INDIAN RIVER TRANSPORT COMPANY MOB	INTERSTATE 15 @ MILE MARKER 08		HWS
LAS VEGAS	S108250182	KMLLAT CARRIERS MOBILE SOURCE	INTERSTATE 15 @ EAST CRAIG ROA		HWS
LAS VEGAS	S108250187	LAS VEGAS PAVING CORPORATION	U.S. HIGHWAY 95 @ JONES BOULEV		HWS
LAS VEGAS	S108250188	LAS VEGAS MOTOR SPEEDWAY MOBILE SO	INTERSTATE 15 @ NORTH LAS VEGA		HWS
LAS VEGAS	S108250194	LONE MOUNTAIN	U.S. HIGHWAY 95		HWS
LAS VEGAS	S108250203	MCCABES QUALITY FOODS MOBILE SOURC	INTERSTATE 15 @ RUSSELL ROAD		HWS
LAS VEGAS	S108250205	MCCULLEY TRUCKING MOBILE SOURCE	INTERSTATE 15 @ WEST TROPICANA		HWS
LAS VEGAS	S108250211	MILLER BROTHERS EXPRESS MOBILE SOU	INTERSTATE 15 @ WEST WASHINGTO		HWS
LAS VEGAS	S108250214	MISSION INDUSTRIES MOBILE SOURCE	U.S. HIGHWAY 95 @ FLAMINGO ROA		HWS
LAS VEGAS	S108250253	NEVADA READY MIX CORPORATION	U.S. HIGHWAY 95 @ WEST LONE MO		HWS
LAS VEGAS	S108250254	NEVADA READY MIX CORPORATION MOBIL	INTERSTATE 215 @ WEST LONE MOU		HWS
LAS VEGAS	S108250301	REPUBLIC SERVICES OF SOUTHERN NEVA	U.S. HIGHWAY 95 @ CENTENNIAL P		HWS
LAS VEGAS	S108250343	SWIFT TRANSPORTATION COMPANY MOBIL	INTERSTATE 15 @ WEST WASHINGTO		HWS
LAS VEGAS	S108250346	TARGET CONSTRUCTION MOBILE SOURCE,	U.S. HIGHWAY 95 @ MILE MARKER		HWS
LAS VEGAS	S108250371	UNITED PARCEL SERVICE	INTERSTATE 15 (0.5 MILE SOUTH		HWS
LAS VEGAS	S108250379	VEHICLE ACCIDENT	INTERSTATE 215		HWS
LAS VEGAS	S108250380	VEOLIA TRANSPORTATION MOBILE SOURC	INTERSTATE 15 @ RUSSELL ROAD		HWS
LAS VEGAS	S108250385	WAL-MART MOBILE SOURCE	INTERSTATE 15 @ WEST TROPICANA		HWS
LAS VEGAS	S108250395	WILLIAMS TANK LINES MOBILE SOURCE	U.S. HIGHWAY 95 @ FLAMINGO ROA		HWS
LAS VEGAS	S108437354	SAFETY KLEEN MOBILE SOURCE	INTERSTATE 15 NORTH OF CHEYENN		HWS
LAS VEGAS	S108855767	DISTTECH MOBILE SOURCE	INTERSTATE 15 @ MILE MARKER 08		HWS
LAS VEGAS	S109135024	FIRST FLEET MOBILE SOURCE	INTERSTATE 15 @ WEST WASHINGTO		HWS
LAS VEGAS	S109273008	ROADWAY EXPRESS MOBILE SOURCE	INTERSTATE 15 @ WEST TROPICANA		HWS
LAS VEGAS	S109273066	AWG CHARTER SERVICES MOBILE SOURCE	INTERSTATE 15 @ SAINT ROSE PAR	89044	HWS
LAS VEGAS	S109273071	A HONEY WAGON MOBILE SOURCE	U.S. HIGHWAY 95 @ STATE ROUTE		HWS
LAS VEGAS	S109367535	GLBY PAVING MOBILE SOURCE, APN 162	INTERSTATE 15 @ WEST FLAMINGO		HWS
LAS VEGAS	S109521921	RED ROCK CANYON FIRE STATION, APN	STATE ROUTE 159 @ MOENKOPI	89161	HWS
LAS VEGAS	S109943999	GURNEY TRUCKING MOBILE SOURCE, APN	INTERSTATE 15 @ SPRING MOUNTAI		HWS
LAS VEGAS	S109951943	APEX REGIONAL WASTE MANAGMENT CENT	13550 N HWY 93		NPDES
LAS VEGAS	S110169729	SHOWTIMES TOURS MOBILE SOURCE	INTERSTATE 15 @ WEST FLAMINGO		HWS

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: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2010
Next Scheduled EDR Contact: 07/26/2010
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: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2010
Next Scheduled EDR Contact: 07/26/2010
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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: No Update Planned

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: 03/31/2010	Source: EPA
Date Data Arrived at EDR: 04/02/2010	Telephone: N/A
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/02/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 07/26/2010
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010	Source: EPA
Date Data Arrived at EDR: 02/09/2010	Telephone: 703-412-9810
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 03/30/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/12/2010
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realighnment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 04/14/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/26/2010
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/11/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/14/2010
	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: 12/11/2009	Source: EPA
Date Data Arrived at EDR: 12/29/2009	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/31/2010
	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: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
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: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

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: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
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: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
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: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

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: 12/31/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/11/2010
Number of Days to Update: 20

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites Database

A listing of correction action sites.

Date of Government Version: 01/05/2010
Date Data Arrived at EDR: 03/30/2010
Date Made Active in Reports: 04/14/2010
Number of Days to Update: 15

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 03/30/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Varies

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

SWF/LF: Landfill List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 04/14/2010
Number of Days to Update: 35

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 03/10/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Sites Database
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/05/2010
Date Data Arrived at EDR: 03/30/2010
Date Made Active in Reports: 04/14/2010
Number of Days to Update: 15

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 03/30/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Varies

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: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

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

Date of Government Version: 02/02/2010
Date Data Arrived at EDR: 02/03/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 15

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

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: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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

Date of Government Version: 03/05/2010
Date Data Arrived at EDR: 03/05/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank List
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/08/2010
Date Data Arrived at EDR: 03/30/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 13

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 03/30/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Varies

AST: Aboveground Storage Tank List
Registered Aboveground Storage Tanks.

Date of Government Version: 01/10/2000
Date Data Arrived at EDR: 01/11/2000
Date Made Active in Reports: 02/16/2000
Number of Days to Update: 36

Source: Department of Conservation and Natural Resources
Telephone: 775-687-5872
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Varies

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: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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: 02/02/2010
Date Data Arrived at EDR: 02/03/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 15

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/17/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

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: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

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: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

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: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 02/08/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 9

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

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: 04/19/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Sites

The Voluntary Cleanup Program provides relief from liability to owners who undertake cleanups of contaminated properties under the oversight of the Nevada Division of Environmental Protection.

Date of Government Version: 07/20/2009
Date Data Arrived at EDR: 10/01/2009
Date Made Active in Reports: 11/06/2009
Number of Days to Update: 36

Source: Department of Conservation & Natural Resources
Telephone: 775-687-9381
Last EDR Contact: 03/31/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Project Tracking Database

Brownfields sites included in the Project Tracking Database. The term "brownfields" is used to describe abandoned, idled, or underused industrial or commercial properties taken out of productive use because of real or perceived risks from environmental contamination. The State of Nevada has initiated Brownfields, a land-recycling program, to provide an opportunity to redevelop these undesirable properties and revitalize communities.

Date of Government Version: 01/05/2010
Date Data Arrived at EDR: 03/30/2010
Date Made Active in Reports: 04/14/2010
Number of Days to Update: 15

Source: Division of Environmental Protection
Telephone: 775-687-9384
Last EDR Contact: 03/30/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 11/04/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 415-972-3336
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

SWRCY: Recycling Information Listing
A listing of recycling facilities in Nevada.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 03/02/2010
Date Made Active in Reports: 04/14/2010
Number of Days to Update: 43

Source: Department of Environmental Protection
Telephone: 775-687-9463
Last EDR Contact: 02/25/2010
Next Scheduled EDR Contact: 06/07/2010
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: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

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: 02/05/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/17/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Varies

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: 12/31/2009
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

Other Ascertainable Records

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
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: 703-692-8801
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

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: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/18/2010
Next Scheduled EDR Contact: 06/28/2010
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: 08/03/2009
Date Data Arrived at EDR: 10/27/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 13

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

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: 12/01/2009
Date Data Arrived at EDR: 12/15/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/02/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Annually

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.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 01/21/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

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: 11/17/2009
Date Data Arrived at EDR: 12/08/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/10/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

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.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

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: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Every 4 Years

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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
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
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: 12/17/2007
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.

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

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: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 11/10/2009
Date Data Arrived at EDR: 11/18/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
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: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Annually

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: 12/24/2009
Date Data Arrived at EDR: 12/31/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 41

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

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: 01/12/2010
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/14/2010
Next Scheduled EDR Contact: 07/26/2010
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: 10/19/2009
Date Data Arrived at EDR: 10/22/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 40

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

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

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: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/25/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Biennially

NPDES: Permitted Facility Listing
A listing of permitted wastewater facilities.

Date of Government Version: 01/04/2010
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 01/28/2010
Number of Days to Update: 6

Source: Department of Environmental Protection
Telephone: 775-687-9414
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing
A listing of permitted Airs facilities and their associated emissions information.

Date of Government Version: 08/29/2006
Date Data Arrived at EDR: 08/31/2006
Date Made Active in Reports: 10/10/2006
Number of Days to Update: 40

Source: Division of Environmental Protection
Telephone: 775-687-9359
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Varies

HMRI: Hazardous Materials Repository Information Data
Emergency Planning and Community Right-to-Know Act (EPCRA) required facilities which store or manufacture hazardous materials to prepare and submit a chemical inventory report by March 1st of each year to the State Emergency Response Commission (SERC), LEPC and the local fire department. The inventory form must include information on all hazardous chemicals present at the facility during the previous calendar year in amounts that meet or exceed thresholds.

Date of Government Version: 08/05/2008
Date Data Arrived at EDR: 08/05/2008
Date Made Active in Reports: 08/13/2008
Number of Days to Update: 8

Source: State Emergency Response Commission
Telephone: 775-687-6973
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 07/04/2010
Data Release Frequency: Semi-Annually

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

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.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/23/2010
Next Scheduled EDR Contact: 08/09/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
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: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
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: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/24/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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 Historical Auto Stations: EDR Proprietary 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.

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 Historical Cleaners: EDR Proprietary 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.

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

COUNTY RECORDS

WASHOE COUNTY:

Underground Storage Tank in Washoe County
A listing of underground storage tank sites located in Washoe County.

Date of Government Version: 03/08/2010
Date Data Arrived at EDR: 03/18/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 25

Source: Washoe County Department of Environmental Health
Telephone: 775-328-2493
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Quarterly

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: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

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: 01/04/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 03/17/2010
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/11/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
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.

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.

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: Child Care Facility List
Source: Department of Human Resources
Telephone: 775-684-1100

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DESERTXPRESS - FRIAS SUBSTATION
WEST FRIAS AVENUE
LAS VEGAS, NV 89141

TARGET PROPERTY COORDINATES

Latitude (North):	36.00200 - 36˚ 0’ 7.2’’
Longitude (West):	115.1822 - 115˚ 10’ 55.9’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	663842.3
UTM Y (Meters):	3985497.8
Elevation:	2288 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	36115-A2 LAS VEGAS SW, NV
Most Recent Revision:	1984
South Map:	35115-H2 SLOAN, NV
Most Recent Revision:	1989

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 principle 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).

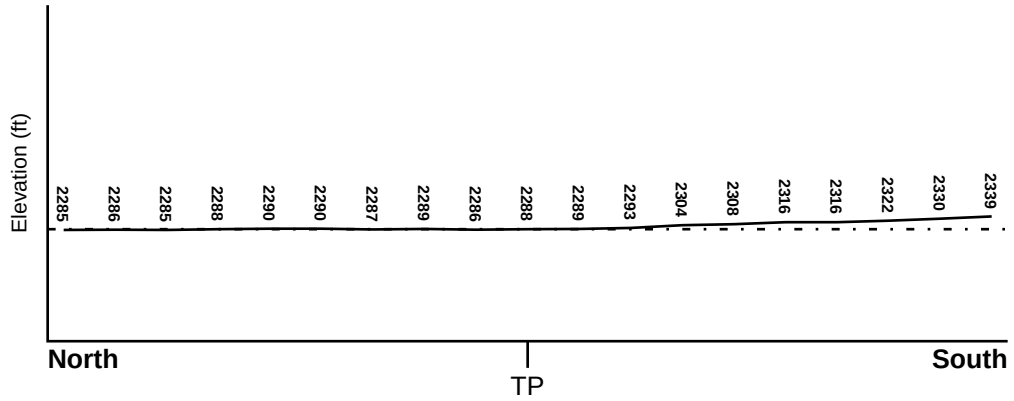
TOPOGRAPHIC INFORMATION

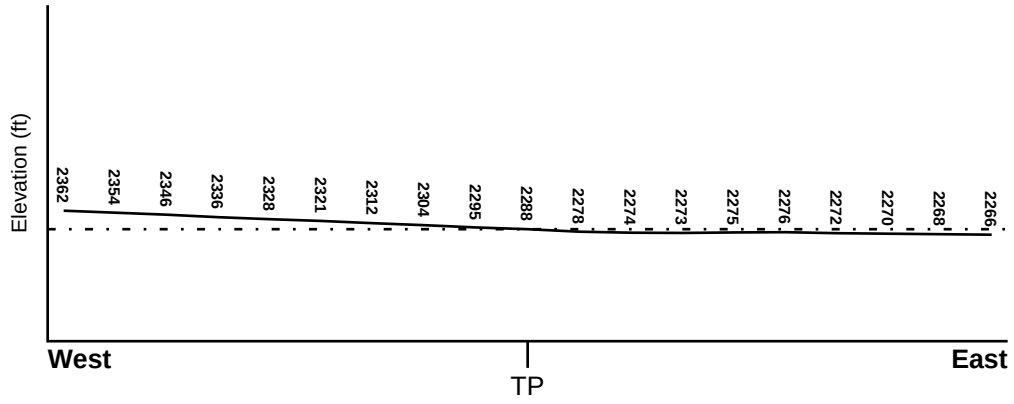
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 2288 ft.

0 1/2 1 Miles

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

Target Property County	FEMA Flood Electronic Data
CLARK, NV	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 32003C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LAS VEGAS SW	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
Status: Not found

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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

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

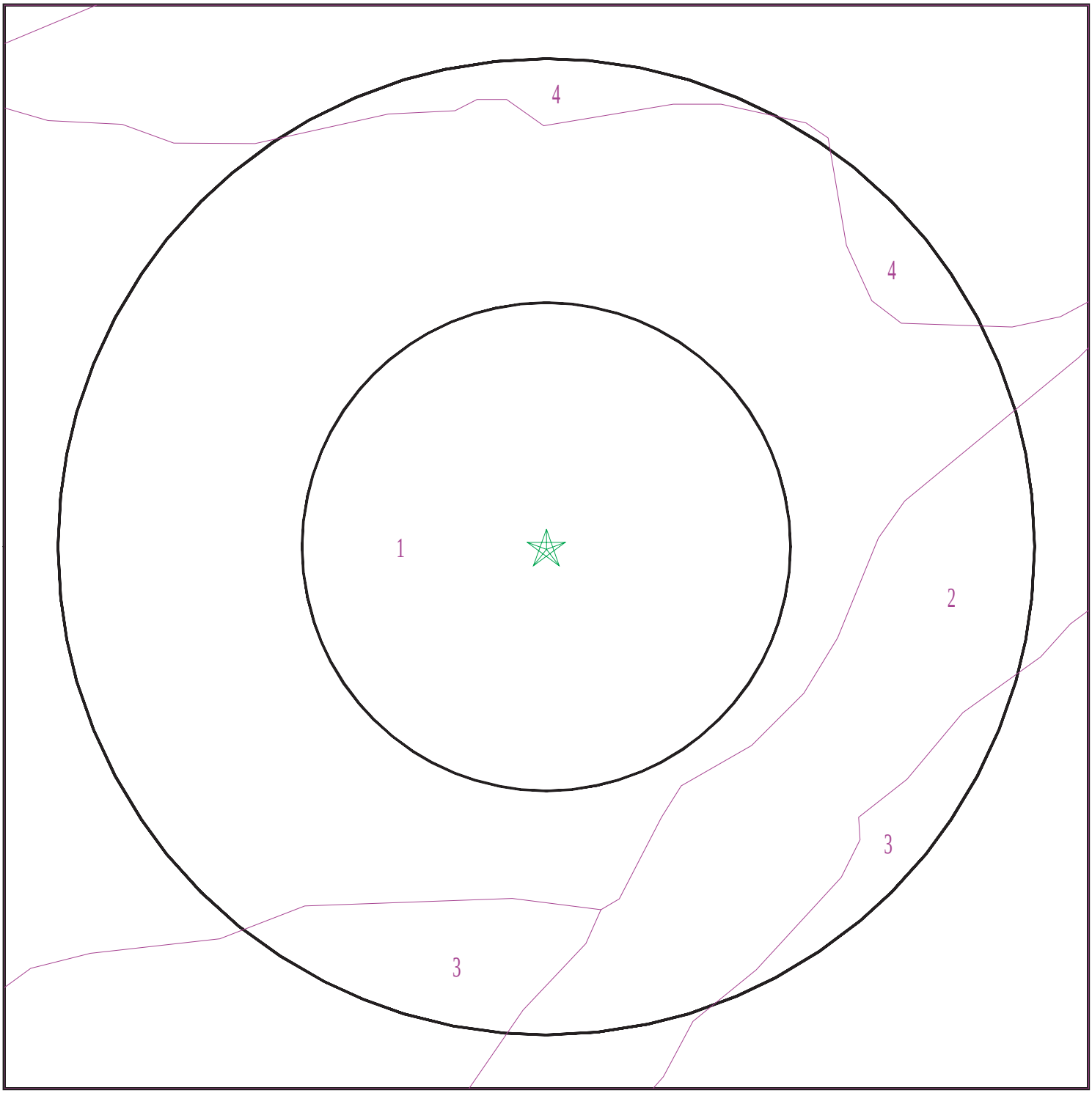
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 2754499.1s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	DesertXpress - Frias Substation	CLIENT:	CirclePoint
ADDRESS:	West Frias Avenue Las Vegas NV 89141	CONTACT:	Michelle Knudson
LAT/LONG:	36.0020 / 115.1822	INQUIRY #:	2754499.1s
		DATE:	April 26, 2010 1:14 pm

S-C-468

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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: Jean

Soil Surface Texture: gravelly loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	1 inches	gravelly loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9
2	1 inches	11 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	11 inches	59 inches	sr to extremely gravelly sand to very gravelly loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9

Soil Map ID: 2

Soil Component Name: Jean

Soil Surface Texture: gravelly loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	1 inches	gravelly loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	1 inches	18 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9
3	18 inches	59 inches	sr to extremely gravelly sand to very gravelly loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9

Soil Map ID: 3

Soil Component Name: Goodsprings

Soil Surface Texture: gravelly fine 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: Unknown

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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9
2	5 inches	14 inches	gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9
3	14 inches	51 inches	cemented	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9
4	51 inches	59 inches	extremely gravelly loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 42	Max: 9 Min: 7.9

Soil Map ID: 4

Soil Component Name: Cave

Soil Surface Texture: gravelly fine 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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	11 inches	35 inches	indurated	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9
3	35 inches	59 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 8.4 Min: 7.9

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B8	USGS3100167	1/4 - 1/2 Mile ESE
25	USGS3100166	1/4 - 1/2 Mile ESE
37	USGS3100169	1/2 - 1 Mile West
76	USGS3100181	1/2 - 1 Mile North
200	USGS3100183	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	NV3000000001971	1/8 - 1/4 Mile NNW
A2	NV3000000001970	1/8 - 1/4 Mile NNW
A3	NV3000000001972	1/8 - 1/4 Mile NNW
A4	NV3000000001974	1/8 - 1/4 Mile NNW
A5	NV3000000001973	1/8 - 1/4 Mile NNW
B6	NV3000000001911	1/8 - 1/4 Mile ESE
7	NV3000000001975	1/8 - 1/4 Mile NE
C9	NV3000000001908	1/4 - 1/2 Mile WSW
C10	NV3000000001909	1/4 - 1/2 Mile WSW
C11	NV3000000001910	1/4 - 1/2 Mile WSW
12	NV3000000001969	1/4 - 1/2 Mile WNW
D13	NV3000000001830	1/4 - 1/2 Mile South
D14	NV3000000001831	1/4 - 1/2 Mile South
E15	NV3000000002061	1/4 - 1/2 Mile North
E16	NV3000000002060	1/4 - 1/2 Mile North
E17	NV3000000002062	1/4 - 1/2 Mile North
E18	NV3000000002064	1/4 - 1/2 Mile North
E19	NV3000000002063	1/4 - 1/2 Mile North
20	NV3000000001832	1/4 - 1/2 Mile SSE
F21	NV3000000002066	1/4 - 1/2 Mile NNE
F22	NV3000000002065	1/4 - 1/2 Mile NNE
F23	NV3000000002068	1/4 - 1/2 Mile NNE
F24	NV3000000002067	1/4 - 1/2 Mile NNE
G26	NV3000000001976	1/4 - 1/2 Mile ENE
G27	NV3000000001977	1/4 - 1/2 Mile ENE
28	NV3000000001829	1/4 - 1/2 Mile SW
H29	NV3000000001906	1/2 - 1 Mile WSW
H30	NV3000000001907	1/2 - 1 Mile WSW
31	NV3000000002025	1/2 - 1 Mile NE
I32	NV3000000001965	1/2 - 1 Mile WNW
I33	NV3000000001964	1/2 - 1 Mile WNW
I34	NV3000000001966	1/2 - 1 Mile WNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I35	NV3000000001968	1/2 - 1 Mile WNW
I36	NV3000000001967	1/2 - 1 Mile WNW
J38	NV3000000002072	1/2 - 1 Mile NNE
J39	NV3000000002071	1/2 - 1 Mile NNE
J40	NV3000000002070	1/2 - 1 Mile NNE
J41	NV3000000002073	1/2 - 1 Mile NNE
J42	NV3000000002076	1/2 - 1 Mile NNE
J43	NV3000000002075	1/2 - 1 Mile NNE
J44	NV3000000002074	1/2 - 1 Mile NNE
I45	NV3000000001955	1/2 - 1 Mile West
K46	NV3000000001768	1/2 - 1 Mile South
K47	NV3000000001767	1/2 - 1 Mile South
K48	NV3000000001770	1/2 - 1 Mile South
K49	NV3000000001769	1/2 - 1 Mile South
50	NV3000000001942	1/2 - 1 Mile East
L51	NV3000000002143	1/2 - 1 Mile North
L52	NV3000000002142	1/2 - 1 Mile North
L53	NV3000000002141	1/2 - 1 Mile North
L54	NV3000000002146	1/2 - 1 Mile North
L55	NV3000000002145	1/2 - 1 Mile North
L56	NV3000000002144	1/2 - 1 Mile North
57	NV3000000002128	1/2 - 1 Mile NNW
58	NV3000000002147	1/2 - 1 Mile NNE
59	NV3000000001828	1/2 - 1 Mile WSW
M60	NV3000000002055	1/2 - 1 Mile NW
M61	NV3000000002054	1/2 - 1 Mile NW
M62	NV3000000002053	1/2 - 1 Mile NW
M63	NV3000000002056	1/2 - 1 Mile NW
M64	NV3000000002059	1/2 - 1 Mile NW
M65	NV3000000002058	1/2 - 1 Mile NW
M66	NV3000000002057	1/2 - 1 Mile NW
N67	NV3000000001764	1/2 - 1 Mile SSW
N68	NV3000000001765	1/2 - 1 Mile SSW
N69	NV3000000001766	1/2 - 1 Mile SSW
70	NV3000000001912	1/2 - 1 Mile East
71	NV3000000001882	1/2 - 1 Mile ESE
O72	NV3000000001979	1/2 - 1 Mile East
O73	NV3000000001978	1/2 - 1 Mile East
O74	NV3000000001981	1/2 - 1 Mile East
O75	NV3000000001980	1/2 - 1 Mile East
P77	NV3000000001839	1/2 - 1 Mile ESE
P78	NV3000000001838	1/2 - 1 Mile ESE
P79	NV3000000001840	1/2 - 1 Mile ESE
P80	NV3000000001842	1/2 - 1 Mile ESE
P81	NV3000000001841	1/2 - 1 Mile ESE
P82	NV3000000001834	1/2 - 1 Mile ESE
P83	NV3000000001833	1/2 - 1 Mile ESE
P84	NV3000000001835	1/2 - 1 Mile ESE
P85	NV3000000001837	1/2 - 1 Mile ESE
P86	NV3000000001836	1/2 - 1 Mile ESE
P87	NV3000000001849	1/2 - 1 Mile ESE
P88	NV3000000001848	1/2 - 1 Mile ESE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
P89	NV3000000001850	1/2 - 1 Mile ESE
P90	NV3000000001852	1/2 - 1 Mile ESE
P91	NV3000000001851	1/2 - 1 Mile ESE
P92	NV3000000001844	1/2 - 1 Mile ESE
P93	NV3000000001843	1/2 - 1 Mile ESE
P94	NV3000000001845	1/2 - 1 Mile ESE
P95	NV3000000001847	1/2 - 1 Mile ESE
P96	NV3000000001846	1/2 - 1 Mile ESE
97	NV3000000002148	1/2 - 1 Mile NE
Q98	NV3000000002027	1/2 - 1 Mile ENE
Q99	NV3000000002026	1/2 - 1 Mile ENE
Q100	NV3000000002029	1/2 - 1 Mile ENE
Q101	NV3000000002028	1/2 - 1 Mile ENE
R102	NV3000000001902	1/2 - 1 Mile West
R103	NV3000000001901	1/2 - 1 Mile West
R104	NV3000000001903	1/2 - 1 Mile West
R105	NV3000000001905	1/2 - 1 Mile West
R106	NV3000000001904	1/2 - 1 Mile West
S107	NV3000000001963	1/2 - 1 Mile West
S108	NV3000000001960	1/2 - 1 Mile West
S109	NV3000000001961	1/2 - 1 Mile West
S110	NV3000000001962	1/2 - 1 Mile West
T111	NV3000000002087	1/2 - 1 Mile NE
T112	NV3000000002086	1/2 - 1 Mile NE
T113	NV3000000002089	1/2 - 1 Mile NE
T114	NV3000000002088	1/2 - 1 Mile NE
115	NV3000000002178	1/2 - 1 Mile North
U116	NV3000000002137	1/2 - 1 Mile NW
U117	NV3000000002136	1/2 - 1 Mile NW
U118	NV3000000002138	1/2 - 1 Mile NW
U119	NV3000000002140	1/2 - 1 Mile NW
U120	NV3000000002139	1/2 - 1 Mile NW
121	NV3000000001806	1/2 - 1 Mile ESE
V122	NV3000000001941	1/2 - 1 Mile East
W123	NV3000000002233	1/2 - 1 Mile North
W124	NV3000000002234	1/2 - 1 Mile North
W125	NV3000000002231	1/2 - 1 Mile North
W126	NV3000000002232	1/2 - 1 Mile North
W127	NV3000000002235	1/2 - 1 Mile North
W128	NV3000000002238	1/2 - 1 Mile North
W129	NV3000000002239	1/2 - 1 Mile North
W130	NV3000000002236	1/2 - 1 Mile North
W131	NV3000000002237	1/2 - 1 Mile North
X132	NV3000000002083	1/2 - 1 Mile NE
Y133	NV3000000002051	1/2 - 1 Mile WNW
Y134	NV3000000002052	1/2 - 1 Mile WNW
Z135	NV3000000002240	1/2 - 1 Mile NNE
Z136	NV3000000002241	1/2 - 1 Mile NNE
AA137	NV3000000001774	1/2 - 1 Mile SE
AA138	NV3000000001775	1/2 - 1 Mile SE
AA139	NV3000000001776	1/2 - 1 Mile SE
AA140	NV3000000001771	1/2 - 1 Mile SE

STATE DATABASE WELL INFORMATION

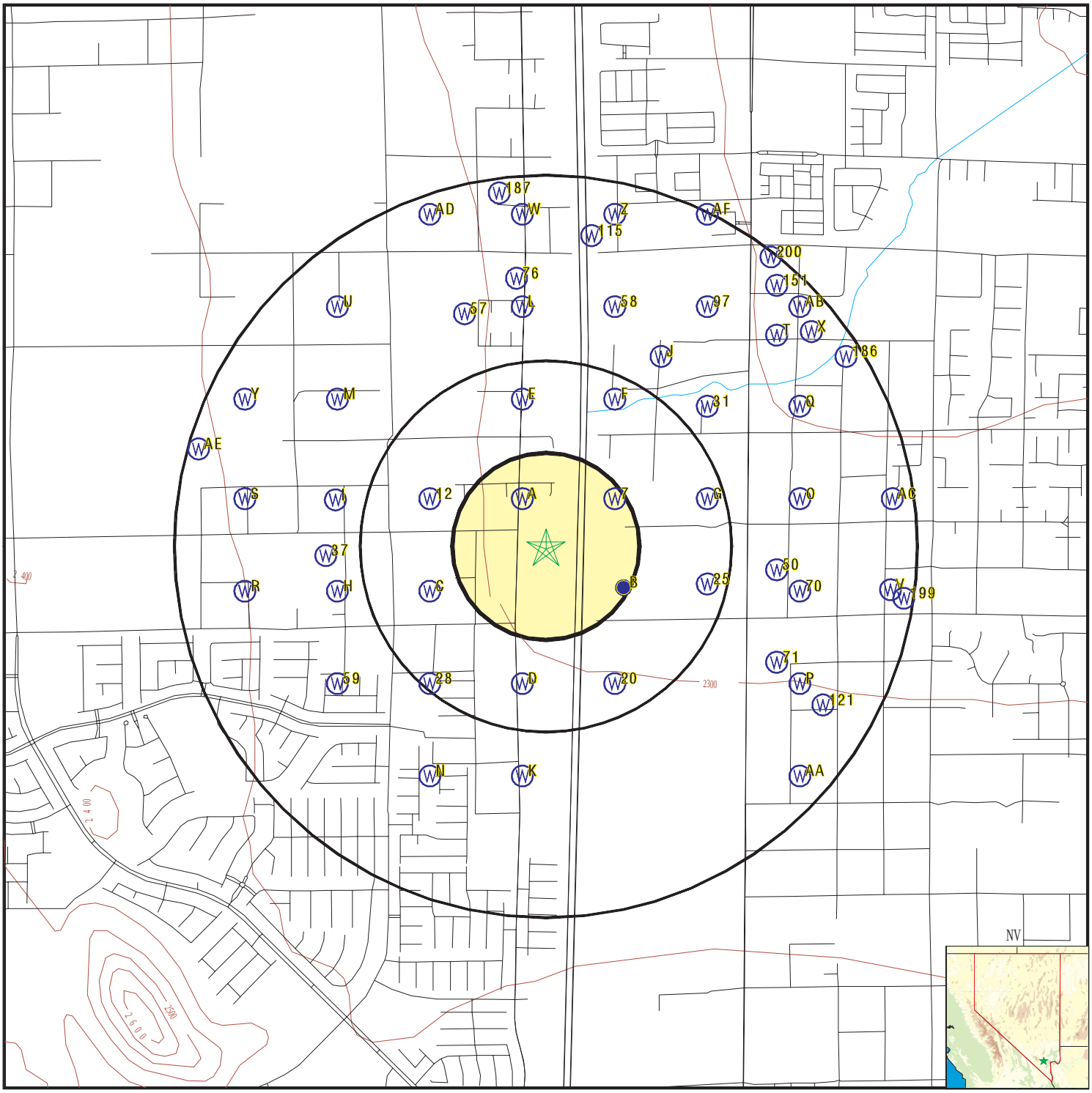
MAP ID	WELL ID	LOCATION FROM TP
AA141	NV3000000001772	1/2 - 1 Mile SE
AA142	NV3000000001773	1/2 - 1 Mile SE
AA143	NV3000000001777	1/2 - 1 Mile SE
AA144	NV3000000001781	1/2 - 1 Mile SE
AA145	NV3000000001782	1/2 - 1 Mile SE
AA146	NV3000000001783	1/2 - 1 Mile SE
AA147	NV3000000001778	1/2 - 1 Mile SE
AA148	NV3000000001779	1/2 - 1 Mile SE
AA149	NV3000000001780	1/2 - 1 Mile SE
X150	NV3000000002122	1/2 - 1 Mile NE
151	NV3000000002164	1/2 - 1 Mile NE
AB152	NV3000000002152	1/2 - 1 Mile NE
AB153	NV3000000002153	1/2 - 1 Mile NE
AB154	NV3000000002151	1/2 - 1 Mile NE
AB155	NV3000000002149	1/2 - 1 Mile NE
AB156	NV3000000002150	1/2 - 1 Mile NE
AB157	NV3000000002154	1/2 - 1 Mile NE
AB158	NV3000000002158	1/2 - 1 Mile NE
AB159	NV3000000002159	1/2 - 1 Mile NE
AB160	NV3000000002157	1/2 - 1 Mile NE
AB161	NV3000000002155	1/2 - 1 Mile NE
AB162	NV3000000002156	1/2 - 1 Mile NE
V163	NV3000000001915	1/2 - 1 Mile East
V164	NV3000000001916	1/2 - 1 Mile East
V165	NV3000000001913	1/2 - 1 Mile East
V166	NV3000000001914	1/2 - 1 Mile East
V167	NV3000000001917	1/2 - 1 Mile East
V168	NV3000000001920	1/2 - 1 Mile East
V169	NV3000000001921	1/2 - 1 Mile East
V170	NV3000000001918	1/2 - 1 Mile East
V171	NV3000000001919	1/2 - 1 Mile East
AC172	NV3000000001984	1/2 - 1 Mile East
AC173	NV3000000001985	1/2 - 1 Mile East
AC174	NV3000000001982	1/2 - 1 Mile East
AC175	NV3000000001983	1/2 - 1 Mile East
AC176	NV3000000001988	1/2 - 1 Mile East
AC177	NV3000000001989	1/2 - 1 Mile East
AC178	NV3000000001986	1/2 - 1 Mile East
AC179	NV3000000001987	1/2 - 1 Mile East
AD180	NV3000000002227	1/2 - 1 Mile NNW
AD181	NV3000000002226	1/2 - 1 Mile NNW
AD182	NV3000000002225	1/2 - 1 Mile NNW
AD183	NV3000000002230	1/2 - 1 Mile NNW
AD184	NV3000000002229	1/2 - 1 Mile NNW
AD185	NV3000000002228	1/2 - 1 Mile NNW
186	NV3000000002077	1/2 - 1 Mile ENE
187	NV3000000002284	1/2 - 1 Mile North
AE188	NV3000000002004	1/2 - 1 Mile WNW
AE189	NV3000000002005	1/2 - 1 Mile WNW
AE190	NV3000000002003	1/2 - 1 Mile WNW
AE191	NV3000000002001	1/2 - 1 Mile WNW
AE192	NV3000000002002	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AE193	NV3000000002006	1/2 - 1 Mile WNW
AE194	NV3000000002010	1/2 - 1 Mile WNW
AE195	NV3000000002011	1/2 - 1 Mile WNW
AE196	NV3000000002009	1/2 - 1 Mile WNW
AE197	NV3000000002007	1/2 - 1 Mile WNW
AE198	NV3000000002008	1/2 - 1 Mile WNW
199	NV3000000001887	1/2 - 1 Mile East
AF201	NV3000000002242	1/2 - 1 Mile NNE
AF202	NV3000000002243	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 2754499.1s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data

N

SITE NAME:	DesertXpress - Frias Substation	CLIENT:	CirclePoint
ADDRESS:	West Frias Avenue Las Vegas NV 89141	CONTACT:	Michelle Knudson
		INQUIRY #:	2754499.1s
LAT/LONG:	36.0020 / 115.1822	DATE:	April 26, 2010 1:14 pm

S-C-479

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Map ID Direction Distance Elevation		Database	EDR ID Number
A1 **NNW** **1/8 - 1/4 Mile** **Higher**		**NV WELLS**	**NV3000000001971**

Well log:	43496	App:	55242
Notice of :	2791	Waiver no:	Not Reported
Date log r:	12/16/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	FIESTA HOMES		
Owner addr:	S INDUSTRIAL RD		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/15/1993	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	350	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	350
Csng diame:	6.62		
Csng reduc:	0	Top perf:	297
Bottom per:	350	Perf inter:	2
Static wl:	150		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	6294A	Contract 1:	BRINER DRILLING INC
Contract 2:	555 N PARKSON RD HENDERSON NV 89015		
Contract 3:	0		
Driller li:	693	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	Not Reported	Date updat:	11/19/1996
Edit statu:	F	Well start:	11/01/1993
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663811.363303		
Utm y:	3985706.90739		
Site id:	NV3000000001971		

A2 **NNW** **1/8 - 1/4 Mile** **Higher**		**NV WELLS**	**NV3000000001970**

Well log:	33677	App:	54612
Notice of :	3633	Waiver no:	Not Reported
Date log r:	04/04/1990	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	VARGAS, ANGEL		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/20/1990	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	405
Csng diame:	8.62		
Csng reduc:	0	Top perf:	365
Bottom per:	405	Perf inter:	1
Static wl:	133		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	TLELLIS	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	07/01/1998
Edit statu:	F	Well start:	03/16/1990
Gravel p 1:	50	Gravel p 2:	405
Utm x:	663811.363303		
Utm y:	3985706.90739		
Site id:	NV3000000001970		

A3
NNW
1/8 - 1/4 Mile
Higher

NV WELLS **NV3000000001972**

Well log:	53797	App:	Not Reported
Notice of :	3511	Waiver no:	Not Reported
Date log r:	01/08/1990	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	CA

Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	LAMPKINS, RICK		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/04/1990	Date cmplt:	D
Gravel pac:	N	Depth seal:	105
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	260
Bottom per:	280	Perf inter:	1
Static wl:	165		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	552		
Driller li:	552	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	dsdavis	Date updat:	10/21/1996
Edit statu:	F	Well start:	12/30/1989
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663811.363303		
Utm y:	3985706.90739		
Site id:	NV3000000001972		

A4
NNW
1/8 - 1/4 Mile
Higher

NV WELLS **NV3000000001974**

Well log:	53800	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/26/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ZERBO, LEONARD		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/29/1980	Date cmplt:	Not Reported
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	180
Bottom per:	300	Perf inter:	1
Static wl:	170		
Temperatur:	80		
Yield:	25		
Drawdown:	0		
Hours pump:	1		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	13577	Contract 1:	VINCENT DRESDEN
Contract 2:	4413 E BERKLEY		
Contract 3:	0		
Driller li:	797	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	02/18/1977
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663811.363303		
Utm y:	3985706.90739		
Site id:	NV3000000001974		

A5
NNW
1/8 - 1/4 Mile
Higher

NV WELLS **NV3000000001973**

Well log:	53798	App:	55757
Notice of :	4985	Waiver no:	Not Reported
Date log r:	11/09/1987	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MCCULLOUGH, FRANK		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/20/1987	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	405
Csng diame:	8.62		
Csng reduc:	0	Top perf:	360
Bottom per:	405	Perf inter:	1
Static wl:	139		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	dsdavis	Date updat:	07/01/1998
Edit statu:	F	Well start:	10/16/1987
Gravel p 1:	50	Gravel p 2:	405
Utm x:	663811.363303		
Utm y:	3985706.90739		
Site id:	NV3000000001973		

B6
ESE
1/8 - 1/4 Mile
Lower

NV WELLS **NV3000000001911**

Well log:	12046	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	01/11/1972	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	TEGANO, FRANK		
Owner addr:	3139 E SAHARA AVE		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	12/29/1971	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	295	Perf inter:	1
Static wl:	120		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	3768	Contract 1:	EFFINGER DRILLING & PUMP SVC
Contract 2:	P O BOX 579 LAS VEGAS NV		
Contract 3:	0		
Driller li:	212	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/24/1996
Update use:	DSDAVIS	Date updat:	03/23/2000
Edit statu:	F	Well start:	11/20/1971
Gravel p 1:	50	Gravel p 2:	295

Utm x:	664219.473422
Utm y:	3985313.81133
Site id:	NV3000000001911

7
NE **NV WELLS** **NV3000000001975**
1/8 - 1/4 Mile
Lower

Well log:	44253	App:	57561
Notice of :	12185	Waiver no:	Not Reported
Date log r:	03/04/1994	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	DB
Legal quar:	NW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	TZORTZIS, VASSILIOS		
Owner addr:	PYLE & PARVIN		
Owner no:	Not Reported		
Parcel no:	177-29-701-027	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/28/1994	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	350	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	350
Csng diame:	8.62		
Csng reduc:	0	Top perf:	330
Bottom per:	350	Perf inter:	1
Static wl:	140		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	DBRANTLEY	Date updat:	08/03/2000
Edit statu:	F	Well start:	02/26/1994
Gravel p 1:	50	Gravel p 2:	350
Utm x:	664211.983318		
Utm y:	3985714.38946		
Site id:	NV3000000001975		

Map ID Direction Distance Elevation	Database	EDR ID Number
B8 **ESE** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS3100167**

Agency cd:	USGS	Site no:	360002115103801
Site name:	212 S22 E61 29DCDB1		
Latitude:	360002	EDR Site id:	USGS3100167
Longitude:	1151038	Dec lat:	36.00052976
Dec lon:	-115.17805086	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	32
State:	32	County:	003
Country:	US	Land net:	SESWSES29 T22S R61E M
Location map:	LAS VEGAS SW, NV	Map scale:	24000
Altitude:	2275.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Las Vegas Wash. Nevada. Area = 1860 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	300.	Hole depth:	300.
Source of depth data:	reporting agency (generally USGS)		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1979-03-08	Ground water data end date:	2005-02-14
Ground water data count:	76		

Ground-water levels, Number of Measurements: 152

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2005-02-14	134.48		2005-02-14	134.48	
2004-11-01	135.75		2004-11-01	135.75	
2004-08-05	136.47		2004-08-05	136.47	
2004-05-18	136.09		2004-05-18	136.09	
2004-02-03	135.98		2004-02-03	135.98	
2003-11-05	136.90		2003-11-05	136.90	
2003-08-20	137.29		2003-08-20	137.29	
2003-04-16	136.83		2003-04-16	136.83	
2003-02-19	137.08		2003-02-19	137.08	
2002-10-08	138.55		2002-10-08	138.55	
2002-07-23	138.73		2002-07-23	138.73	
2002-04-30	137.93		2002-04-30	137.93	
2002-01-16	138.00		2002-01-16	138.00	
2001-10-16	138.88		2001-10-16	138.88	
2001-07-24	138.98		2001-07-24	138.98	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
2001-05-21	138.36	
2001-01-10	138.13	
2000-10-04	138.88	
2000-07-11	138.72	
2000-05-17	138.28	
2000-01-25	137.56	
1999-10-02	138.11	
1999-07-20	138.00	
1999-05-17	137.60	
1999-01-21	137.21	
1998-10-19	137.65	
1998-07-15	137.64	
1998-04-23	136.80	
1998-01-12	136.69	
1997-10-17	136.95	
1997-07-14	136.90	
1997-04-18	136.18	
1997-02-06	135.89	
1996-10-23	135.99	
1996-08-07	136.07	
1996-04-08	135.23	
1996-01-29	134.94	
1995-10-20	135.22	
1995-08-14	134.98	
1995-06-22	134.64	
1995-03-25	133.69	
1995-03-25	133.1	
1994-09-23	134.07	
1994-06-16	133.80	
1994-03-10	133.20	
1993-12-10	133.06	
1993-09-15	133.34	
1993-06-11	132.78	
1993-03-18	132.26	
1992-12-07	132.14	
1992-09-08	132.17	
1992-06-15	131.74	
1992-03-11	131.00	
1991-12-09	131.15	
1991-09-09	130.97	
1991-06-12	130.64	
1991-03-11	130.09	
1990-12-12	129.96	
1990-08-22	129.88	
1990-03-12	129.21	
1989-03-15	127.98	
1988-02-13	126.75	
1987-12-16	126.70	
1987-09-14	126.60	
1987-06-12	128.84	
1987-02-27	124.40	
1986-12-19	125.60	
1986-09-11	125.55	
1986-06-27	125.18	
1986-02-26	124.54	

Date	Feet below Surface	Feet to Sealevel
2001-05-21	138.36	
2001-01-10	138.13	
2000-10-04	138.88	
2000-07-11	138.72	
2000-05-17	138.28	
2000-01-25	137.56	
1999-10-02	138.11	
1999-07-20	138.00	
1999-05-17	137.60	
1999-01-21	137.21	
1998-10-19	137.65	
1998-07-15	137.64	
1998-04-23	136.80	
1998-01-12	136.69	
1997-10-17	136.95	
1997-07-14	136.90	
1997-04-18	136.18	
1997-02-06	135.89	
1996-10-23	135.99	
1996-08-07	136.07	
1996-04-08	135.23	
1996-01-29	134.94	
1995-10-20	135.22	
1995-08-14	134.98	
1995-06-22	134.64	
1995-03-25	133.1	
1995-03-25	133.69	
1994-09-23	134.07	
1994-06-16	133.80	
1994-03-10	133.20	
1993-12-10	133.06	
1993-09-15	133.34	
1993-06-11	132.78	
1993-03-18	132.26	
1992-12-07	132.14	
1992-09-08	132.17	
1992-06-15	131.74	
1992-03-11	131.00	
1991-12-09	131.15	
1991-09-09	130.97	
1991-06-12	130.64	
1991-03-11	130.09	
1990-12-12	129.96	
1990-08-22	129.88	
1990-03-12	129.21	
1989-03-15	127.98	
1988-02-13	126.75	
1987-12-16	126.70	
1987-09-14	126.60	
1987-06-12	128.84	
1987-02-27	124.40	
1986-12-19	125.60	
1986-09-11	125.55	
1986-06-27	125.18	
1986-02-26	124.54	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-03-26	123.52		1985-03-26	123.52	
1984-02-27	122.40		1984-02-27	122.40	
1983-03-15	121.05		1983-03-15	121.05	
1982-03-02	120.12		1982-03-02	120.12	
1981-02-24	118.95		1981-02-24	118.95	
1979-03-08	116.79		1979-03-08	116.79	

C9
WSW **NV WELLS** **NV3000000001908**
1/4 - 1/2 Mile
Higher

Well log:	43713	App:	54724
Notice of :	5219	Waiver no:	Not Reported
Date log r:	12/12/1990	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	CC
Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	GILBERT		
Owner addr:	CACTUS & POLARIS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/13/1990	Date cmplt:	D
Gravel pac:	N	Depth seal:	64
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	405
Csng diame:	6.62		
Csng reduc:	0	Top perf:	205
Bottom per:	405	Perf inter:	1
Static wl:	154		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	F
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	1301		
Driller li:	1661	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	07/01/1998
Edit statu:	F	Well start:	11/09/1990
Gravel p 1:	0	Gravel p 2:	0

Utm x:	663418.197121
Utm y:	3985298.8661
Site id:	NV3000000001908

C10
WSW
1/4 - 1/2 Mile
Higher

NV WELLS **NV3000000001909**

Well log:	47121	App:	Not Reported
Notice of :	12944	Waiver no:	Not Reported
Date log r:	03/28/1995	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	CC
Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DAVIS, BOB		
Owner addr:	3475 W RUSH AVE		
Owner no:	Not Reported		
Parcel no:	177-29-405-006	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/24/1995	Date cmplt:	D
Gravel pac:	N	Depth seal:	55
Depth dril:	338	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	338
Csng diame:	8.62		
Csng reduc:	0	Top perf:	300
Bottom per:	320	Perf inter:	1
Static wl:	160		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	552	Source age:	NV003
User id:	DBRANTLEY	Date entry:	04/27/1995
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	02/10/1995
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663418.197121		
Utm y:	3985298.8661		
Site id:	NV3000000001909		

Map ID Direction Distance Elevation		Database	EDR ID Number
C11 **WSW** **1/4 - 1/2 Mile** **Higher**		**NV WELLS**	**NV3000000001910**

Well log:	84654	App:	Not Reported
Notice of :	22539	Waiver no:	Not Reported
Date log r:	11/19/2001	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	CC
Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	EAST UNION REALTY		
Owner addr:	3425 W RUSH AVE		
Owner no:	Not Reported		
Parcel no:	177-29-405-007	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/09/2001	Date cmplt:	D
Gravel pac:	Y	Depth seal:	51
Depth dril:	380	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	380
Csng diame:	8.62		
Csng reduc:	0	Top perf:	300
Bottom per:	380	Perf inter:	1
Static wl:	170		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	4286A	Contract 1:	THOMPSON DRILLING CO INC
Contract 2:	7227 HAUCK ST LAS VEGAS NV 89118		
Contract 3:	0		
Driller li:	2120	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/29/2001
Update use:	Not Reported	Date updat:	01/17/2002
Edit statu:	F	Well start:	11/01/2001
Gravel p 1:	51	Gravel p 2:	380
Utm x:	663418.197121		
Utm y:	3985298.8661		
Site id:	NV3000000001910		

12 **WNW** **1/4 - 1/2 Mile** **Higher**		**NV WELLS**	**NV3000000001969**

Well log:	51122	App:	55243
Notice of :	856	Waiver no:	Not Reported
Date log r:	02/23/1996	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	R
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	CB
Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	FIESTA HOMES		
Owner addr:	4275 S BELL DR		
Owner no:	Not Reported		
Parcel no:	177-29-301-012	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/06/1995	Date cmplt:	D
Gravel pac:	Y	Depth seal:	55
Depth dril:	355	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	355
Csng diame:	6.62		
Csng reduc:	0	Top perf:	235
Bottom per:	335	Perf inter:	2
Static wl:	157		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	6294A	Contract 1:	BRINER DRILLING INC
Contract 2:	555 N PARKSON RD HENDERSON NV 89015		
Contract 3:	0		
Driller li:	1338	Source age:	NV003
User id:	DBRANTLEY	Date entry:	05/13/1996
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	11/02/1995
Gravel p 1:	55	Gravel p 2:	355
Utm x:	663410.743596		
Utm y:	3985699.44361		
Site id:	NV3000000001969		

D13
South
1/4 - 1/2 Mile
Higher

NV WELLS **NV3000000001830**

Well log:	53805	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/08/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BA

Legal quar:	NE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	ATCHISON, JIM		
Owner addr:	3373 CACTUS AVE		
Owner no:	Not Reported		
Parcel no:	177-32-101-021	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/24/1980	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	350	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	350
Csng diame:	6.62		
Csng reduc:	0	Top perf:	250
Bottom per:	350	Perf inter:	1
Static wl:	245		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	5095A	Contract 1:	ALLEN WATER WELL SERVICE CO
Contract 2:	P O BOX 15149 LAS VEGAS NV 89114		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	09/20/1980
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663826.30628		
Utm y:	3984905.75197		
Site id:	NV3000000001830		

D14
South
1/4 - 1/2 Mile
Higher

NV WELLS **NV3000000001831**

Well log:	57872	App:	Not Reported
Notice of :	17451	Waiver no:	Not Reported
Date log r:	10/24/1996	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BA
Legal quar:	NE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	LEITCH, PANNEE		
Owner addr:	INDUSTRIAL & CACTUS		
Owner no:	Not Reported		
Parcel no:	177-32-101-011	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/18/1996	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	350	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	350
Csng diame:	8.62		
Csng reduc:	0	Top perf:	270
Bottom per:	330	Perf inter:	2
Static wl:	160		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/27/1996
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	10/16/1996
Gravel p 1:	50	Gravel p 2:	350
Utm x:	663826.30628		
Utm y:	3984905.75197		
Site id:	NV3000000001831		

E15
North
1/4 - 1/2 Mile
Higher

NV WELLS **NV3000000002061**

Well log:	41214	App:	Not Reported
Notice of :	8476	Waiver no:	Not Reported
Date log r:	03/16/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	AHLSTROM, DANIEL		
Owner addr:	INDUSTRIAL & JO RAY		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/08/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	440	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	440
Csng diame:	8.62		
Csng reduc:	0	Top perf:	396
Bottom per:	420	Perf inter:	1
Static wl:	190		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	22311	Contract 1:	WATER WELL SERVICES
Contract 2:	4545 N RANCHO RD LAS VEGAS NV 89130		
Contract 3:	0		
Driller li:	694	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	03/05/1993
Gravel p 1:	50	Gravel p 2:	440
Utm x:	663803.316004		
Utm y:	3986138.29913		
Site id:	NV3000000002061		

E16
North
1/4 - 1/2 Mile
Higher

NV WELLS **NV3000000002060**

Well log:	33676	App:	Not Reported
Notice of :	3632	Waiver no:	Not Reported
Date log r:	04/04/1990	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	JOHNSON, TERRY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/24/1990	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	330	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	330
Csng diame:	8.62		
Csng reduc:	0	Top perf:	290
Bottom per:	330	Perf inter:	1
Static wl:	145		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	TLELLIS	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	03/21/1990
Gravel p 1:	50	Gravel p 2:	330

Utm x:	663803.316004
Utm y:	3986138.29913
Site id:	NV3000000002060

E17
North
1/4 - 1/2 Mile
Higher

NV WELLS **NV3000000002062**

Well log:	41601	App:	Not Reported
Notice of :	11553	Waiver no:	Not Reported
Date log r:	06/25/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	RIOS, NESTOR		
Owner addr:	PYLE & LV BLVD		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/29/1993	Date cmplt:	D
Gravel pac:	N	Depth seal:	53
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	405
Csng diame:	6.62		
Csng reduc:	0	Top perf:	200
Bottom per:	405	Perf inter:	1
Static wl:	170		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	4		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1661	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	04/26/1993
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663803.316004		
Utm y:	3986138.29913		
Site id:	NV3000000002062		

Map ID Direction Distance Elevation		Database	EDR ID Number
E18 **North** **1/4 - 1/2 Mile** **Higher**		**NV WELLS**	**NV3000000002064**

Well log:	52924	App:	Not Reported
Notice of :	8394	Waiver no:	Not Reported
Date log r:	07/17/1996	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DERBY, DONALD F		
Owner addr:	3375 W JO RAE AVE		
Owner no:	Not Reported		
Parcel no:	177-29-203-004	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/24/1996	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	355	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	355
Csng diame:	8.62		
Csng reduc:	1	Top perf:	300
Bottom per:	355	Perf inter:	1
Static wl:	165		
Temperatur:	0		
Yield:	35		
Drawdown:	0		
Hours pump:	0		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/04/1996
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	04/10/1996
Gravel p 1:	50	Gravel p 2:	355
Utm x:	663803.316004		
Utm y:	3986138.29913		
Site id:	NV3000000002064		

E19 **North** **1/4 - 1/2 Mile** **Higher**		**NV WELLS**	**NV3000000002063**

Well log:	52923	App:	Not Reported
Notice of :	8395	Waiver no:	Not Reported
Date log r:	07/17/1996	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MORRIS, WILLIAM & JOYCE		
Owner addr:	3370 W JO RAE AVE		
Owner no:	Not Reported		
Parcel no:	177-29-203-003	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/30/1996	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	380	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	380
Csng diame:	8.62		
Csng reduc:	0	Top perf:	320
Bottom per:	380	Perf inter:	1
Static wl:	165		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	0		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/04/1996
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	04/25/1996
Gravel p 1:	50	Gravel p 2:	380
Utm x:	663803.316004		
Utm y:	3986138.29913		
Site id:	NV3000000002063		

20
SSE
1/4 - 1/2 Mile
Higher

NV WELLS **NV3000000001832**

Well log:	28809	App:	Not Reported
Notice of :	2475	Waiver no:	Not Reported
Date log r:	08/17/1987	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	AB

Legal quar:	NW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ROSOFF, ALLEN		
Owner addr:	4613 S LAS VEGAS BLVD		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/01/1987	Date cmplt:	D
Gravel pac:	N	Depth seal:	60
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.62		
Csng reduc:	0	Top perf:	200
Bottom per:	400	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	1		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	1301		
Driller li:	1376	Source age:	NV003
User id:	NAFLECKS	Date entry:	08/05/1999
Update use:	Not Reported	Date updat:	11/13/1996
Edit statu:	F	Well start:	08/05/1987
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664226.962872		
Utm y:	3984913.23342		
Site id:	NV3000000001832		

F21
NNE
1/4 - 1/2 Mile
Lower

NV WELLS **NV3000000002066**

Well log:	37742	App:	56124
Notice of :	2932	Waiver no:	Not Reported
Date log r:	04/01/1992	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	AC
Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	BROWNING, VINCENT		
Owner addr:	PYLE & LAS VEGAS BLVD		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/16/1992	Date cmplt:	D
Gravel pac:	N	Depth seal:	55
Depth dril:	400	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	400
Csng diame:	6.62		
Csng reduc:	0	Top perf:	200
Bottom per:	400	Perf inter:	1
Static wl:	150		
Temperatur:	0		
Yield:	25		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1661	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	Not Reported	Date updat:	11/21/1996
Edit statu:	F	Well start:	03/17/1992
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664203.916321		
Utm y:	3986145.78153		
Site id:	NV3000000002066		

F22
NNE **NV WELLS** **NV3000000002065**
1/4 - 1/2 Mile
Lower

Well log:	35907	App:	55034
Notice of :	9084	Waiver no:	Not Reported
Date log r:	03/11/1991	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	R
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	AC
Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	FULSTONE, ROBERT		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/27/1991	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	360	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	360
Csng diame:	8		
Csng reduc:	0	Top perf:	260
Bottom per:	360	Perf inter:	1
Static wl:	140		
Temperatur:	0		
Yield:	40		
Drawdown:	360		
Hours pump:	0		
Test metho:	A	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	27030	Contract 1:	MITCHELL ENTERPRISES
Contract 2:	4250 S ARVILLE #262 LAS VEGAS NV 89103		
Contract 3:	1475		
Driller li:	1617	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	12/31/1996
Edit statu:	F	Well start:	02/01/1991
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664203.916321		
Utm y:	3986145.78153		
Site id:	NV3000000002065		

F23
NNE **NV WELLS** **NV3000000002068**
1/4 - 1/2 Mile
Lower

Well log:	53795	App:	Not Reported
Notice of :	1479	Waiver no:	Not Reported
Date log r:	12/07/1983	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	AC
Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DUNAGAN, MERLE		
Owner addr:	PYLE AVE LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/05/1983	Date cmplt:	D
Gravel pac:	Y	Depth seal:	55
Depth dril:	306	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	306
Csng diame:	8.62		
Csng reduc:	0	Top perf:	200
Bottom per:	306	Perf inter:	1
Static wl:	127		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	552	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	10/18/1996
Edit statu:	F	Well start:	10/15/1983
Gravel p 1:	55	Gravel p 2:	306

Utm x:	664203.916321
Utm y:	3986145.78153
Site id:	NV3000000002068

F24
NNE **NV WELLS** **NV3000000002067**
1/4 - 1/2 Mile
Lower

Well log:	42008	App:	Not Reported
Notice of :	9712	Waiver no:	Not Reported
Date log r:	09/25/1992	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	AC
Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MORGAN, WANDA P		
Owner addr:	PYLE DR WEST		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/10/1992	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	6.62		
Csng reduc:	0	Top perf:	160
Bottom per:	300	Perf inter:	1
Static wl:	145		
Temperatur:	0		
Yield:	22		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1661	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	09/04/1992
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664203.916321		
Utm y:	3986145.78153		
Site id:	NV3000000002067		

Map ID Direction Distance Elevation	Database	EDR ID Number
25 **ESE** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS3100166**

Agency cd:	USGS	Site no:	360002115102501
Site name:	212 S22 E61 29DCA 1		
Latitude:	360002	EDR Site id:	USGS3100166
Longitude:	1151025	Dec lat:	36.00052982
Dec lon:	-115.17443967	Coor meth:	M
Coor accr:	M	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	32
State:	32	County:	003
Country:	US	Land net:	NESWSES29 T22S R61E M
Location map:	LAS VEGAS SW, NV	Map scale:	24000
Altitude:	2279.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Las Vegas Wash. Nevada. Area = 1860 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	300.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-12-00	Ground water data end date:	1973-02-20
Ground water data count:	2		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1973-02-20	113.4		1973-02-20	113.4	
1971-12	120		1971-12	120	

G26 **ENE** **1/4 - 1/2 Mile** **Lower**	**NV WELLS**	**NV3000000001976**

Well log:	32679	App:	68713
Notice of :	5022	Waiver no:	Not Reported
Date log r:	11/02/1989	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	C	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	DA

Legal quar:	NE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	RODRIGUEZ, KAY		
Owner addr:	2431 W PYLE AVE		
Owner no:	Not Reported		
Parcel no:	177-29-701-003	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/16/1989	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	140
Bottom per:	300	Perf inter:	1
Static wl:	130		
Temperatur:	0		
Yield:	50		
Drawdown:	200		
Hours pump:	.25		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	COMMERCIAL PERMIT ISSUED ON EXISITING DOMESTIC WELL		
Remarks ad:	Not Reported		
Contractor:	2065	Contract 1:	S R MCKINNEY & SONS INC
Contract 2:	2151 MCCARREN N LAS VEGAS NV 89030		
Contract 3:	45		
Driller li:	270	Source age:	NV003
User id:	TLELLIS	Date entry:	05/18/2000
Update use:	DBRANTLEY	Date updat:	11/10/2004
Edit statu:	F	Well start:	05/24/1989
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664612.60364		
Utm y:	3985721.88982		
Site id:	NV3000000001976		

G27
ENE
1/4 - 1/2 Mile
Lower

NV WELLS **NV3000000001977**

Well log:	53796	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/29/1973	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	DA
Legal quar:	NE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	FOLEY, FRANK		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/09/1971	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	180
Bottom per:	300	Perf inter:	1
Static wl:	124		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	10/18/1996
Edit statu:	F	Well start:	02/01/1971
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664612.60364		
Utm y:	3985721.88982		
Site id:	NV3000000001977		

28
SW
1/4 - 1/2 Mile
Higher

NV WELLS **NV3000000001829**

Well log:	75762	App:	Not Reported
Notice of :	16598	Waiver no:	Not Reported
Date log r:	08/03/1999	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	CORONADO, RUBEN		
Owner addr:	355 ORLEANS		
Owner no:	Not Reported		
Parcel no:	177-32-101-017	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/19/1999	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	6		
Csng reduc:	0	Top perf:	340
Bottom per:	400	Perf inter:	1
Static wl:	195		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	.5		
Test metho:	A	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	08/04/1999
Update use:	DBRANTLEY	Date updat:	05/25/2000
Edit statu:	F	Well start:	07/10/1999
Gravel p 1:	50	Gravel p 2:	400
Utm x:	663425.649996		
Utm y:	3984898.28881		
Site id:	NV3000000001829		

H29
WSW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001906**

Well log:	52925	App:	Not Reported
Notice of :	15182	Waiver no:	Not Reported
Date log r:	07/17/1996	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	LOPEZ, DAN		
Owner addr:	10395 SCHUSTER ST		
Owner no:	Not Reported		
Parcel no:	177-30-801-004	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/28/1996	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	420	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	420
Csng diame:	6.62		
Csng reduc:	0	Top perf:	360
Bottom per:	420	Perf inter:	1
Static wl:	200		
Temperatur:	0		
Yield:	50		
Drawdown:	0		
Hours pump:	0		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/04/1996
Update use:	Not Reported	Date updat:	09/14/2000
Edit statu:	F	Well start:	05/23/1996
Gravel p 1:	50	Gravel p 2:	420

Utm x:	663017.559431
Utm y:	3985291.42092
Site id:	NV3000000001906

H30
WSW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001907**

Well log:	57847	App:	57496
Notice of :	15191	Waiver no:	Not Reported
Date log r:	11/01/1996	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	AYERS, RON		
Owner addr:	P O BOX 81260 LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	380-170-005	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/08/1996	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	393
Csng diame:	8.62		
Csng reduc:	0	Top perf:	330
Bottom per:	393	Perf inter:	1
Static wl:	160		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/26/1996
Update use:	Not Reported	Date updat:	07/29/1997
Edit statu:	F	Well start:	09/25/1996
Gravel p 1:	393	Gravel p 2:	343
Utm x:	663017.559431		
Utm y:	3985291.42092		
Site id:	NV3000000001907		

Map ID Direction Distance Elevation	Database	EDR ID Number
31 **NE** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000002025**

Well log:	53794	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	07/05/1979	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	AD
Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DECKER, TONY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/18/1979	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	133		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	10/18/1996
Edit statu:	F	Well start:	06/12/1979
Gravel p 1:	50	Gravel p 2:	300
Utm x:	664605.094591		
Utm y:	3986122.46847		
Site id:	NV3000000002025		

I32 **WNW** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001965**

Well log:	33680	App:	Not Reported
Notice of :	3621	Waiver no:	Not Reported
Date log r:	03/06/1990	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DA
Legal quar:	NE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	WHIPPLE, LAIRD		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/21/1990	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	500	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	500
Csng diame:	8.62		
Csng reduc:	0	Top perf:	460
Bottom per:	500	Perf inter:	1
Static wl:	168		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	TLELLIS	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	02/13/1990
Gravel p 1:	50	Gravel p 2:	500
Utm x:	663010.124195		
Utm y:	3985691.99813		
Site id:	NV3000000001965		

I33
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001964**

Well log:	31353	App:	63564
Notice of :	5902	Waiver no:	Not Reported
Date log r:	03/27/1989	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DA

Legal quar:	NE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	KEYSTONE PROPERTY CO		
Owner addr:	10240 SCHUSTER ST		
Owner no:	Not Reported		
Parcel no:	177-30-701-018	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/10/1989	Date cmplt:	D
Gravel pac:	N	Depth seal:	70
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	405
Csng diame:	8.62		
Csng reduc:	0	Top perf:	365
Bottom per:	385	Perf inter:	1
Static wl:	170		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	552		
Driller li:	552	Source age:	NV003
User id:	NAFLECKS	Date entry:	05/18/2000
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	03/06/1989
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663010.124195		
Utm y:	3985691.99813		
Site id:	NV3000000001964		

I34
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001966**

Well log:	53802	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/01/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DA
Legal quar:	NE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	FRIAS, CHARLES		
Owner addr:	3930 W FRIAS AVE LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/06/1980	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	520	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	520
Csng diame:	8.62		
Csng reduc:	0	Top perf:	360
Bottom per:	520	Perf inter:	1
Static wl:	176		
Temperatur:	0		
Yield:	60		
Drawdown:	0		
Hours pump:	1		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	5095A	Contract 1:	ALLEN WATER WELL SERVICE CO
Contract 2:	P O BOX 15149 LAS VEGAS NV 89114		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	01/24/1980
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663010.124195		
Utm y:	3985691.99813		
Site id:	NV3000000001966		

I35
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001968**

Well log:	96839	App:	Not Reported
Notice of :	27156	Waiver no:	Not Reported
Date log r:	06/21/2005	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DA
Legal quar:	NE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	ARMENTROUT, ROY D & CONNIE		
Owner addr:	10165 SCHUSTER ST		
Owner no:	Not Reported		
Parcel no:	177-30-701-035	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/09/2005	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	505	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	502
Csng diame:	6		
Csng reduc:	0	Top perf:	440
Bottom per:	502	Perf inter:	1
Static wl:	180		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	2		
Test metho:	U	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/06/2005
Update use:	Not Reported	Date updat:	09/29/2005
Edit statu:	F	Well start:	06/03/2005
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663010.124194		
Utm y:	3985691.99813		
Site id:	NV3000000001968		

I36
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001967**

Well log:	53804	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	07/19/1971	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DA
Legal quar:	NE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	NELSON, WILLIE M		
Owner addr:	3112 ALCOA AVE LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/20/1971	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	200
Bottom per:	300	Perf inter:	1
Static wl:	180		
Temperatur:	0		
Yield:	30		
Drawdown:	10		
Hours pump:	3		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	4286A	Contract 1:	THOMPSON DRILLING CO INC
Contract 2:	4185 W HARMON LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	581	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	03/12/1971
Gravel p 1:	50	Gravel p 2:	300

Utm x:	663010.124195
Utm y:	3985691.99813
Site id:	NV3000000001967

37
West
1/2 - 1 Mile
Higher

FED USGS **USGS3100169**

Agency cd:	USGS	Site no:	360006115113101
Site name:	212 S22 E61 30DAC 1		
Latitude:	360006	EDR Site id:	USGS3100169
Longitude:	1151131	Dec lat:	36.00164059
Dec lon:	-115.19277342	Coor meth:	M
Coor accr:	M	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	32
State:	32	County:	003
Country:	US	Land net:	SWNESES30 T22S R61E M
Location map:	LAS VEGAS SW, NV	Map scale:	24000
Altitude:	2315.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Las Vegas Wash. Nevada. Area = 1860 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	300.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1972-02-24	Ground water data end date:	1981-02-25
Ground water data count:	8		

Ground-water levels, Number of Measurements: 16

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-02-25	175.10		1981-02-25	175.10	
1978-03-01	157.07		1978-03-01	157.07	
1977-03-04	156.16		1977-03-04	156.16	
1976-03-17	154.8		1976-03-17	154.8	
1975-03-10	153.22		1975-03-10	153.22	
1974-03-13	151.91		1974-03-13	151.91	
1973-02-23	150.64		1973-02-23	150.64	
1972-02-24	149.2		1972-02-24	149.2	

Map ID Direction Distance Elevation	Database	EDR ID Number
J38 **NNE** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000002072**

Well log:	88030	App:	Not Reported
Notice of :	24771	Waiver no:	Not Reported
Date log r:	03/17/2003	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	A
Legal quar:	NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	SOUTH LAS VEGAS LLC		
Owner addr:	PYLE AVE		
Owner no:	Not Reported		
Parcel no:	177-29-605-004	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/13/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	301	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	301
Csng diame:	6.62		
Csng reduc:	0	Top perf:	100
Bottom per:	300	Perf inter:	1
Static wl:	150		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/18/2003
Update use:	Not Reported	Date updat:	11/18/2003
Edit statu:	F	Well start:	03/13/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664400.754856		
Utm y:	3986334.41206		
Site id:	NV3000000002072		

J39 **NNE** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000002071**

Well log:	88029	App:	Not Reported
Notice of :	24770	Waiver no:	Not Reported
Date log r:	03/17/2003	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	A
Legal quar:	NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	SOUTH LAS VEGAS LLC		
Owner addr:	9960 ENSWORTH ST		
Owner no:	Not Reported		
Parcel no:	177-29-602-001	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/12/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	357	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	357
Csng diame:	6.62		
Csng reduc:	0	Top perf:	100
Bottom per:	357	Perf inter:	1
Static wl:	165		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/18/2003
Update use:	Not Reported	Date updat:	11/18/2003
Edit statu:	F	Well start:	03/10/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664400.754856		
Utm y:	3986334.41206		
Site id:	NV3000000002071		

J40
NNE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002070**

Well log:	88028	App:	56124
Notice of :	24769	Waiver no:	Not Reported
Date log r:	03/17/2003	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	P	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	A

Legal quar:	NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	SOUTH LAS VEGAS LLC		
Owner addr:	2555 W JO RAE AVE		
Owner no:	Not Reported		
Parcel no:	177-29-605-001	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/12/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	381	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	381
Csng diame:	6.62		
Csng reduc:	0	Top perf:	100
Bottom per:	375	Perf inter:	1
Static wl:	151		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/18/2003
Update use:	DBRANTLEY	Date updat:	11/18/2003
Edit statu:	F	Well start:	03/10/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664400.754856		
Utm y:	3986334.41206		
Site id:	NV3000000002070		

J41
NNE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002073**

Well log:	88031	App:	55034
Notice of :	24772	Waiver no:	Not Reported
Date log r:	03/17/2003	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	P	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	A
Legal quar:	NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	SOUTH LAS VEGAS LLC		
Owner addr:	9945 PARVIN ST		
Owner no:	Not Reported		
Parcel no:	177-29-602-005	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/12/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	340	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	340
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	340	Perf inter:	1
Static wl:	151		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/18/2003
Update use:	DBRANTLEY	Date updat:	11/18/2003
Edit statu:	F	Well start:	03/10/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664400.754856		
Utm y:	3986334.41206		
Site id:	NV3000000002073		

J42
NNE **NV WELLS** **NV3000000002076**
1/2 - 1 Mile
Lower

Well log:	88034	App:	Not Reported
Notice of :	24767	Waiver no:	Not Reported
Date log r:	03/17/2003	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	A
Legal quar:	NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	SOUTH LAS VEGAS LLC		
Owner addr:	9975 PARVIN ST		
Owner no:	Not Reported		
Parcel no:	177-29-602-007	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/12/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	155	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	155
Csng diame:	6.62		
Csng reduc:	0	Top perf:	100
Bottom per:	150	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/18/2003
Update use:	Not Reported	Date updat:	11/18/2003
Edit statu:	F	Well start:	03/10/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664400.754856		
Utm y:	3986334.41206		
Site id:	NV3000000002076		

J43
NNE **NV WELLS** **NV3000000002075**
1/2 - 1 Mile
Lower

Well log:	88033	App:	Not Reported
Notice of :	24319	Waiver no:	Not Reported
Date log r:	03/17/2003	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	A
Legal quar:	NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	SOUTH LAS VEGAS LLC		
Owner addr:	2221 W JO RAE AVE		
Owner no:	Not Reported		
Parcel no:	177-29-605-003	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/13/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	275	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	275
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	270	Perf inter:	1
Static wl:	151		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/18/2003
Update use:	Not Reported	Date updat:	11/18/2003
Edit statu:	F	Well start:	03/13/2003
Gravel p 1:	0	Gravel p 2:	0

Utm x:	664400.754856
Utm y:	3986334.41206
Site id:	NV3000000002075

J44
NNE **NV WELLS** **NV3000000002074**
1/2 - 1 Mile
Lower

Well log:	88032	App:	Not Reported
Notice of :	24318	Waiver no:	Not Reported
Date log r:	03/17/2003	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	A
Legal quar:	NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	SOUTH LAS VEGAS LLC		
Owner addr:	2150 W PYLE AVE		
Owner no:	Not Reported		
Parcel no:	177-29-604-008	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/12/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	0	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	8.62		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/18/2003
Update use:	Not Reported	Date updat:	11/18/2003
Edit statu:	F	Well start:	03/10/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664400.754856		
Utm y:	3986334.41206		
Site id:	NV3000000002074		

Map ID Direction Distance Elevation		Database	EDR ID Number
I45 **West** **1/2 - 1 Mile** **Higher**		**NV WELLS**	**NV3000000001955**

Well log:	91911	App:	73425
Notice of :	25610	Waiver no:	Not Reported
Date log r:	12/22/2003	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	D
Legal quar:	SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	REGESKI, PHILLIP		
Owner addr:	VALLEY VIEW & FRIAS		
Owner no:	Not Reported		
Parcel no:	177-30-701-033	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	12/17/2003	Date cmplt:	D
Gravel pac:	N	Depth seal:	60
Depth dril:	505	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	504
Csng diame:	6		
Csng reduc:	0	Top perf:	404
Bottom per:	504	Perf inter:	1
Static wl:	183		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	DBRANTLEY	Date entry:	01/23/2004
Update use:	MSIVAZLIAN	Date updat:	03/04/2008
Edit statu:	F	Well start:	12/15/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	662960.300864		
Utm y:	3985660.40535		
Site id:	NV3000000001955		

K46 **South** **1/2 - 1 Mile** **Higher**		**NV WELLS**	**NV3000000001768**

Well log:	50637	App:	Not Reported
Notice of :	16348	Waiver no:	Not Reported
Date log r:	11/27/1995	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	KEOUGH, CRAIG		
Owner addr:	3466 W IRVIN AVE		
Owner no:	Not Reported		
Parcel no:	177-32-202-004	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/20/1995	Date cmplt:	D
Gravel pac:	Y	Depth seal:	60
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.62		
Csng reduc:	0	Top perf:	340
Bottom per:	380	Perf inter:	1
Static wl:	178		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/19/1996
Update use:	Not Reported	Date updat:	01/27/1997
Edit statu:	F	Well start:	11/16/1995
Gravel p 1:	60	Gravel p 2:	400
Utm x:	663833.77679		
Utm y:	3984505.17459		
Site id:	NV3000000001768		

K47
South
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001767**

Well log:	34621	App:	Not Reported
Notice of :	2778	Waiver no:	Not Reported
Date log r:	09/18/1990	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	R
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BD

Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MAZUR, DAVID		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/05/1990	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	500	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	500
Csng diame:	8.62		
Csng reduc:	0	Top perf:	460
Bottom per:	500	Perf inter:	1
Static wl:	158		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	AVTYPER	Date entry:	05/18/2000
Update use:	Not Reported	Date updat:	09/18/1996
Edit statu:	F	Well start:	09/04/1990
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663833.77679		
Utm y:	3984505.17459		
Site id:	NV3000000001767		

K48
South
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001770**

Well log:	91031	App:	Not Reported
Notice of :	25387	Waiver no:	Not Reported
Date log r:	10/07/2003	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	U	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	STORYBOOK HOMES LLC		
Owner addr:	3385 W IRVIN AVE		
Owner no:	Not Reported		
Parcel no:	177-32-203-012	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/06/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	450	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	0
Csng diame:	8		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	175		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/06/2003
Update use:	DBRANTLEY	Date updat:	01/02/2004
Edit statu:	F	Well start:	10/02/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663833.77679		
Utm y:	3984505.17459		
Site id:	NV3000000001770		

K49
South
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001769**

Well log:	82286	App:	Not Reported
Notice of :	21549	Waiver no:	Not Reported
Date log r:	02/13/2001	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	BROWER, GLEN		
Owner addr:	INDUSTRIAL RD & IRVINE		
Owner no:	Not Reported		
Parcel no:	177-32-203-001	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/10/2001	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	6		
Csng reduc:	0	Top perf:	340
Bottom per:	400	Perf inter:	1
Static wl:	190		
Temperatur:	0		
Yield:	50		
Drawdown:	0		
Hours pump:	.5		
Test metho:	A	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/01/2001
Update use:	Not Reported	Date updat:	05/11/2001
Edit statu:	F	Well start:	02/07/2001
Gravel p 1:	50	Gravel p 2:	400
Utm x:	663833.77679		
Utm y:	3984505.17459		
Site id:	NV3000000001769		

50
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001942**

Well log:	57524	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/18/1976	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CCB
Legal quar:	NW SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	DEWITT, MARBREL S		
Owner addr:	1240 S 10TH ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/19/1955	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	156	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	156
Csng diame:	8		
Csng reduc:	0	Top perf:	96
Bottom per:	156	Perf inter:	1
Static wl:	93		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	164	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	dsdavis	Date updat:	12/17/1996
Edit statu:	F	Well start:	02/24/1955
Gravel p 1:	50	Gravel p 2:	156

Utm x:	664918.855382
Utm y:	3985419.38964
Site id:	NV3000000001942

L51
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002143**

Well log:	35486	App:	55073
Notice of :	9200	Waiver no:	Not Reported
Date log r:	06/20/1991	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BA
Legal quar:	NE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	AHLSTROM, DANIEL		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/22/1991	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	430	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	430
Csng diame:	8.62		
Csng reduc:	0	Top perf:	390
Bottom per:	430	Perf inter:	1
Static wl:	240		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	22311	Contract 1:	WATER WELL SERVICES
Contract 2:	4545 N RANCHO RD LAS VEGAS NV 89130		
Contract 3:	694		
Driller li:	1426	Source age:	NV003
User id:	SLCLARY	Date entry:	05/18/2000
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	09/21/1990
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663795.842835		
Utm y:	3986538.87741		
Site id:	NV3000000002143		

Map ID Direction Distance Elevation	Database	EDR ID Number
L52 **North** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000002142**

Well log:	35485	App:	57543
Notice of :	8584	Waiver no:	Not Reported
Date log r:	06/24/1991	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	24	Sec quarte:	BD
Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DORMAN, K D		
Owner addr:	9241 MCLEOD ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/25/1990	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	296	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	296
Csng diame:	8		
Csng reduc:	0	Top perf:	180
Bottom per:	296	Perf inter:	2
Static wl:	140		
Temperatur:	0		
Yield:	35		
Drawdown:	296		
Hours pump:	0		
Test metho:	C	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	27030	Contract 1:	MITCHELL ENTERPRISES
Contract 2:	4250 S ARVILLE #262 LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1475	Source age:	NV003
User id:	slclary	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	07/01/1998
Edit statu:	F	Well start:	09/21/1990
Gravel p 1:	50	Gravel p 2:	296
Utm x:	663795.842835		
Utm y:	3986538.87741		
Site id:	NV3000000002142		

L53 **North** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000002141**

Well log:	29082	App:	Not Reported
Notice of :	4427	Waiver no:	Not Reported
Date log r:	10/01/1987	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BA
Legal quar:	NE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	RENNIE, EDWARD		
Owner addr:	3195 W GOMER		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/26/1987	Date cmplt:	D
Gravel pac:	N	Depth seal:	100
Depth dril:	290	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	290
Csng diame:	8.62		
Csng reduc:	0	Top perf:	210
Bottom per:	280	Perf inter:	1
Static wl:	180		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	552	Source age:	NV003
User id:	NAFLECKS	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	08/05/1987
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663795.842835		
Utm y:	3986538.87741		
Site id:	NV3000000002141		

L54
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002146**

Well log:	100642	App:	Not Reported
Notice of :	29861	Waiver no:	Not Reported
Date log r:	08/24/2006	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BA

Legal quar:	NE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	CLARK COUNTY DEPT OF PUBLIC WORKS		
Owner addr:	3195 W SILVERADO RANCH BLVD		
Owner no:	Not Reported		
Parcel no:	177-29-103-001	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/21/2006	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	290	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	8		
Csng reduc:	0	Top perf:	130
Bottom per:	210	Perf inter:	1
Static wl:	180		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	PLUGGING OF LOG 29082		
Remarks ad:	Not Reported		
Contractor:	59948	Contract 1:	T D C
Contract 2:	2870 W PEBBLE RD LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	2316	Source age:	NV003
User id:	SGARDELLA	Date entry:	09/07/2006
Update use:	SGARDELLA	Date updat:	12/11/2006
Edit statu:	F	Well start:	08/11/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663795.842835		
Utm y:	3986538.87741		
Site id:	NV3000000002146		

L55
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002145**

Well log:	48303	App:	57361
Notice of :	14027	Waiver no:	Not Reported
Date log r:	07/12/1995	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BA
Legal quar:	NE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	AHLSTROM, DANIEL		
Owner addr:	3365 W LANDBERG AVE		
Owner no:	Not Reported		
Parcel no:	177-29-106-013	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/22/1995	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	405	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	405
Csng diame:	8.62		
Csng reduc:	0	Top perf:	365
Bottom per:	385	Perf inter:	1
Static wl:	160		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/22/1995
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	06/19/1995
Gravel p 1:	50	Gravel p 2:	405
Utm x:	663795.842835		
Utm y:	3986538.87741		
Site id:	NV3000000002145		

L56
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002144**

Well log:	48302	App:	57360
Notice of :	14028	Waiver no:	Not Reported
Date log r:	07/12/1995	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	BA
Legal quar:	NE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	AHLSTROM, DANIEL		
Owner addr:	3360 W LE BARON AVE		
Owner no:	Not Reported		
Parcel no:	177-29-106-016	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/30/1995	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	405
Csng diame:	8.62		
Csng reduc:	0	Top perf:	365
Bottom per:	385	Perf inter:	1
Static wl:	160		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1966	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/22/1995
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	06/26/1995
Gravel p 1:	50	Gravel p 2:	405
Utm x:	663795.842835		
Utm y:	3986538.87741		
Site id:	NV3000000002144		

57
NNW **NV WELLS** **NV3000000002128**
1/2 - 1 Mile
Higher

Well log:	27229	App:	42694
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/03/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ROBERTS, GEORGE		
Owner addr:	3360 W RICHMAR AVE		
Owner no:	Not Reported		
Parcel no:	177-20-304-008	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/23/1977	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	200
Bottom per:	300	Perf inter:	1
Static wl:	195		
Temperatur:	78		
Yield:	35		
Drawdown:	0		
Hours pump:	1		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	13577	Contract 1:	VINCENT DRESDEN
Contract 2:	4413 E BERKLEY LAS VEGAS NV		
Contract 3:	0		
Driller li:	797	Source age:	NV003
User id:	NAFLECKS	Date entry:	05/17/2004
Update use:	DBRANTLEY	Date updat:	05/10/2007
Edit statu:	F	Well start:	08/21/1977
Gravel p 1:	50	Gravel p 2:	300

Utm x:	663545.864523
Utm y:	3986503.51507
Site id:	NV3000000002128

58
NNE **NV WELLS** **NV3000000002147**
1/2 - 1 Mile
Lower

Well log:	53799	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/01/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	AB
Legal quar:	NW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	RIERA, AMADO		
Owner addr:	9975 S PARVIN LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/29/1980	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	320	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	320
Csng diame:	6.62		
Csng reduc:	0	Top perf:	205
Bottom per:	320	Perf inter:	1
Static wl:	196		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	1		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	5095A	Contract 1:	ALLEN WATER WELL SERVICE CO
Contract 2:	P O BOX 15149 LAS VEGAS NV 89114		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	07/01/1998
Edit statu:	F	Well start:	01/21/1980
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664196.424859		
Utm y:	3986546.36011		
Site id:	NV3000000002147		

Map ID Direction Distance Elevation	Database	EDR ID Number
59 **WSW** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001828**

Well log:	62170	App:	57364
Notice of :	15322	Waiver no:	Not Reported
Date log r:	03/04/1997	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	31	Sec quarte:	AA
Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	AYERS, BEVERLY		
Owner addr:	10565 SCHUSTER ST		
Owner no:	Not Reported		
Parcel no:	177-31-501-009	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/27/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.62		
Csng reduc:	0	Top perf:	340
Bottom per:	380	Perf inter:	1
Static wl:	180		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/05/1997
Update use:	Not Reported	Date updat:	05/02/1997
Edit statu:	F	Well start:	02/24/1997
Gravel p 1:	50	Gravel p 2:	400
Utm x:	663024.994018		
Utm y:	3984890.84393		
Site id:	NV3000000001828		

M60 **NW** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000002055**

Well log:	93145	App:	Not Reported
Notice of :	26289	Waiver no:	Not Reported
Date log r:	05/18/2004	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AD
Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	B J P LIVING TRUST & PETRINA, JAMES		
Owner addr:	JOE RAE & VALLEY VIEW		
Owner no:	Not Reported		
Parcel no:	177-30-604-016	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/07/2004	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	503	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	501
Csng diame:	6		
Csng reduc:	0	Top perf:	460
Bottom per:	500	Perf inter:	1
Static wl:	175		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	2		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	DBRANTLEY	Date entry:	05/19/2004
Update use:	DBRANTLEY	Date updat:	05/26/2004
Edit statu:	F	Well start:	05/04/2004
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663002.116291		
Utm y:	3986123.38921		
Site id:	NV3000000002055		

M61
NW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002054**

Well log:	74929	App:	Not Reported
Notice of :	16589	Waiver no:	Not Reported
Date log r:	05/03/1999	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AD

Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MURPHY, PAULINE		
Owner addr:	4080 W PYLE AVE		
Owner no:	Not Reported		
Parcel no:	177-30-604-022	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/16/1999	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	405
Csng diame:	6		
Csng reduc:	0	Top perf:	340
Bottom per:	405	Perf inter:	1
Static wl:	180		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	.5		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	05/18/1999
Update use:	Not Reported	Date updat:	09/21/1999
Edit statu:	F	Well start:	04/08/1999
Gravel p 1:	50	Gravel p 2:	405
Utm x:	663002.116291		
Utm y:	3986123.38921		
Site id:	NV3000000002054		

M62
NW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002053**

Well log:	68444	App:	Not Reported
Notice of :	15215	Waiver no:	Not Reported
Date log r:	10/20/1997	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AD
Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	EHRICH, WALTER		
Owner addr:	VALLEY VIEW BLVD & RICHMAR		
Owner no:	Not Reported		
Parcel no:	177-30-604-002	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/20/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	405	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	405
Csng diame:	6.62		
Csng reduc:	0	Top perf:	350
Bottom per:	405	Perf inter:	1
Static wl:	230		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	1		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	10/30/1997
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	09/19/1997
Gravel p 1:	50	Gravel p 2:	405
Utm x:	663002.116291		
Utm y:	3986123.38921		
Site id:	NV3000000002053		

M63
NW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002056**

Well log:	93146	App:	Not Reported
Notice of :	26290	Waiver no:	Not Reported
Date log r:	05/18/2004	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AD
Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	NELSEN, DAVID & CAROL		
Owner addr:	JOE RAE & VALLEY VIEW		
Owner no:	Not Reported		
Parcel no:	177-30-604-015	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/13/2004	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	450	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	440
Csng diame:	6		
Csng reduc:	0	Top perf:	400
Bottom per:	440	Perf inter:	1
Static wl:	173		
Temperatur:	0		
Yield:	80		
Drawdown:	0		
Hours pump:	2		
Test metho:	U	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	DBRANTLEY	Date entry:	05/19/2004
Update use:	Not Reported	Date updat:	05/26/2004
Edit statu:	F	Well start:	05/10/2004
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663002.116291		
Utm y:	3986123.38921		
Site id:	NV3000000002056		

M64
NW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002059**

Well log:	103293	App:	Not Reported
Notice of :	31056	Waiver no:	Not Reported
Date log r:	08/20/2007	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AD
Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	OLSON, GREG		
Owner addr:	4065 W JO RAE AVE		
Owner no:	Not Reported		
Parcel no:	177-30-604-012	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/08/2007	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	505	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	505
Csng diame:	6.5		
Csng reduc:	0	Top perf:	465
Bottom per:	505	Perf inter:	1
Static wl:	175		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	552	Source age:	NV003
User id:	SGARDELLA	Date entry:	09/06/2007
Update use:	SGARDELLA	Date updat:	01/14/2008
Edit statu:	F	Well start:	08/04/2007
Gravel p 1:	0	Gravel p 2:	0

Utm x:	663002.116291
Utm y:	3986123.38921
Site id:	NV3000000002059

M65
NW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002058**

Well log:	93489	App:	Not Reported
Notice of :	26320	Waiver no:	Not Reported
Date log r:	07/06/2004	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AD
Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	VARGAS, ANGEL & ROSEMARIE		
Owner addr:	JO RAE & VALLEY VIEW		
Owner no:	Not Reported		
Parcel no:	177-30-604-005	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/02/2004	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	500	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	495
Csng diame:	6		
Csng reduc:	0	Top perf:	435
Bottom per:	495	Perf inter:	1
Static wl:	180		
Temperatur:	0		
Yield:	35		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	DBRANTLEY	Date entry:	07/12/2004
Update use:	Not Reported	Date updat:	07/07/2004
Edit statu:	F	Well start:	06/28/2004
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663002.116291		
Utm y:	3986123.38921		
Site id:	NV3000000002058		

Map ID Direction Distance Elevation		Database	EDR ID Number
M66 **NW** **1/2 - 1 Mile** **Higher**		**NV WELLS**	**NV3000000002057**

Well log:	93269	App:	Not Reported
Notice of :	26291	Waiver no:	Not Reported
Date log r:	06/08/2004	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AD
Legal quar:	SE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	VARGAS, ANGEL & ROSEMARIE		
Owner addr:	JORAE & VALLEY VIEW		
Owner no:	Not Reported		
Parcel no:	177-30-604-014	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/02/2004	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	503	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	501
Csng diame:	6		
Csng reduc:	0	Top perf:	460
Bottom per:	500	Perf inter:	1
Static wl:	174		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	DBRANTLEY	Date entry:	06/09/2004
Update use:	Not Reported	Date updat:	09/13/2004
Edit statu:	F	Well start:	06/01/2004
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663002.116291		
Utm y:	3986123.38921		
Site id:	NV3000000002057		

N67 **SSW** **1/2 - 1 Mile** **Higher**		**NV WELLS**	**NV3000000001764**

Well log:	45510	App:	Not Reported
Notice of :	12416	Waiver no:	Not Reported
Date log r:	06/21/1994	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	BAIRD, RON		
Owner addr:	IRVIN & PARADISE		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/13/1994	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	360	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	360
Csng diame:	6.62		
Csng reduc:	0	Top perf:	300
Bottom per:	340	Perf inter:	1
Static wl:	165		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	KLOHAIR	Date entry:	11/02/1994
Update use:	Not Reported	Date updat:	09/14/2000
Edit statu:	F	Well start:	05/19/1994
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663433.10222		
Utm y:	3984497.71174		
Site id:	NV3000000001764		

N68
SSW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001765**

Well log:	46038	App:	Not Reported
Notice of :	10833	Waiver no:	Not Reported
Date log r:	10/13/1994	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BC

Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	WHIPPLE, LAIRD		
Owner addr:	INDUSTRIAL & IRWIN		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/28/1994	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	350	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	350
Csng diame:	6.62		
Csng reduc:	0	Top perf:	290
Bottom per:	330	Perf inter:	1
Static wl:	169		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	694		
Driller li:	694	Source age:	NV003
User id:	DBRANTLEY	Date entry:	12/01/1994
Update use:	Not Reported	Date updat:	12/08/1994
Edit statu:	F	Well start:	09/26/1994
Gravel p 1:	50	Gravel p 2:	350
Utm x:	663433.10222		
Utm y:	3984497.71174		
Site id:	NV3000000001765		

N69
SSW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001766**

Well log:	47606	App:	Not Reported
Notice of :	13225	Waiver no:	Not Reported
Date log r:	05/05/1995	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	32	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	BECKER, TONY		
Owner addr:	3640 W CONN AVE		
Owner no:	Not Reported		
Parcel no:	177-32-101-018	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/22/1995	Date cmplt:	D
Gravel pac:	Y	Depth seal:	60
Depth dril:	400	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.62		
Csng reduc:	0	Top perf:	360
Bottom per:	380	Perf inter:	1
Static wl:	168		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	1966		
Driller li:	1966	Source age:	NV003
User id:	DBRANTLEY	Date entry:	06/28/1995
Update use:	Not Reported	Date updat:	11/15/1996
Edit statu:	F	Well start:	04/20/1995
Gravel p 1:	60	Gravel p 2:	400
Utm x:	663433.10222		
Utm y:	3984497.71174		
Site id:	NV3000000001766		

70
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001912**

Well log:	57572	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/06/1955	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CC
Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	WILSON, ART		
Owner addr:	3023 CONTRACT AVE LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/08/1973	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	150
Bottom per:	300	Perf inter:	1
Static wl:	90		
Temperatur:	0		
Yield:	50		
Drawdown:	0		
Hours pump:	8		
Test metho:	A	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10791	Contract 1:	CHAPARRAL DRILLING & PUMPS
Contract 2:	4161 CANAL ST LAS VEGAS NV		
Contract 3:	0		
Driller li:	692	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	01/03/2007
Edit statu:	F	Well start:	11/05/1973
Gravel p 1:	50	Gravel p 2:	300
Utm x:	665020.750954		
Utm y:	3985328.82973		
Site id:	NV3000000001912		

71
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001882**

Well log:	53928	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/14/1955	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BBB
Legal quar:	NW NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	WILLIAMS, CHARLES C		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/09/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	154	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	154
Csng diame:	8		
Csng reduc:	0	Top perf:	105
Bottom per:	154	Perf inter:	1
Static wl:	95		
Temperatur:	0		
Yield:	15		
Drawdown:	125		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	205	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	dsdavis	Date updat:	10/21/1996
Edit statu:	F	Well start:	08/30/1955
Gravel p 1:	0	Gravel p 2:	0

Utm x:	664926.376988
Utm y:	3985018.81114
Site id:	NV3000000001882

O72
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001979**

Well log:	57519	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/26/1978	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CB
Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CHERRY, RICHARD		
Owner addr:	1015 S HAVEN ST		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/08/1973	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	350	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	350
Csng diame:	6		
Csng reduc:	0	Top perf:	150
Bottom per:	350	Perf inter:	1
Static wl:	150		
Temperatur:	0		
Yield:	312		
Drawdown:	100		
Hours pump:	6		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10791	Contract 1:	CHAPARRAL DRILLING & PUMPS
Contract 2:	4161 CANAL ST LAS VEGAS NV		
Contract 3:	0		
Driller li:	692	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	dsdavis	Date updat:	12/17/1996
Edit statu:	F	Well start:	05/05/1973
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665013.224271		
Utm y:	3985729.40847		
Site id:	NV3000000001979		

Map ID Direction Distance Elevation	Database	EDR ID Number
O73 **East** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000001978**

Well log:	31178	App:	Not Reported
Notice of :	5871	Waiver no:	Not Reported
Date log r:	02/14/1989	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CB
Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	JONES, JERRY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/25/1989	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	350	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	350
Csng diame:	8.62		
Csng reduc:	0	Top perf:	310
Bottom per:	350	Perf inter:	1
Static wl:	133		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	NAFLECKS	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	11/21/1996
Edit statu:	F	Well start:	01/19/1989
Gravel p 1:	50	Gravel p 2:	350
Utm x:	665013.224271		
Utm y:	3985729.40847		
Site id:	NV3000000001978		

O74 **East** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000001981**

Well log:	57577	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/04/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CB
Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	YIATRAS, TOM		
Owner addr:	10160 S LAS VEGAS BLVD		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/10/1980	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	230	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	230
Csng diame:	8.62		
Csng reduc:	0	Top perf:	130
Bottom per:	230	Perf inter:	1
Static wl:	130		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	4286A	Contract 1:	THOMPSON DRILLING CO INC
Contract 2:	4185 W HARMON LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	582	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	01/03/2007
Edit statu:	F	Well start:	03/04/1980
Gravel p 1:	50	Gravel p 2:	230
Utm x:	665013.224271		
Utm y:	3985729.40847		
Site id:	NV3000000001981		

O75
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001980**

Well log:	57550	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/09/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CB

Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	OSBORNE, GLYNN		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/06/1977	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	71		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	05/31/1977
Gravel p 1:	50	Gravel p 2:	300
Utm x:	665013.224271		
Utm y:	3985729.40847		
Site id:	NV3000000001980		

76
North
1/2 - 1 Mile
Higher

FED USGS **USGS3100181**

Agency cd:	USGS	Site no:	360045115105801
Site name:	212 S22 E61 20CDC 1		
Latitude:	360045	EDR Site id:	USGS3100181
Longitude:	1151058	Dec lat:	36.0124738
Dec lon:	-115.18360696	Coor meth:	M
Coor accr:	M	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	32
State:	32	County:	003
Country:	US	Land net:	SWSESWS20 T22S R61E M
Location map:	LAS VEGAS SW, NV	Map scale:	24000
Altitude:	2294.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Las Vegas Wash. Nevada. Area = 1860 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	180	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-02-23	Ground water data end date:	1973-02-21
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1973-02-21	0		1972-02-15	175.69	
1971-02-23	162.75				

P77
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001839**

Well log:	53815	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	12/13/1972	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	BURPEE, ROBERT C		
Owner addr:	71 E CACTUS		
Owner no:	Not Reported		
Parcel no:	177-33-102-002	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	12/07/1972	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	260
Bottom per:	300	Perf inter:	1
Static wl:	118		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	3768	Contract 1:	EFFINGER DRILLING & PUMP SVC
Contract 2:	P O BOX 579 LAS VEGAS NV		
Contract 3:	0		
Driller li:	212	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	11/29/1972
Gravel p 1:	50	Gravel p 2:	295
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001839		

P78
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001838**

Well log:	53813	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	12/19/1978	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BROOK, JOSEPH & ANNE L		
Owner addr:	2050 CRAWFORD LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/06/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	150	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	150
Csng diame:	8		
Csng reduc:	0	Top perf:	110
Bottom per:	150	Perf inter:	1
Static wl:	110		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	133	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	09/14/2000
Edit statu:	F	Well start:	04/04/1955
Gravel p 1:	0	Gravel p 2:	0

Utm x:	665028.276981
Utm y:	3984928.25121
Site id:	NV3000000001838

P79
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001840**

Well log:	53824	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	07/07/1969	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CACTUS ENTERPRISES		
Owner addr:	5437 MT VIEW		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/24/1969	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	8.62		
Csng reduc:	0	Top perf:	140
Bottom per:	200	Perf inter:	1
Static wl:	150		
Temperatur:	0		
Yield:	20		
Drawdown:	30		
Hours pump:	1		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	156	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	10/18/1996
Edit statu:	F	Well start:	06/18/1969
Gravel p 1:	50	Gravel p 2:	200
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001840		

Map ID Direction Distance Elevation	Database	EDR ID Number
P80 **ESE** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001842**

Well log:	53828	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/29/1969	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CACTUS ENTERPRISES		
Owner addr:	3300 CINDER LN LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/25/1969	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	210	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	210
Csng diame:	0		
Csng reduc:	0	Top perf:	160
Bottom per:	210	Perf inter:	1
Static wl:	150		
Temperatur:	0		
Yield:	25		
Drawdown:	20		
Hours pump:	1		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	2018A	Contract 1:	CHARLIE CRIBBS
Contract 2:	2710 PALAMINO LN LAS VEGAS NV		
Contract 3:	0		
Driller li:	0	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	10/21/1996
Edit statu:	F	Well start:	08/20/1969
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001842		

P81 **ESE** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001841**

Well log:	53825	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	07/07/1969	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CACTUS ENTERPRISES		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/02/1969	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	8.62		
Csng reduc:	0	Top perf:	140
Bottom per:	200	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	20		
Drawdown:	30		
Hours pump:	1		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	2018A	Contract 1:	CHARLIE CRIBBS
Contract 2:	2710 PALAMINO LN LAS VEGAS NV		
Contract 3:	70		
Driller li:	156	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	dsdavis	Date updat:	10/21/1996
Edit statu:	F	Well start:	06/24/1969
Gravel p 1:	50	Gravel p 2:	200
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001841		

P82
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001834**

Well log:	27236	App:	Not Reported
Notice of :	2065	Waiver no:	Not Reported
Date log r:	03/01/1985	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB

Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	DODD, GLEN		
Owner addr:	10680 HAVEN ST		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/10/1985	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	272	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	272
Csng diame:	8		
Csng reduc:	1	Top perf:	232
Bottom per:	272	Perf inter:	1
Static wl:	153		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	22059	Contract 1:	S & H DRILLING
Contract 2:	HCR 65 BOX 70906 PAHRUMP NV 89041		
Contract 3:	0		
Driller li:	1426	Source age:	NV003
User id:	Not Reported	Date entry:	05/17/2004
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	02/07/1985
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001834		

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ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001833**

Well log:	23815	App:	49758
Notice of :	0	Waiver no:	Not Reported
Date log r:	06/04/1982	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	CONN AVE WELL ASSOCIATION		
Owner addr:	55 CONN AVE		
Owner no:	Not Reported		
Parcel no:	177-33-104-001	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/10/1982	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	464	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	464
Csng diame:	8.62		
Csng reduc:	0	Top perf:	0
Bottom per:	464	Perf inter:	1
Static wl:	140		
Temperatur:	0		
Yield:	75		
Drawdown:	0		
Hours pump:	1		
Test metho:	C	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	TLELLIS	Date entry:	05/05/2004
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	03/06/1982
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001833		

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ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001835**

Well log:	29556	App:	54145
Notice of :	7072	Waiver no:	Not Reported
Date log r:	12/17/1990	Date log 1:	M
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	CICORIA, MICHAEL		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	12/17/1990	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	265	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	265
Csng diame:	8.62		
Csng reduc:	0	Top perf:	225
Bottom per:	265	Perf inter:	1
Static wl:	148		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F

Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	NAFLECKS	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	07/24/1996
Edit statu:	F	Well start:	12/13/1990
Gravel p 1:	50	Gravel p 2:	265
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001835		

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ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001837**

Well log:	53806	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/09/1969	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	ADAMS, LEVI J		
Owner addr:	57 W COURT ST		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/26/1969	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	225	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	225
Csng diame:	6.62		
Csng reduc:	0	Top perf:	155
Bottom per:	225	Perf inter:	1
Static wl:	113		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	3046	Contract 1:	LOUIS F EVANS
Contract 2:	2012 CARROLL NO LAS VEGAS NV		
Contract 3:	0		
Driller li:	117	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	09/14/2000
Edit statu:	F	Well start:	03/14/1969
Gravel p 1:	0	Gravel p 2:	0

Utm x:	665028.276981
Utm y:	3984928.25121
Site id:	NV3000000001837

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ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001836**

Well log:	49602	App:	57066
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/31/1978	Date log 1:	Not Reported
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	P	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CROCHOW, ELLA D		
Owner addr:	10675 S HARMEN		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/20/1974	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	250	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	250
Csng diame:	6		
Csng reduc:	0	Top perf:	142
Bottom per:	150	Perf inter:	1
Static wl:	135		
Temperatur:	0		
Yield:	14		
Drawdown:	43		
Hours pump:	16		
Test metho:	P	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	3325	Contract 1:	DOUGLAS SLAGLE
Contract 2:	4518 E VEGAS VALLEY DR LAS VEGAS NV		
Contract 3:	0		
Driller li:	137	Source age:	NV003
User id:	BJFOSTER	Date entry:	01/29/1996
Update use:	dsdavis	Date updat:	07/01/1998
Edit statu:	F	Well start:	05/18/1974
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001836		

Map ID Direction Distance Elevation	Database	EDR ID Number
P87 **ESE** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001849**

Well log:	53933	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/21/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	WILSON, WAYNE		
Owner addr:	4055 GOLD COAST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/12/1979	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	130		
Temperatur:	0		
Yield:	30		
Drawdown:	161		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	2065	Contract 1:	S R MCKINNEY & SONS INC
Contract 2:	2151 MCCARREN N LAS VEGAS NV 89030		
Contract 3:	0		
Driller li:	45	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	Not Reported	Date updat:	10/21/1996
Edit statu:	F	Well start:	08/15/1979
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001849		

P88 **ESE** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001848**

Well log:	53929	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/14/1955	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	WILLIAMS, LESLIE		
Owner addr:	300 N 10TH ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/08/1954	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	150	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	61
Csng diame:	8		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	100		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	134	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	Not Reported	Date updat:	10/21/1996
Edit statu:	F	Well start:	05/01/1954
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001848		

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ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001850**

Well log:	60830	App:	Not Reported
Notice of :	15320	Waiver no:	Not Reported
Date log r:	02/12/1997	Date log 1:	D
Site type:	N	Work type:	S
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB

Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	COMAROW, DAVID		
Owner addr:	10561 S HAVEN		
Owner no:	Not Reported		
Parcel no:	177-33-102-007	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/08/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	6.62		
Csng reduc:	0	Top perf:	340
Bottom per:	380	Perf inter:	1
Static wl:	143		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	22311	Contract 1:	WATER WELL SERVICES
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/13/1997
Update use:	Not Reported	Date updat:	07/08/1998
Edit statu:	F	Well start:	02/06/1997
Gravel p 1:	50	Gravel p 2:	400
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001850		

P90
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001852**

Well log:	70814	App:	Not Reported
Notice of :	16549	Waiver no:	Not Reported
Date log r:	03/12/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	GELATIC, JOHN		
Owner addr:	52 E CONN RD		
Owner no:	Not Reported		
Parcel no:	177-33-102-004	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/27/1998	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	310	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	310
Csng diame:	6.62		
Csng reduc:	0	Top perf:	240
Bottom per:	310	Perf inter:	1
Static wl:	190		
Temperatur:	0		
Yield:	35		
Drawdown:	0		
Hours pump:	0		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	42266	Contract 1:	MITCHELL ENTERPRISES
Contract 2:	4250 S ARVILLE #262 LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1475	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/30/1998
Update use:	user15	Date updat:	12/30/1998
Edit statu:	F	Well start:	02/25/1998
Gravel p 1:	50	Gravel p 2:	310
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001852		

P91
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001851**

Well log:	64730	App:	Not Reported
Notice of :	15199	Waiver no:	Not Reported
Date log r:	04/23/1997	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	REDDING, FLINT		
Owner addr:	CONN & GILES ST		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/11/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	307	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	307
Csng diame:	6.62		
Csng reduc:	0	Top perf:	247
Bottom per:	307	Perf inter:	1
Static wl:	160		
Temperatur:	0		
Yield:	50		
Drawdown:	0		
Hours pump:	.5		
Test metho:	A	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	04/25/1997
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	04/07/1997
Gravel p 1:	50	Gravel p 2:	307
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001851		

P92
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001844**

Well log:	53877	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/02/1972	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	JONES, F E		
Owner addr:	960 E LARAMORE		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/24/1972	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	260
Bottom per:	300	Perf inter:	1
Static wl:	130		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	3768	Contract 1:	EFFINGER DRILLING & PUMP SVC
Contract 2:	P O BOX 579 LAS VEGAS NV		
Contract 3:	0		
Driller li:	212	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	dsdavis	Date updat:	10/21/1996
Edit statu:	F	Well start:	04/10/1972
Gravel p 1:	50	Gravel p 2:	295

Utm x:	665028.276981
Utm y:	3984928.25121
Site id:	NV3000000001844

P93
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001843**

Well log:	53829	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/25/1969	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CACTUS ENTERPRISES		
Owner addr:	3300 CINDER LN		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/21/1969	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	8.62		
Csng reduc:	0	Top perf:	150
Bottom per:	200	Perf inter:	1
Static wl:	150		
Temperatur:	0		
Yield:	15		
Drawdown:	20		
Hours pump:	1		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	2018A	Contract 1:	CHARLIE CRIBBS
Contract 2:	2710 PALAMINO LN LAS VEGAS NV		
Contract 3:	0		
Driller li:	70	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	10/21/1996
Edit statu:	F	Well start:	08/15/1969
Gravel p 1:	50	Gravel p 2:	200
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001843		

Map ID Direction Distance Elevation	Database	EDR ID Number
P94 **ESE** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001845**

Well log:	53908	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	01/11/1978	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32033	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	SELLERS, JERRY		
Owner addr:	25 E CACTUS ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/01/1977	Date cmplt:	M
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	200
Bottom per:	300	Perf inter:	1
Static wl:	142		
Temperatur:	67		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	5962A	Contract 1:	WEIMER DRILLING
Contract 2:	9051 S MOHAWK ST LAS VEGAS NV 89118		
Contract 3:	0		
Driller li:	171	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	dsdavis	Date updat:	10/21/1996
Edit statu:	F	Well start:	02/01/1977
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001845		

P95 **ESE** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001847**

Well log:	53927	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/11/1979	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	WHITTENBURG CONSTRUCTION		
Owner addr:	80 CONN ST		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/20/1979	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	124		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	dsdavis	Date updat:	10/15/1996
Edit statu:	F	Well start:	06/15/1979
Gravel p 1:	50	Gravel p 2:	300
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001847		

P96
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001846**

Well log:	53909	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/26/1980	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BB

Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	SHELDON, GLENN		
Owner addr:	10761 S HAVEN		
Owner no:	Not Reported		
Parcel no:	177-33-201-010	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/24/1980	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	355	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	355
Csng diame:	8.62		
Csng reduc:	0	Top perf:	170
Bottom per:	355	Perf inter:	1
Static wl:	154		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	1		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	5095A	Contract 1:	ALLEN WATER WELL SERVICE CO
Contract 2:	P O BOX 15149 LAS VEGAS NV 89114		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	06/17/1980
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665028.276981		
Utm y:	3984928.25121		
Site id:	NV3000000001846		

97
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002148**

Well log:	45147	App:	Not Reported
Notice of :	12410	Waiver no:	Not Reported
Date log r:	08/23/1994	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	29	Sec quarte:	AA
Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	RICHARDSON, DON		
Owner addr:	DYLE & PARVIN		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/23/1994	Date cmplt:	D
Gravel pac:	Y	Depth seal:	70
Depth dril:	300	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	276
Bottom per:	300	Perf inter:	1
Static wl:	122		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	10/17/1994
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	08/12/1994
Gravel p 1:	70	Gravel p 2:	300
Utm x:	664597.00719		
Utm y:	3986553.86112		
Site id:	NV3000000002148		

Q98
ENE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002027**

Well log:	57522	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/18/1976	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	COMPTON, ROBERT		
Owner addr:	9934 S LAS VEGAS BLVD LV NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/25/1975	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	140
Bottom per:	300	Perf inter:	1
Static wl:	124		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	11/10/1975
Gravel p 1:	50	Gravel p 2:	300
Utm x:	665005.696931		
Utm y:	3986129.98744		
Site id:	NV3000000002027		

Q99
ENE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002026**

Well log:	38899	App:	51968
Notice of :	11207	Waiver no:	Not Reported
Date log r:	07/21/1992	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	STOYONOV, LUBEN		
Owner addr:	PYLE & HAVEN		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/27/1992	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	405	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	405
Csng diame:	8.62		
Csng reduc:	0	Top perf:	343
Bottom per:	385	Perf inter:	1
Static wl:	130		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	11/21/1996
Edit statu:	F	Well start:	06/24/1992
Gravel p 1:	50	Gravel p 2:	405

Utm x:	665005.696931
Utm y:	3986129.98744
Site id:	NV3000000002026

Q100
ENE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002029**

Well log:	57540	App:	Not Reported
Notice of :	476	Waiver no:	Not Reported
Date log r:	05/16/1984	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	LELLES, ARTHUR		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/27/1984	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	75
Depth dril:	280	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	280
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	280	Perf inter:	1
Static wl:	109		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	552	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	11/21/1996
Edit statu:	F	Well start:	07/05/1983
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665005.696931		
Utm y:	3986129.98744		
Site id:	NV3000000002029		

Map ID Direction Distance Elevation	Database	EDR ID Number
Q101 **ENE** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000002028**

Well log:	57534	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/09/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	JONES, SAM		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/17/1977	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	130		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	06/14/1977
Gravel p 1:	50	Gravel p 2:	300
Utm x:	665005.696931		
Utm y:	3986129.98744		
Site id:	NV3000000002028		

R102 **West** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001902**

Well log:	46786	App:	57497
Notice of :	13261	Waiver no:	Not Reported
Date log r:	11/21/1994	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	AYERS, RON		
Owner addr:	HINSON & CACTUS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/18/1994	Date cmplt:	D
Gravel pac:	Y	Depth seal:	60
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.62		
Csng reduc:	0	Top perf:	352
Bottom per:	375	Perf inter:	1
Static wl:	171		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	1594		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/28/1995
Update use:	Not Reported	Date updat:	05/11/2000
Edit statu:	F	Well start:	11/15/1994
Gravel p 1:	60	Gravel p 2:	400
Utm x:	662616.922046		
Utm y:	3985283.99403		
Site id:	NV3000000001902		

R103
West
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001901**

Well log:	45396	App:	Not Reported
Notice of :	12411	Waiver no:	Not Reported
Date log r:	07/27/1994	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DC

Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	AHLSTROM, DANIEL		
Owner addr:	ARVILLE & RUSH		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/11/1994	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	370	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	370
Csng diame:	8.62		
Csng reduc:	0	Top perf:	320
Bottom per:	360	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	10/27/1994
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	07/08/1994
Gravel p 1:	50	Gravel p 2:	370
Utm x:	662616.922046		
Utm y:	3985283.99403		
Site id:	NV3000000001901		

R104
West
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001903**

Well log:	46950	App:	Not Reported
Notice of :	13248	Waiver no:	Not Reported
Date log r:	02/09/1995	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	STANLEY, RON		
Owner addr:	ARVILLE & RUSH		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/31/1995	Date cmplt:	D
Gravel pac:	Y	Depth seal:	60
Depth dril:	370	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	370
Csng diame:	8.62		
Csng reduc:	0	Top perf:	330
Bottom per:	350	Perf inter:	1
Static wl:	210		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1966	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/17/1995
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	01/28/1995
Gravel p 1:	60	Gravel p 2:	370
Utm x:	662616.922046		
Utm y:	3985283.99403		
Site id:	NV3000000001903		

R105
West
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001905**

Well log:	54992	App:	Not Reported
Notice of :	15187	Waiver no:	Not Reported
Date log r:	10/08/1996	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	KRUSE, RANDY		
Owner addr:	10425 SCHIRLLS ST		
Owner no:	Not Reported		
Parcel no:	177-30-801-014	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/04/1996	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	390	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	380
Csng diame:	8		
Csng reduc:	0	Top perf:	320
Bottom per:	380	Perf inter:	1
Static wl:	160		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	10/09/1996
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	08/19/1996
Gravel p 1:	0	Gravel p 2:	0
Utm x:	662616.922046		
Utm y:	3985283.99403		
Site id:	NV3000000001905		

R106
West
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001904**

Well log:	47610	App:	Not Reported
Notice of :	14024	Waiver no:	Not Reported
Date log r:	05/31/1995	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	AYERS, RON		
Owner addr:	10445 SCHIRLLS ST		
Owner no:	Not Reported		
Parcel no:	177-30-801-015	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/24/1995	Date cmplt:	D
Gravel pac:	Y	Depth seal:	60
Depth dril:	370	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	370
Csng diame:	8.62		
Csng reduc:	0	Top perf:	330
Bottom per:	350	Perf inter:	1
Static wl:	210		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1966	Source age:	NV003
User id:	DBRANTLEY	Date entry:	06/28/1995
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	05/22/1995
Gravel p 1:	60	Gravel p 2:	370

Utm x:	662616.922046
Utm y:	3985283.99403
Site id:	NV3000000001904

S107
West
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001963**

Well log:	94356	App:	Not Reported
Notice of :	26664	Waiver no:	Not Reported
Date log r:	10/26/2004	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DB
Legal quar:	NW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	JOHNSON, BILLY D		
Owner addr:	PYLE & HINSON		
Owner no:	Not Reported		
Parcel no:	177-30-701-004	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/18/2004	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	500	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	500
Csng diame:	6		
Csng reduc:	0	Top perf:	440
Bottom per:	480	Perf inter:	1
Static wl:	190		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/08/2004
Update use:	Not Reported	Date updat:	11/08/2004
Edit statu:	F	Well start:	10/16/2004
Gravel p 1:	0	Gravel p 2:	0
Utm x:	662609.505099		
Utm y:	3985684.57093		
Site id:	NV3000000001963		

Map ID Direction Distance Elevation	Database	EDR ID Number
S108 **West** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001960**

Well log:	36555	App:	Not Reported
Notice of :	9243	Waiver no:	Not Reported
Date log r:	01/17/1992	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DB
Legal quar:	NW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ARMENTROUT, ROY		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/10/1992	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	505	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	505
Csng diame:	8.62		
Csng reduc:	0	Top perf:	465
Bottom per:	505	Perf inter:	1
Static wl:	185		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	01/02/1992
Gravel p 1:	50	Gravel p 2:	505
Utm x:	662609.505099		
Utm y:	3985684.57093		
Site id:	NV3000000001960		

S109 **West** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001961**

Well log:	41215	App:	55331
Notice of :	11303	Waiver no:	Not Reported
Date log r:	04/06/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DB
Legal quar:	NW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MOORE, LOUISE		
Owner addr:	FRIAS & SCHUSTER		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/31/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	60
Depth dril:	500	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	500
Csng diame:	8.62		
Csng reduc:	0	Top perf:	400
Bottom per:	480	Perf inter:	2
Static wl:	265		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	694	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	Not Reported	Date updat:	09/18/1996
Edit statu:	F	Well start:	03/05/1993
Gravel p 1:	0	Gravel p 2:	0
Utm x:	662609.505099		
Utm y:	3985684.57093		
Site id:	NV3000000001961		

S110
West
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001962**

Well log:	94147	App:	Not Reported
Notice of :	26322	Waiver no:	Not Reported
Date log r:	07/30/2004	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	DB

Legal quar:	NW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	LAVIN, THOMAS J		
Owner addr:	ARVILLE & PYLE		
Owner no:	Not Reported		
Parcel no:	177-30-701-008	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/26/2004	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	475	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	475
Csng diame:	6		
Csng reduc:	0	Top perf:	415
Bottom per:	475	Perf inter:	1
Static wl:	261		
Temperatur:	0		
Yield:	50		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	DBRANTLEY	Date entry:	10/26/2004
Update use:	Not Reported	Date updat:	11/08/2004
Edit statu:	F	Well start:	07/22/2004
Gravel p 1:	0	Gravel p 2:	0
Utm x:	662609.505099		
Utm y:	3985684.57093		
Site id:	NV3000000001962		

T111
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002087**

Well log:	57530	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/18/1964	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BBC
Legal quar:	SW NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	HERR, HELEN		
Owner addr:	213 E CHARLESTON BLVD		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/02/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	200	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	200
Csng diame:	8		
Csng reduc:	0	Top perf:	90
Bottom per:	200	Perf inter:	1
Static wl:	80		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	195	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	10/15/2001
Edit statu:	F	Well start:	03/28/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664899.759126		
Utm y:	3986436.24373		
Site id:	NV3000000002087		

T112
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002086**

Well log:	57512	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/24/1978	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BBC
Legal quar:	SW NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	BAUER, WILLIAM		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/11/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	150	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	150
Csng diame:	6		
Csng reduc:	0	Top perf:	90
Bottom per:	150	Perf inter:	1
Static wl:	85		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	192	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	04/09/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664899.759126		
Utm y:	3986436.24373		
Site id:	NV3000000002086		

T113
NE **NV WELLS** **NV3000000002089**
1/2 - 1 Mile
Lower

Well log:	57562	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/17/1968	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BBC
Legal quar:	SW NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	THORE, PAULA A		
Owner addr:	1234 S 10TH ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/19/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	150	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	150
Csng diame:	6		
Csng reduc:	0	Top perf:	90
Bottom per:	150	Perf inter:	1
Static wl:	87		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	192	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	04/18/1955
Gravel p 1:	0	Gravel p 2:	0

Utm x:	664899.759126
Utm y:	3986436.24373
Site id:	NV3000000002089

T114
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002088**

Well log:	57549	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/25/1983	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BBC
Legal quar:	SW NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	NISSON, PAUL		
Owner addr:	P O BOX 1391 LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/21/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	150	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	150
Csng diame:	6		
Csng reduc:	0	Top perf:	90
Bottom per:	150	Perf inter:	1
Static wl:	82		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	192	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	04/20/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664899.759126		
Utm y:	3986436.24373		
Site id:	NV3000000002088		

Map ID Direction Distance Elevation		Database	EDR ID Number
115 **North** **1/2 - 1 Mile** **Lower**		**NV WELLS**	**NV3000000002178**

Well log:	57330	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/20/1979	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	DCC
Legal quar:	SW SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	SHEVLAN, LOUIS		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/06/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	8		
Csng reduc:	0	Top perf:	125
Bottom per:	200	Perf inter:	1
Static wl:	122		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/19/1996
Update use:	Not Reported	Date updat:	11/09/2004
Edit statu:	F	Well start:	04/29/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664090.519734		
Utm y:	3986852.62519		
Site id:	NV3000000002178		

U116 **NW** **1/2 - 1 Mile** **Higher**		**NV WELLS**	**NV3000000002137**

Well log:	70762	App:	Not Reported
Notice of :	16550	Waiver no:	Not Reported
Date log r:	03/12/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AA
Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	LAKE, JOHN		
Owner addr:	LEBARON & HINSON		
Owner no:	Not Reported		
Parcel no:	177-30-507-002	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/09/1998	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	330	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	330
Csng diame:	6.62		
Csng reduc:	0	Top perf:	260
Bottom per:	330	Perf inter:	1
Static wl:	200		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	3		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	42266	Contract 1:	MITCHELL ENTERPRISES
Contract 2:	4250 S ARVILLE #262 LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1475	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/24/1998
Update use:	dsdavis	Date updat:	04/30/1998
Edit statu:	F	Well start:	03/02/1998
Gravel p 1:	50	Gravel p 2:	330
Utm x:	662994.679707		
Utm y:	3986523.96687		
Site id:	NV3000000002137		

U117
NW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002136**

Well log:	33678	App:	Not Reported
Notice of :	3634	Waiver no:	Not Reported
Date log r:	04/04/1990	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AA

Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ROY, ROLAND		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/30/1990	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	350	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	350
Csng diame:	6.62		
Csng reduc:	0	Top perf:	310
Bottom per:	350	Perf inter:	1
Static wl:	190		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	TLELLIS	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	09/18/1996
Edit statu:	F	Well start:	03/27/1990
Gravel p 1:	50	Gravel p 2:	350
Utm x:	662994.679707		
Utm y:	3986523.96687		
Site id:	NV3000000002136		

U118
NW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002138**

Well log:	84729	App:	Not Reported
Notice of :	23025	Waiver no:	Not Reported
Date log r:	11/28/2001	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AA
Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ANAUO, KIRK & LISA M		
Owner addr:	9780 SCHUSTER ST		
Owner no:	Not Reported		
Parcel no:	177-30-504-004	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/26/2001	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	406	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	406
Csng diame:	6.62		
Csng reduc:	0	Top perf:	202
Bottom per:	406	Perf inter:	1
Static wl:	240		
Temperatur:	0		
Yield:	50		
Drawdown:	0		
Hours pump:	1		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	12/05/2001
Update use:	Not Reported	Date updat:	01/17/2002
Edit statu:	F	Well start:	11/20/2001
Gravel p 1:	0	Gravel p 2:	0
Utm x:	662994.679707		
Utm y:	3986523.96687		
Site id:	NV3000000002138		

U119
NW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002140**

Well log:	90949	App:	Not Reported
Notice of :	25275	Waiver no:	Not Reported
Date log r:	09/23/2003	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AA
Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	ANAUO, MARK & RUTH A		
Owner addr:	3900 W LANDBERG AVE		
Owner no:	Not Reported		
Parcel no:	177-30-504-005	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/10/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	407	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	407
Csng diame:	6		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	250		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1376	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/04/2003
Update use:	Not Reported	Date updat:	12/17/2003
Edit statu:	F	Well start:	09/08/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	662994.679707		
Utm y:	3986523.96687		
Site id:	NV3000000002140		

U120
NW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002139**

Well log:	85671	App:	Not Reported
Notice of :	23087	Waiver no:	Not Reported
Date log r:	03/22/2002	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AA
Legal quar:	NE NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	CRAWLEY, BRIAN		
Owner addr:	VALLEY VIEW & LANDBERG		
Owner no:	Not Reported		
Parcel no:	177-30-508-003	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/11/2002	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	403	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	403
Csng diame:	6.62		
Csng reduc:	0	Top perf:	207
Bottom per:	403	Perf inter:	1
Static wl:	200		
Temperatur:	0		
Yield:	50		
Drawdown:	0		
Hours pump:	1		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/27/2002
Update use:	Not Reported	Date updat:	05/30/2002
Edit statu:	F	Well start:	03/05/2002
Gravel p 1:	0	Gravel p 2:	0

Utm x:	662994.679707
Utm y:	3986523.96687
Site id:	NV3000000002139

121
ESE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001806**

Well log:	53859	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	12/24/1970	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BBD
Legal quar:	SE NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	DETORO, J R		
Owner addr:	1006 OAKEY BLVD		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/04/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	151	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	151
Csng diame:	8		
Csng reduc:	0	Top perf:	120
Bottom per:	150	Perf inter:	1
Static wl:	105		
Temperatur:	0		
Yield:	10		
Drawdown:	120		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	134	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	dsdavis	Date updat:	10/11/1996
Edit statu:	F	Well start:	02/24/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665130.179068		
Utm y:	3984837.69239		
Site id:	NV3000000001806		

Map ID Direction Distance Elevation	Database	EDR ID Number
V122 **East** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000001941**

Well log:	57564	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	01/22/1973	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	TOMBLIN, DARRELL		
Owner addr:	10410 RANCHO DESTINO RD		
Owner no:	Not Reported		
Parcel no:	177-28-402-001	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/25/1972	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	140
Bottom per:	300	Perf inter:	1
Static wl:	141		
Temperatur:	0		
Yield:	40		
Drawdown:	20		
Hours pump:	2		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10791	Contract 1:	CHAPARRAL DRILLING & PUMPS
Contract 2:	4161 CANAL ST LAS VEGAS NV		
Contract 3:	0		
Driller li:	638	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	DBRANTLEY	Date updat:	01/03/2007
Edit statu:	F	Well start:	05/15/1972
Gravel p 1:	50	Gravel p 2:	300
Utm x:	665344.905872		
Utm y:	3985396.38363		
Site id:	NV3000000001941		

W123 **North** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000002233**

Well log:	57300	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	02/08/1978	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	CASTRO, JUVENCIO		
Owner addr:	9660 S SULTANA LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/18/1977	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	195		
Temperatur:	78		
Yield:	20		
Drawdown:	0		
Hours pump:	1		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	13577	Contract 1:	VINCENT DRESDEN
Contract 2:	2920 BEECHWOOD PL LAS VEGAS NV		
Contract 3:	0		
Driller li:	968	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/19/1996
Update use:	Not Reported	Date updat:	07/08/1998
Edit statu:	F	Well start:	06/14/1955
Gravel p 1:	50	Gravel p 2:	300
Utm x:	663788.369014		
Utm y:	3986939.4559		
Site id:	NV3000000002233		

W124
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002234**

Well log:	57334	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/09/1965	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CD

Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	SWEENEY, RICHARD M		
Owner addr:	3197 RICHMAR ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	06/06/1965	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	6.62		
Csng reduc:	0	Top perf:	150
Bottom per:	300	Perf inter:	1
Static wl:	140		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	70	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/19/1996
Update use:	Not Reported	Date updat:	11/09/2004
Edit statu:	F	Well start:	06/01/1965
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663788.369014		
Utm y:	3986939.4559		
Site id:	NV3000000002234		

W125
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002231**

Well log:	27230	App:	51213
Notice of :	2417	Waiver no:	Not Reported
Date log r:	02/19/1986	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	HUDSON, SID		
Owner addr:	9624 SULTAN LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/13/1986	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	400	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.62		
Csng reduc:	0	Top perf:	353
Bottom per:	400	Perf inter:	1
Static wl:	181		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	Not Reported	Date entry:	05/17/2004
Update use:	dsdavis	Date updat:	06/29/1998
Edit statu:	F	Well start:	02/09/1986
Gravel p 1:	50	Gravel p 2:	400
Utm x:	663788.369014		
Utm y:	3986939.4559		
Site id:	NV3000000002231		

W126
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002232**

Well log:	57290	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/18/1975	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BAYLINSON, REBECCA		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/15/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	180	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	180
Csng diame:	8		
Csng reduc:	0	Top perf:	140
Bottom per:	180	Perf inter:	1
Static wl:	121		
Temperatur:	0		
Yield:	35		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	45	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/19/1996
Update use:	Not Reported	Date updat:	07/08/1998
Edit statu:	F	Well start:	04/09/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663788.369014		
Utm y:	3986939.4559		
Site id:	NV3000000002232		

W127
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002235**

Well log:	57335	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/09/1965	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	SWEENEY, RICHARD		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/05/1953	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	178	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	40
Csng diame:	8		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	131		
Temperatur:	0		
Yield:	4		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	137	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/19/1996
Update use:	Not Reported	Date updat:	11/09/2004
Edit statu:	F	Well start:	06/11/1953
Gravel p 1:	0	Gravel p 2:	0

Utm x:	663788.369014
Utm y:	3986939.4559
Site id:	NV3000000002235

W128
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002238**

Well log:	98831	App:	Not Reported
Notice of :	28252	Waiver no:	Not Reported
Date log r:	03/06/2006	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	FRIAS, CHARLIE & PHYLLIS		
Owner addr:	3080 RICHMAR AVE		
Owner no:	Not Reported		
Parcel no:	177-20-302-012	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/02/2006	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	450	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	450
Csng diame:	6		
Csng reduc:	0	Top perf:	330
Bottom per:	450	Perf inter:	1
Static wl:	187		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	0		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	59948	Contract 1:	T D C
Contract 2:	9160 INDUSTRIAL RD LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1737	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/13/2006
Update use:	DBRANTLEY	Date updat:	04/26/2006
Edit statu:	F	Well start:	02/07/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663788.369014		
Utm y:	3986939.4559		
Site id:	NV3000000002238		

Map ID Direction Distance Elevation	Database	EDR ID Number
W129 **North** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000002239**

Well log:	99819	App:	Not Reported
Notice of :	27138	Waiver no:	Not Reported
Date log r:	05/30/2006	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	CLARK COUNTY DEPARTMENT OF PUBLIC WORKS		
Owner addr:	9670 SULTANA		
Owner no:	Not Reported		
Parcel no:	177-20-403-011	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/26/2006	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	280	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	8		
Csng reduc:	0	Top perf:	100
Bottom per:	200	Perf inter:	1
Static wl:	190		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	TWO WELLS ON PARCEL WERE PLUGGED		
Remarks ad:	Not Reported		
Contractor:	59948	Contract 1:	T D C
Contract 2:	9160 INDUSTRIAL RD LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	2316	Source age:	NV003
User id:	SGARDELLA	Date entry:	06/29/2006
Update use:	Not Reported	Date updat:	07/11/2006
Edit statu:	F	Well start:	05/25/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663788.369014		
Utm y:	3986939.4559		
Site id:	NV3000000002239		

W130 **North** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000002236**

Well log:	75494	App:	47635
Notice of :	16591	Waiver no:	Not Reported
Date log r:	06/09/1999	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	NORCOT, JIM		
Owner addr:	210 ROBINDALE		
Owner no:	Not Reported		
Parcel no:	177-20-402-009	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/20/1999	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	370	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	210		
Temperatur:	0		
Yield:	25		
Drawdown:	370		
Hours pump:	.5		
Test metho:	U	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	06/16/1999
Update use:	DSDAVIS	Date updat:	09/28/1999
Edit statu:	F	Well start:	05/15/1999
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663788.369014		
Utm y:	3986939.4559		
Site id:	NV3000000002236		

W131
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002237**

Well log:	90022	App:	Not Reported
Notice of :	25098	Waiver no:	Not Reported
Date log r:	07/28/2003	Date log 1:	D
Site type:	E	Work type:	R
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CD

Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	HERDA, JOHN		
Owner addr:	9670 SULTANA		
Owner no:	Not Reported		
Parcel no:	177-20-403-011	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/19/2003	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	280	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	190		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	552	Source age:	NV003
User id:	DBRANTLEY	Date entry:	08/04/2003
Update use:	DBRANTLEY	Date updat:	08/14/2003
Edit statu:	F	Well start:	07/19/2003
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663788.369014		
Utm y:	3986939.4559		
Site id:	NV3000000002237		

X132
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002083**

Well log:	29718	App:	48393
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/13/1988	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BBDC
Legal quar:	SW SE NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DUNN, MICHAEL		
Owner addr:	1932 BALLARD ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/10/1955	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	180	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	180
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	180	Perf inter:	1
Static wl:	92.3		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	105	Source age:	NV003
User id:	NAFLECKS	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	06/26/1998
Edit statu:	F	Well start:	12/27/1954
Gravel p 1:	50	Gravel p 2:	180
Utm x:	665050.559041		
Utm y:	3986408.25264		
Site id:	NV3000000002083		

Y133
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002051**

Well log:	74930	App:	Not Reported
Notice of :	16588	Waiver no:	Not Reported
Date log r:	05/03/1999	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AC
Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MURPHY, PAULINE		
Owner addr:	HINSON & PYLE		
Owner no:	Not Reported		
Parcel no:	177-30-604-021	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/16/1999	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	407	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	405
Csng diame:	6		
Csng reduc:	0	Top perf:	340
Bottom per:	405	Perf inter:	1
Static wl:	180		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	.5		
Test metho:	A	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1798	Source age:	NV003
User id:	DBRANTLEY	Date entry:	05/18/1999
Update use:	Not Reported	Date updat:	09/21/1999
Edit statu:	F	Well start:	04/08/1999
Gravel p 1:	50	Gravel p 2:	405
Utm x:	662601.516893		
Utm y:	3986115.96169		
Site id:	NV3000000002051		

Y134
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002052**

Well log:	89482	App:	Not Reported
Notice of :	24722	Waiver no:	Not Reported
Date log r:	05/29/2003	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	AC
Legal quar:	SW NE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MEISEL, GLEN		
Owner addr:	4200 W PYLE		
Owner no:	Not Reported		
Parcel no:	177-30-604-020	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/01/2003	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	500	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	490
Csng diame:	6		
Csng reduc:	0	Top perf:	410
Bottom per:	490	Perf inter:	1
Static wl:	230		
Temperatur:	0		
Yield:	40		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	38155	Contract 1:	REDDING DRILLING
Contract 2:	8170 HAVEN ST LAS VEGAS NV 89123		
Contract 3:	0		
Driller li:	1617	Source age:	NV003
User id:	SGARDELLA	Date entry:	06/05/2003
Update use:	Not Reported	Date updat:	07/03/2003
Edit statu:	F	Well start:	04/28/2003
Gravel p 1:	50	Gravel p 2:	490

Utm x:	662601.516893
Utm y:	3986115.96169
Site id:	NV3000000002052

Z135
NNE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002240**

Well log:	57336	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/09/1965	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	TIBERTI, J A		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/28/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	180	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	180
Csng diame:	8		
Csng reduc:	0	Top perf:	140
Bottom per:	180	Perf inter:	1
Static wl:	120		
Temperatur:	0		
Yield:	35		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	45	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/19/1996
Update use:	Not Reported	Date updat:	11/09/2004
Edit statu:	F	Well start:	05/24/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664188.932743		
Utm y:	3986946.93892		
Site id:	NV3000000002240		

Map ID Direction Distance Elevation	Database	EDR ID Number
Z136 **NNE** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000002241**

Well log:	68092	App:	Not Reported
Notice of :	15771	Waiver no:	Not Reported
Date log r:	10/08/1997	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	DC
Legal quar:	SW SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BECKER V DEVELOPMENT		
Owner addr:	2850 SILVERADO RANCH BLVD		
Owner no:	Not Reported		
Parcel no:	177-20-801-004	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/10/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	135	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	135
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	10/16/1997
Update use:	dsdavis	Date updat:	11/21/1997
Edit statu:	F	Well start:	09/10/1997
Gravel p 1:	0	Gravel p 2:	135
Utm x:	664188.932743		
Utm y:	3986946.93892		
Site id:	NV3000000002241		

AA137 **SE** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001774**

Well log:	41471	App:	55724
Notice of :	11209	Waiver no:	Not Reported
Date log r:	06/02/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ADAMS, RANDY		
Owner addr:	ERIE & GILES		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/21/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.62		
Csng reduc:	0	Top perf:	320
Bottom per:	380	Perf inter:	2
Static wl:	151		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1559	Source age:	NV003
User id:	CGALEJAN	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	12/31/1996
Edit statu:	F	Well start:	04/12/1993
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001774		

AA138
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001775**

Well log:	51614	App:	Not Reported
Notice of :	17522	Waiver no:	Not Reported
Date log r:	06/05/1996	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC

Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ESCOTO, MARK		
Owner addr:	11065 HAVEN ST		
Owner no:	Not Reported		
Parcel no:	177-33-303-005	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/07/1996	Date cmplt:	D
Gravel pac:	Y	Depth seal:	53
Depth dril:	403	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	403
Csng diame:	6.63		
Csng reduc:	0	Top perf:	294
Bottom per:	394	Perf inter:	1
Static wl:	199		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	6294A	Contract 1:	BRINER DRILLING INC
Contract 2:	555 N PARKSON RD HENDERSON NV 89015		
Contract 3:	0		
Driller li:	1338	Source age:	NV003
User id:	CRWAKEFI	Date entry:	07/30/1996
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	05/04/1996
Gravel p 1:	53	Gravel p 2:	403
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001775		

AA139
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001776**

Well log:	53816	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	11/24/1970	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CACTUS ENTERPRISES		
Owner addr:	3300 CINDER LN		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/05/1970	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	240	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	240
Csng diame:	8.62		
Csng reduc:	0	Top perf:	190
Bottom per:	235	Perf inter:	1
Static wl:	140		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	3768	Contract 1:	EFFINGER DRILLING & PUMP SVC
Contract 2:	P O BOX 579 LAS VEGAS NV		
Contract 3:	0		
Driller li:	212	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	dsdavis	Date updat:	10/21/1996
Edit statu:	F	Well start:	09/14/1970
Gravel p 1:	50	Gravel p 2:	235
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001776		

AA140
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001771**

Well log:	3159	App:	13666
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/20/1955	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	I	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BRANDT, FRANK E		
Owner addr:	8921 C HUNT AVE SOUTH GATE CA		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/21/1951	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	8		
Csng reduc:	0	Top perf:	149
Bottom per:	199	Perf inter:	1
Static wl:	126		
Temperatur:	0		
Yield:	30		
Drawdown:	160		
Hours pump:	0		
Test metho:	U	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	45	Source age:	NV003
User id:	PCOOKE	Date entry:	08/15/1995
Update use:	dsdavis	Date updat:	07/24/1996
Edit statu:	F	Well start:	03/14/1951
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001771		

AA141
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001772**

Well log:	27950	App:	Not Reported
Notice of :	1484	Waiver no:	Not Reported
Date log r:	10/07/1986	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	FERNANDEZ, J R		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/04/1986	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	375	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	375
Csng diame:	6.62		
Csng reduc:	0	Top perf:	295
Bottom per:	355	Perf inter:	1
Static wl:	185		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	552		
Driller li:	552	Source age:	NV003
User id:	NAFLECKS	Date entry:	08/05/1999
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	10/01/1986
Gravel p 1:	0	Gravel p 2:	0

Utm x:	665035.80235
Utm y:	3984527.6729
Site id:	NV3000000001772

AA142
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001773**

Well log:	41470	App:	55723
Notice of :	11316	Waiver no:	Not Reported
Date log r:	06/02/1993	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ADAMS, RANDY		
Owner addr:	ERIE & GILES		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/17/1993	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.62		
Csng reduc:	0	Top perf:	320
Bottom per:	380	Perf inter:	2
Static wl:	145		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	34274	Contract 1:	DESERT DRILLING
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1559	Source age:	NV003
User id:	CGALEJAN	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	12/31/1996
Edit statu:	F	Well start:	04/12/1993
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001773		

Map ID Direction Distance Elevation	Database	EDR ID Number
AA143 **SE** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001777**

Well log:	53827	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/04/1970	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	CACTUS ENTERPRISES		
Owner addr:	3300 CINDER LN		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/15/1970	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	8.62		
Csng reduc:	0	Top perf:	160
Bottom per:	200	Perf inter:	1
Static wl:	150		
Temperatur:	68		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	5962A	Contract 1:	WEIMER DRILLING
Contract 2:	9051 S MOHAWK ST LAS VEGAS NV 89118		
Contract 3:	0		
Driller li:	171	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/18/1996
Update use:	Not Reported	Date updat:	10/21/1996
Edit statu:	F	Well start:	03/14/1970
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001777		

AA144 **SE** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000001781**

Well log:	72159	App:	Not Reported
Notice of :	16737	Waiver no:	Not Reported
Date log r:	07/27/1998	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	LASWELL, KENNETH		
Owner addr:	10762 GILES ST		
Owner no:	Not Reported		
Parcel no:	177-33-201-009	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/17/1998	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	340	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	340
Csng diame:	5		
Csng reduc:	0	Top perf:	220
Bottom per:	320	Perf inter:	3
Static wl:	152		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	22311	Contract 1:	WATER WELL SERVICES
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	08/12/1998
Update use:	user15	Date updat:	12/30/1998
Edit statu:	F	Well start:	07/15/1998
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001781		

AA145
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001782**

Well log:	72408	App:	Not Reported
Notice of :	14919	Waiver no:	Not Reported
Date log r:	09/08/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC

Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	FEELEY, CHRISTOPHER		
Owner addr:	10780 GILES ST		
Owner no:	Not Reported		
Parcel no:	177-33-201-011	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/27/1998	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	370	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	370
Csng diame:	8.62		
Csng reduc:	0	Top perf:	290
Bottom per:	350	Perf inter:	2
Static wl:	164		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	22311	Contract 1:	WATER WELL SERVICES
Contract 2:	6475 GARY AVE LAS VEGAS NV 89139		
Contract 3:	0		
Driller li:	1594	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/17/1998
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	08/19/1998
Gravel p 1:	50	Gravel p 2:	370
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001782		

AA146
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001783**

Well log:	73595	App:	Not Reported
Notice of :	14921	Waiver no:	Not Reported
Date log r:	02/10/1999	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	FEELEY, CHRISTOPHER		
Owner addr:	10780 GILES ST		
Owner no:	Not Reported		
Parcel no:	177-33-201-011	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/15/1998	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	200	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	180		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	552	Source age:	NV003
User id:	DBRANTLEY	Date entry:	03/02/1999
Update use:	user62	Date updat:	04/07/1999
Edit statu:	F	Well start:	10/12/1998
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001783		

AA147
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001778**

Well log:	53858	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	12/24/1970	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DALEY, JOHN J		
Owner addr:	10680 GILES		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	12/16/1970	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	240	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	240
Csng diame:	8.62		
Csng reduc:	0	Top perf:	190
Bottom per:	235	Perf inter:	1
Static wl:	140		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	3768	Contract 1:	EFFINGER DRILLING & PUMP SVC
Contract 2:	P O BOX 579 LAS VEGAS NV		
Contract 3:	0		
Driller li:	212	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	dsdavis	Date updat:	10/21/1996
Edit statu:	F	Well start:	12/02/1970
Gravel p 1:	50	Gravel p 2:	235
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001778		

AA148
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001779**

Well log:	53863	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	06/26/1975	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	FOLKER, ROBERT		
Owner addr:	10761 S HAVEN		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/10/1974	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	130		
Temperatur:	68		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	5962A	Contract 1:	WEIMER DRILLING
Contract 2:	9051 S MOHAWK ST LAS VEGAS NV 89118		
Contract 3:	0		
Driller li:	171	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	dsdavis	Date updat:	10/21/1996
Edit statu:	F	Well start:	12/15/1973
Gravel p 1:	0	Gravel p 2:	0

Utm x:	665035.80235
Utm y:	3984527.6729
Site id:	NV3000000001779

AA149
SE
1/2 - 1 Mile
Higher

NV WELLS **NV3000000001780**

Well log:	53889	App:	49264
Notice of :	1307	Waiver no:	Not Reported
Date log r:	12/15/1983	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	BC
Legal quar:	SW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MCMULLIN, GERALD W		
Owner addr:	75 E LEVI		
Owner no:	Not Reported		
Parcel no:	177-33-201-003	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/16/1983	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	400	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	400
Csng diame:	8.62		
Csng reduc:	0	Top perf:	340
Bottom per:	400	Perf inter:	1
Static wl:	145		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	09/19/1996
Update use:	DBRANTLEY	Date updat:	09/14/2000
Edit statu:	F	Well start:	11/08/1983
Gravel p 1:	50	Gravel p 2:	400
Utm x:	665035.80235		
Utm y:	3984527.6729		
Site id:	NV3000000001780		

Map ID Direction Distance Elevation		Database	EDR ID Number
X150 **NE** **1/2 - 1 Mile** **Lower**		**NV WELLS**	**NV3000000002122**

Well log:	57511	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/24/1978	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BBDB
Legal quar:	NW SE NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	BAUER, BERTRAM		
Owner addr:	213 E CHARLESTON BLVD		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/09/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	150	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	150
Csng diame:	6		
Csng reduc:	0	Top perf:	90
Bottom per:	150	Perf inter:	1
Static wl:	85		
Temperatur:	0		
Yield:	25		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	192	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	04/07/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665048.821237		
Utm y:	3986500.69402		
Site id:	NV3000000002122		

151 **NE** **1/2 - 1 Mile** **Lower**		**NV WELLS**	**NV3000000002164**

Well log:	57575	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	07/26/1965	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BBB
Legal quar:	NW NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	WINDHAM, H D		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/12/1956	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	160	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	160
Csng diame:	6		
Csng reduc:	0	Top perf:	120
Bottom per:	160	Perf inter:	1
Static wl:	95		
Temperatur:	0		
Yield:	20		
Drawdown:	14		
Hours pump:	.75		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	185	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	01/03/2007
Edit statu:	F	Well start:	01/05/1956
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664895.707861		
Utm y:	3986651.94024		
Site id:	NV3000000002164		

AB152
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002152**

Well log:	57523	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/18/1976	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BB

Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DAILEY, JOE W		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/12/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	60
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	8		
Csng reduc:	0	Top perf:	60
Bottom per:	200	Perf inter:	1
Static wl:	78		
Temperatur:	0		
Yield:	23		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	137	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	01/07/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664997.589829		
Utm y:	3986561.38041		
Site id:	NV3000000002152		

AB153
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002153**

Well log:	57536	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	11/02/1973	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	LAMP, R E		
Owner addr:	84 E LANDBURG LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/10/1973	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	132		
Temperatur:	70		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	5962A	Contract 1:	WEIMER DRILLING
Contract 2:	9051 S MOHAWK ST LAS VEGAS NV 89118		
Contract 3:	0		
Driller li:	171	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	08/08/1973
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664997.589829		
Utm y:	3986561.38041		
Site id:	NV3000000002153		

AB154
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002151**

Well log:	57521	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/02/1979	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	COMPTON, RON		
Owner addr:	9935 S GILES ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/28/1979	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	310	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	310
Csng diame:	8.62		
Csng reduc:	0	Top perf:	150
Bottom per:	310	Perf inter:	1
Static wl:	140		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	12866	Contract 1:	WICKOFF WATER WELLS
Contract 2:	7340 LONE MOUNTAIN ROAD LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	721	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	02/05/1979
Gravel p 1:	50	Gravel p 2:	310
Utm x:	664997.589829		
Utm y:	3986561.38041		
Site id:	NV3000000002151		

AB155
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002149**

Well log:	57508	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/10/1983	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	ANDERSON, HERBERT F		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/07/1983	Date cmplt:	Not Reported
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	150	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	150
Csng diame:	6		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	1
Static wl:	90		
Temperatur:	0		
Yield:	35		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	133	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	03/16/1955
Gravel p 1:	0	Gravel p 2:	0

Utm x:	664997.589829
Utm y:	3986561.38041
Site id:	NV3000000002149

AB156
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002150**

Well log:	57513	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/21/1979	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	BEARD, DAVID		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	02/20/1979	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	200
Bottom per:	300	Perf inter:	1
Static wl:	125		
Temperatur:	75		
Yield:	20		
Drawdown:	5		
Hours pump:	1		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	13577	Contract 1:	VINCENT DRESDEN
Contract 2:	2920 BEECHWOOD PL LAS VEGAS NV		
Contract 3:	0		
Driller li:	968	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	02/08/1979
Gravel p 1:	50	Gravel p 2:	300
Utm x:	664997.589829		
Utm y:	3986561.38041		
Site id:	NV3000000002150		

Map ID Direction Distance Elevation	Database	EDR ID Number
AB157 **NE** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000002154**

Well log:	57551	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/09/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	OSBORNE, GLYNN W		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/20/1977	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	130		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	05/18/1977
Gravel p 1:	50	Gravel p 2:	300
Utm x:	664997.589829		
Utm y:	3986561.38041		
Site id:	NV3000000002154		

AB158 **NE** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000002158**

Well log:	87348	App:	Not Reported
Notice of :	23851	Waiver no:	R-1163
Date log r:	10/28/2002	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S20	Legal twn:	20S
Rng:	E61	Legal rng:	61E
Sec:	33	Sec quarte:	CB
Legal quar:	NW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CLARK COUNTY		
Owner addr:	720 ROSE ST		
Owner no:	Not Reported		
Parcel no:	139-33-302-032	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/09/2002	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	75
Depth dril:	200	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	200
Csng diame:	8.62		
Csng reduc:	0	Top perf:	100
Bottom per:	180	Perf inter:	1
Static wl:	14		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	35639	Contract 1:	B L WEBER GROUP INC (THE)
Contract 2:	16825 S WEBER DR CHANDLER AZ 85226-4112		
Contract 3:	0		
Driller li:	2220	Source age:	NV003
User id:	DBRANTLEY	Date entry:	01/21/2003
Update use:	Not Reported	Date updat:	05/20/2005
Edit statu:	F	Well start:	10/02/2002
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664997.589829		
Utm y:	3986561.38041		
Site id:	NV3000000002158		

AB159
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002159**

Well log:	87349	App:	67010
Notice of :	22568	Waiver no:	Not Reported
Date log r:	10/28/2002	Date log 1:	D
Site type:	N	Work type:	S
Work type :	Not Reported		
Proposed u:	P	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	BD

Legal quar:	SE NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MCGAUGHEY, JAMES W		
Owner addr:	POLARIS & VICKI		
Owner no:	Not Reported		
Parcel no:	177-20-204-008	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/22/2002	Date cmplt:	D
Gravel pac:	Y	Depth seal:	52
Depth dril:	500	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	500
Csng diame:	8.62		
Csng reduc:	0	Top perf:	395
Bottom per:	500	Perf inter:	1
Static wl:	205		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	OTHER PERMIT=67011		
Remarks ad:	Not Reported		
Contractor:	4286A	Contract 1:	THOMPSON DRILLING CO INC
Contract 2:	7227 HAUCK ST LAS VEGAS NV 89118		
Contract 3:	0		
Driller li:	2074	Source age:	NV003
User id:	DBRANTLEY	Date entry:	01/21/2003
Update use:	Not Reported	Date updat:	05/20/2005
Edit statu:	F	Well start:	10/10/2002
Gravel p 1:	52	Gravel p 2:	500
Utm x:	664997.589829		
Utm y:	3986561.38041		
Site id:	NV3000000002159		

AB160
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002157**

Well log:	87347	App:	Not Reported
Notice of :	23880	Waiver no:	R-1162
Date log r:	10/28/2002	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	MATONOVICH, EVELYN		
Owner addr:	71 E SILVERADO RANCH		
Owner no:	Not Reported		
Parcel no:	177-28-101-004	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/10/2002	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	250	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	0
Csng diame:	8		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	200		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	35639	Contract 1:	B L WEBER GROUP INC (THE)
Contract 2:	16825 S WEBER DR CHANDLER AZ 85226-4112		
Contract 3:	0		
Driller li:	2220	Source age:	NV003
User id:	DBRANTLEY	Date entry:	01/21/2003
Update use:	Not Reported	Date updat:	05/20/2005
Edit statu:	F	Well start:	09/30/2002
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664997.589829		
Utm y:	3986561.38041		
Site id:	NV3000000002157		

AB161
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002155**

Well log:	57566	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	06/14/1976	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	TORNELL, JUAN		
Owner addr:	71 E GOMER ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/17/1976	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	250	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	0		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	126		
Temperatur:	0		
Yield:	30		
Drawdown:	20		
Hours pump:	.5		
Test metho:	B	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	5095A	Contract 1:	ALLEN WATER WELL SERVICE CO
Contract 2:	P O BOX 15149 LAS VEGAS NV 89114		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	01/03/2007
Edit statu:	F	Well start:	05/04/1976
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664997.589829		
Utm y:	3986561.38041		
Site id:	NV3000000002155		

AB162
NE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002156**

Well log:	57573	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/09/1977	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	BB
Legal quar:	NW NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	WINDHAM, H D		
Owner addr:	9727 S LAS VEGAS BLVD		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/31/1977	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	250	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	250
Csng diame:	8.62		
Csng reduc:	0	Top perf:	190
Bottom per:	250	Perf inter:	1
Static wl:	131		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	01/03/2007
Edit statu:	F	Well start:	05/22/1977
Gravel p 1:	50	Gravel p 2:	250

Utm x:	664997.589829
Utm y:	3986561.38041
Site id:	NV3000000002156

V163
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001915**

Well log:	47597	App:	Not Reported
Notice of :	9430	Waiver no:	Not Reported
Date log r:	05/17/1995	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DEY, LINDA		
Owner addr:	128 E CACTUS		
Owner no:	Not Reported		
Parcel no:	380-240-071	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/30/1995	Date cmplt:	D
Gravel pac:	Y	Depth seal:	57
Depth dril:	356	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	356
Csng diame:	6.62		
Csng reduc:	0	Top perf:	330
Bottom per:	350	Perf inter:	1
Static wl:	138		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	6294A	Contract 1:	BRINER DRILLING INC
Contract 2:	555 N PARKSON RD HENDERSON NV 89015		
Contract 3:	0		
Driller li:	1338	Source age:	NV003
User id:	DBRANTLEY	Date entry:	06/28/1995
Update use:	dsdavis	Date updat:	11/21/1996
Edit statu:	F	Well start:	03/27/1995
Gravel p 1:	57	Gravel p 2:	356
Utm x:	665421.390184		
Utm y:	3985336.36637		
Site id:	NV3000000001915		

Map ID Direction Distance Elevation	Database	EDR ID Number
V164 **East** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000001916**

Well log:	57510	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/24/1978	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	AVERA, R		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/04/1978	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	130		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	05/02/1978
Gravel p 1:	50	Gravel p 2:	300
Utm x:	665421.390184		
Utm y:	3985336.36637		
Site id:	NV3000000001916		

V165 **East** **1/2 - 1 Mile** **Lower**	**NV WELLS**	**NV3000000001913**

Well log:	28250	App:	Not Reported
Notice of :	4298	Waiver no:	Not Reported
Date log r:	12/19/1986	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	GARCIA, ALEX		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	12/03/1986	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	355	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	355
Csng diame:	8.62		
Csng reduc:	0	Top perf:	315
Bottom per:	355	Perf inter:	1
Static wl:	149		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	623		
Driller li:	623	Source age:	NV003
User id:	NAFLECKS	Date entry:	08/05/1999
Update use:	dsdavis	Date updat:	11/21/1996
Edit statu:	F	Well start:	11/28/1986
Gravel p 1:	50	Gravel p 2:	355
Utm x:	665421.390184		
Utm y:	3985336.36637		
Site id:	NV3000000001913		

V166
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001914**

Well log:	28643	App:	Not Reported
Notice of :	4917	Waiver no:	Not Reported
Date log r:	06/03/1987	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD

Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BASSET, CLINT		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/22/1987	Date cmplt:	D
Gravel pac:	N	Depth seal:	0
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	6.62		
Csng reduc:	0	Top perf:	260
Bottom per:	300	Perf inter:	1
Static wl:	197		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	F
Qual lith :	F		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	15972	Contract 1:	BRUCE ROBINSON DRILLING CO
Contract 2:	P O BOX 8307 PAHRUMP NV 89041		
Contract 3:	944		
Driller li:	944	Source age:	NV003
User id:	NAFLECKS	Date entry:	08/05/1999
Update use:	dsdavis	Date updat:	11/21/1996
Edit statu:	F	Well start:	05/21/1987
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665421.390184		
Utm y:	3985336.36637		
Site id:	NV3000000001914		

V167
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001917**

Well log:	57515	App:	47424
Notice of :	1825	Waiver no:	Not Reported
Date log r:	10/16/1984	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	P	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	35
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	BONSOR, DALE T		
Owner addr:	CACTUS & RANCHO DESTINO		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/10/1984	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	275
Bottom per:	300	Perf inter:	1
Static wl:	130		
Temperatur:	0		
Yield:	75		
Drawdown:	125		
Hours pump:	6		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	15972	Contract 1:	BRUCE ROBINSON DRILLING CO
Contract 2:	PO BOX 8307 PAHRUMP NV 89041		
Contract 3:	944		
Driller li:	944	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	dsdavis	Date updat:	12/17/1996
Edit statu:	F	Well start:	10/08/1984
Gravel p 1:	50	Gravel p 2:	300
Utm x:	665421.390184		
Utm y:	3985336.36637		
Site id:	NV3000000001917		

V168
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001920**

Well log:	57552	App:	Not Reported
Notice of :	709	Waiver no:	Not Reported
Date log r:	06/27/1983	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	OSTERMAN, THOMAS & BARBARA		
Owner addr:	10345 GILLESPIE ST		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/11/1982	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	6.621		
Csng reduc:	0	Top perf:	260
Bottom per:	300	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	16696	Contract 1:	VALLEY DRILLING
Contract 2:	4375 N TIOGA LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	1349	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	11/09/1982
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665421.390184		
Utm y:	3985336.36637		
Site id:	NV3000000001920		

V169
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001921**

Well log:	94069	App:	Not Reported
Notice of :	26641	Waiver no:	R-1261
Date log r:	09/30/2004	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	KAMIN, JOHN V		
Owner addr:	GILES ST & CACTUS		
Owner no:	Not Reported		
Parcel no:	177-28-401-010	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	09/23/2004	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	62	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	62
Csng diame:	8.62		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	10/25/2004
Update use:	Not Reported	Date updat:	01/06/2005
Edit statu:	F	Well start:	09/23/2004
Gravel p 1:	0	Gravel p 2:	0

Utm x:	665421.390184
Utm y:	3985336.36637
Site id:	NV3000000001921

V170
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001918**

Well log:	57526	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/20/1956	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	EMMS, KATHRYN		
Owner addr:	132 MAIN ST		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/19/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	180	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	180
Csng diame:	8		
Csng reduc:	0	Top perf:	70
Bottom per:	180	Perf inter:	1
Static wl:	143		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	10/13/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665421.390184		
Utm y:	3985336.36637		
Site id:	NV3000000001918		

Map ID Direction Distance Elevation		Database	EDR ID Number
V171 **East** **1/2 - 1 Mile** **Lower**		**NV WELLS**	**NV3000000001919**

Well log:	57547	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/31/1978	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CD
Legal quar:	SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MEYER, DAVID		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/25/1976	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	145		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	3768	Contract 1:	EFFINGER DRILLING & PUMP SVC
Contract 2:	P O BOX 579 LAS VEGAS NV		
Contract 3:	0		
Driller li:	212	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	08/08/1976
Gravel p 1:	50	Gravel p 2:	295
Utm x:	665421.390184		
Utm y:	3985336.36637		
Site id:	NV3000000001919		

AC172 **East** **1/2 - 1 Mile** **Lower**		**NV WELLS**	**NV3000000001984**

Well log:	57518	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	10/26/1978	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	CAPLAH, DAVE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	10/04/1978	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	295	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	295
Csng diame:	8.62		
Csng reduc:	0	Top perf:	200
Bottom per:	295	Perf inter:	1
Static wl:	122		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10062	Contract 1:	DIMICK DRILLING
Contract 2:	5360 N BONITA VISTA ST LAS VEGAS NV 89129		
Contract 3:	0		
Driller li:	552	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	10/02/1978
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665413.845211		
Utm y:	3985736.94542		
Site id:	NV3000000001984		

AC173
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001985**

Well log:	57537	App:	Not Reported
Notice of :	811	Waiver no:	Not Reported
Date log r:	04/25/1983	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CA

Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	LAMP, RICK		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/22/1983	Date cmplt:	D
Gravel pac:	N	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	150
Bottom per:	300	Perf inter:	1
Static wl:	140		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	70	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	dsdavis	Date updat:	11/21/1996
Edit statu:	F	Well start:	03/08/1983
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665413.845211		
Utm y:	3985736.94542		
Site id:	NV3000000001985		

AC174
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001982**

Well log:	37741	App:	Not Reported
Notice of :	3313	Waiver no:	Not Reported
Date log r:	04/02/1992	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	A
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	DAY, ROBERT		
Owner addr:	PYLE & GILES		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/20/1992	Date cmplt:	D
Gravel pac:	N	Depth seal:	55
Depth dril:	400	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	400
Csng diame:	6.62		
Csng reduc:	0	Top perf:	200
Bottom per:	400	Perf inter:	1
Static wl:	146		
Temperatur:	0		
Yield:	25		
Drawdown:	0		
Hours pump:	2		
Test metho:	A	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1661	Source age:	NV003
User id:	KLOHAIR	Date entry:	05/18/2000
Update use:	dsdavis	Date updat:	11/21/1996
Edit statu:	F	Well start:	03/17/1992
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665413.845211		
Utm y:	3985736.94542		
Site id:	NV3000000001982		

AC175
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001983**

Well log:	57509	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/31/1955	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	ASKINS, MONROE P		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/30/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	180	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	180
Csng diame:	8		
Csng reduc:	0	Top perf:	120
Bottom per:	180	Perf inter:	1
Static wl:	95		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	192	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	08/23/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665413.845211		
Utm y:	3985736.94542		
Site id:	NV3000000001983		

AC176
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001988**

Well log:	57559	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/21/1979	Date log 1:	D
Site type:	E	Work type:	D
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	SEALS, JAMES		
Owner addr:	213 CATALINI ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	12/28/1978	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	1	Top perf:	180
Bottom per:	300	Perf inter:	1
Static wl:	125		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	2065	Contract 1:	S R MCKINNEY & SONS INC
Contract 2:	2151 MCCARREN N LAS VEGAS NV 89030		
Contract 3:	0		
Driller li:	45	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	12/21/1978
Gravel p 1:	0	Gravel p 2:	0

Utm x:	665413.845211
Utm y:	3985736.94542
Site id:	NV3000000001988

AC177
East
1/2 - 1 Mile
Lower

NV WELLS **NV3000000001989**

Well log:	57560	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	05/24/1978	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	THOMPSON, JOHN		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/02/1978	Date cmplt:	D
Gravel pac:	Y	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	240
Bottom per:	300	Perf inter:	1
Static wl:	118		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	10831	Contract 1:	DESERT DRILLING
Contract 2:	4547 N RANCHO LAS VEGAS NV 89108		
Contract 3:	0		
Driller li:	623	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	04/26/1978
Gravel p 1:	50	Gravel p 2:	300
Utm x:	665413.845211		
Utm y:	3985736.94542		
Site id:	NV3000000001989		

Map ID Direction Distance Elevation		Database	EDR ID Number
AC178 **East** **1/2 - 1 Mile** **Lower**		**NV WELLS**	**NV3000000001986**

Well log:	57539	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	04/25/1983	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	LAURITA, MILDRED E		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/26/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	190	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	190
Csng diame:	8		
Csng reduc:	0	Top perf:	120
Bottom per:	190	Perf inter:	2
Static wl:	90		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	192	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/21/1996
Update use:	Not Reported	Date updat:	11/21/1996
Edit statu:	F	Well start:	04/21/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665413.845211		
Utm y:	3985736.94542		
Site id:	NV3000000001986		

AC179 **East** **1/2 - 1 Mile** **Lower**		**NV WELLS**	**NV3000000001987**

Well log:	57548	App:	Not Reported
Notice of :	330	Waiver no:	Not Reported
Date log r:	08/25/1983	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CA
Legal quar:	NE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	G		
Owner curr:	MUNSELL, GREG		
Owner addr:	101 S 3RD ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	05/19/1983	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	300	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8.62		
Csng reduc:	0	Top perf:	140
Bottom per:	300	Perf inter:	1
Static wl:	134		
Temperatur:	0		
Yield:	30		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	2065	Contract 1:	S R MCKINNEY & SONS INC
Contract 2:	2151 MCCARREN N LAS VEGAS NV 89030		
Contract 3:	0		
Driller li:	45	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	05/03/1983
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665413.845211		
Utm y:	3985736.94542		
Site id:	NV3000000001987		

AD180
NNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002227**

Well log:	98245	App:	Not Reported
Notice of :	28391	Waiver no:	Not Reported
Date log r:	12/19/2005	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CC

Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	CLARK COUNTY		
Owner addr:	3197 W RICHMAR AVE		
Owner no:	Not Reported		
Parcel no:	177-20-403-003	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/04/2005	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	279	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	279
Csng diame:	8		
Csng reduc:	0	Top perf:	0
Bottom per:	0	Perf inter:	0
Static wl:	190		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	PLUGGING OF LOG 57335		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4015 W TOMPKINS AVE LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	01/19/2006
Update use:	Not Reported	Date updat:	04/26/2006
Edit statu:	F	Well start:	11/01/2005
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663387.805591		
Utm y:	3986931.99118		
Site id:	NV3000000002227		

AD181
NNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002226**

Well log:	98244	App:	Not Reported
Notice of :	28390	Waiver no:	Not Reported
Date log r:	12/19/2005	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CC
Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	CLARK COUNTY		
Owner addr:	3045 W RICHMAR AVE		
Owner no:	Not Reported		
Parcel no:	177-20-403-002	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/04/2005	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	300	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	300
Csng diame:	8		
Csng reduc:	0	Top perf:	140
Bottom per:	300	Perf inter:	1
Static wl:	190		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	PLUGGING OF LOG 27228		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4015 W TOMPKINS AVE LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	01/19/2006
Update use:	DBRANTLEY	Date updat:	04/26/2006
Edit statu:	F	Well start:	11/01/2005
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663387.805591		
Utm y:	3986931.99118		
Site id:	NV3000000002226		

AD182
NNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002225**

Well log:	57221	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/31/1973	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	Z	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CC
Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	ARDIZZONE, STEPHEN		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	03/12/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	150	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	150
Csng diame:	8		
Csng reduc:	0	Top perf:	110
Bottom per:	140	Perf inter:	1
Static wl:	118		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G

Qual lith :	G		
Remarks:	PROP USE=UNKNOWN		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	134	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/15/1996
Update use:	dsdavis	Date updat:	12/17/1996
Edit statu:	F	Well start:	03/04/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663387.805591		
Utm y:	3986931.99118		
Site id:	NV3000000002225		

AD183
NNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002230**

Well log:	99249	App:	51213
Notice of :	28423	Waiver no:	Not Reported
Date log r:	05/12/2006	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	P	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CC
Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	FETT, THOMAS M		
Owner addr:	9624 SULTANA ST		
Owner no:	Not Reported		
Parcel no:	177-20-403-008	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/14/2006	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	374	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	8.62		
Csng reduc:	0	Top perf:	50
Bottom per:	350	Perf inter:	1
Static wl:	205		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	PLUGGING OF LOG 27230		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4015 W TOMPKINS AVE LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	2267	Source age:	NV003
User id:	SGARDELLA	Date entry:	06/07/2006
Update use:	SGARDELLA	Date updat:	06/07/2006
Edit statu:	F	Well start:	03/13/2006
Gravel p 1:	0	Gravel p 2:	0

Utm x:	663387.805591
Utm y:	3986931.99118
Site id:	NV3000000002230

AD184
NNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002229**

Well log:	99248	App:	Not Reported
Notice of :	28424	Waiver no:	Not Reported
Date log r:	05/12/2006	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CC
Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	CLARK COUNTY PUBLIC WORKS		
Owner addr:	9660 SULTANA ST		
Owner no:	Not Reported		
Parcel no:	177-20-403-010	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/14/2006	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	276	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	8.62		
Csng reduc:	0	Top perf:	50
Bottom per:	250	Perf inter:	1
Static wl:	170		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	PLUGGING OF LOG 57300		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4015 W TOMPKINS AVE LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	2267	Source age:	NV003
User id:	SGARDELLA	Date entry:	06/07/2006
Update use:	SGARDELLA	Date updat:	06/07/2006
Edit statu:	F	Well start:	03/13/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663387.805591		
Utm y:	3986931.99118		
Site id:	NV3000000002229		

Map ID Direction Distance Elevation		Database	EDR ID Number
AD185 **NNW** **1/2 - 1 Mile** **Higher**		**NV WELLS**	**NV3000000002228**

Well log:	99247	App:	Not Reported
Notice of :	30040	Waiver no:	Not Reported
Date log r:	05/12/2006	Date log 1:	D
Site type:	E	Work type:	P
Work type :	Not Reported		
Proposed u:	H	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CC
Legal quar:	SW SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	Not Reported
Lat long a:	M		
Owner curr:	HERDA, MARGARET & JOHN TRUST		
Owner addr:	9670 SULTANA		
Owner no:	Not Reported		
Parcel no:	177-20-403-011	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	04/14/2006	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	0
Depth dril:	236	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	0
Csng diame:	6		
Csng reduc:	0	Top perf:	50
Bottom per:	175	Perf inter:	1
Static wl:	176		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4015 W TOMPKINS AVE LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	2267	Source age:	NV003
User id:	SGARDELLA	Date entry:	06/07/2006
Update use:	Not Reported	Date updat:	06/20/2006
Edit statu:	F	Well start:	03/13/2006
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663387.805591		
Utm y:	3986931.99118		
Site id:	NV3000000002228		

186 **ENE** **1/2 - 1 Mile** **Lower**		**NV WELLS**	**NV3000000002077**

Well log:	57571	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	09/06/1955	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	B
Legal quar:	NW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	WESTERDAHL, ELLEN		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	08/12/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	153	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	153
Csng diame:	8		
Csng reduc:	0	Top perf:	100
Bottom per:	153	Perf inter:	1
Static wl:	87		
Temperatur:	0		
Yield:	15		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	205	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	Not Reported	Date updat:	01/03/2007
Edit statu:	F	Well start:	08/01/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665201.939836		
Utm y:	3986349.45032		
Site id:	NV3000000002077		

187
North
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002284**

Well log:	57322	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/08/1955	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	CDB

Legal quar:	NW SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	OLOUGHLIN, HARRY R		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/06/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	171	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	171
Csng diame:	8.62		
Csng reduc:	0	Top perf:	130
Bottom per:	170	Perf inter:	1
Static wl:	130		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	40	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/19/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	06/30/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	663686.504364		
Utm y:	3987030.02921		
Site id:	NV3000000002284		

AE188
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002004**

Well log:	70450	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/13/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	1		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/12/1997
Gravel p 1:	0	Gravel p 2:	29
Utm x:	662405.206581		
Utm y:	3985896.55946		
Site id:	NV3000000002004		

AE189
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002005**

Well log:	70451	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/13/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	1		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/12/1997
Gravel p 1:	0	Gravel p 2:	29
Utm x:	662405.206581		
Utm y:	3985896.55946		
Site id:	NV3000000002005		

AE190
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002003**

Well log:	70449	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/17/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	3		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/17/1997
Gravel p 1:	0	Gravel p 2:	29

Utm x:	662405.206581
Utm y:	3985896.55946
Site id:	NV3000000002003

AE191
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002001**

Well log:	70447	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/17/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	0		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/17/1997
Gravel p 1:	0	Gravel p 2:	29
Utm x:	662405.206581		
Utm y:	3985896.55946		
Site id:	NV3000000002001		

Map ID Direction Distance Elevation	Database	EDR ID Number
AE192 **WNW** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000002002**

Well log:	70448	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/17/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	1		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/17/1997
Gravel p 1:	0	Gravel p 2:	29
Utm x:	662405.206581		
Utm y:	3985896.55946		
Site id:	NV3000000002002		

AE193 **WNW** **1/2 - 1 Mile** **Higher**	**NV WELLS**	**NV3000000002006**

Well log:	70452	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/13/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	1		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/12/1997
Gravel p 1:	0	Gravel p 2:	29
Utm x:	662405.206581		
Utm y:	3985896.55946		
Site id:	NV3000000002006		

AE194
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002010**

Well log:	70456	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported

Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/11/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	1		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/11/1997
Gravel p 1:	0	Gravel p 2:	29
Utm x:	662405.206581		
Utm y:	3985896.55946		
Site id:	NV3000000002010		

AE195
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002011**

Well log:	70457	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	H
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/11/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0

Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	1		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/11/1997
Gravel p 1:	0	Gravel p 2:	29
Utm x:	662405.206581		
Utm y:	3985896.55946		
Site id:	NV3000000002011		

AE196
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002009**

Well log:	70455	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/13/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	1		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G

Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/12/1997
Gravel p 1:	0	Gravel p 2:	29
Utm x:	662405.206581		
Utm y:	3985896.55946		
Site id:	NV3000000002009		

AE197
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002007**

Well log:	70453	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/13/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	1		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/12/1997
Gravel p 1:	0	Gravel p 2:	29

Utm x:	662405.206581
Utm y:	3985896.55946
Site id:	NV3000000002007

AE198
WNW
1/2 - 1 Mile
Higher

NV WELLS **NV3000000002008**

Well log:	70454	App:	Not Reported
Notice of :	16497	Waiver no:	DW-1074
Date log r:	02/09/1998	Date log 1:	D
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	D	Drilling m:	U
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	30	Sec quarte:	Not Reported
Legal quar:	Not Reported	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	M		
Owner curr:	CITY OF NORTH LAS VEGAS		
Owner addr:	CHEYENNE & OWENS		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	11/13/1997	Date cmplt:	D
Gravel pac:	Y	Depth seal:	0
Depth dril:	29	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	29
Csng diame:	14		
Csng reduc:	0	Top perf:	20
Bottom per:	29	Perf inter:	1
Static wl:	1		
Temperatur:	0		
Yield:	0		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	18917	Contract 1:	ALLEN DRILLING INC
Contract 2:	4847 S VALLEY VIEW LAS VEGAS NV 89103		
Contract 3:	0		
Driller li:	1301	Source age:	NV003
User id:	DBRANTLEY	Date entry:	02/23/1998
Update use:	Not Reported	Date updat:	04/27/1998
Edit statu:	F	Well start:	11/12/1997
Gravel p 1:	0	Gravel p 2:	29
Utm x:	662405.206581		
Utm y:	3985896.55946		
Site id:	NV3000000002008		

Map ID Direction Distance Elevation		Database	EDR ID Number
199 **East** **1/2 - 1 Mile** **Lower**		**NV WELLS**	**NV3000000001887**

Well log:	57543	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	07/22/1955	Date log 1:	M
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	28	Sec quarte:	CDDB
Legal quar:	NW SE SE SW	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	F		
Owner curr:	MAHONEY, THOMAS F		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	07/22/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	180	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	180
Csng diame:	8		
Csng reduc:	0	Top perf:	120
Bottom per:	180	Perf inter:	1
Static wl:	100		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	Not Reported	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	192	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/22/1996
Update use:	dsdavis	Date updat:	12/17/1996
Edit statu:	F	Well start:	07/14/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	665472.050641		
Utm y:	3985306.49596		
Site id:	NV3000000001887		

200 **NE** **1/2 - 1 Mile** **Lower**		**FED USGS**	**USGS3100183**

Agency cd:	USGS	Site no:	360048115101401
Site name:	212 S22 E61 28BBB 1		
Latitude:	360048	EDR Site id:	USGS3100183
Longitude:	1151014	Dec lat:	36.01330732
Dec lon:	-115.17138452	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	32
State:	32	County:	003
Country:	US	Land net:	NWNWNWS28 T22S R61E M
Location map:	LAS VEGAS SW, NV	Map scale:	24000
Altitude:	2244.48		
Altitude method:	Level or other surveying method		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Las Vegas Wash. Nevada. Area = 1860 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	200.	Hole depth:	200.
Source of depth data:	Not Reported		
Project number:	LVHD		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1955-02-08	Ground water data end date:	1956-02-14
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-02-14	91.40		1955-10-03	92.02	
1955-02-08	90.48				

AF201
NNE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002242**

Well log:	57296	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	03/21/1955	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	DD

Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	BRUNER, KATHERYN		
Owner addr:	1320 S D ST LAS VEGAS NV		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/24/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	59
Depth dril:	160	Depth bedr:	0
Aquifer de:	Not Reported	Depth case:	160
Csng diame:	8		
Csng reduc:	0	Top perf:	75
Bottom per:	160	Perf inter:	1
Static wl:	95		
Temperatur:	0		
Yield:	25		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	137	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/19/1996
Update use:	Not Reported	Date updat:	07/08/1998
Edit statu:	F	Well start:	01/18/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664589.49678		
Utm y:	3986954.44023		
Site id:	NV3000000002242		

AF202
NNE
1/2 - 1 Mile
Lower

NV WELLS **NV3000000002243**

Well log:	57323	App:	Not Reported
Notice of :	0	Waiver no:	Not Reported
Date log r:	08/08/1955	Date log 1:	Not Reported
Site type:	N	Work type:	N
Work type :	Not Reported		
Proposed u:	H	Drilling m:	C
Sc:	32003	Ha:	212
Twn:	S22	Legal twn:	22S
Rng:	E61	Legal rng:	61E
Sec:	20	Sec quarte:	DD
Legal quar:	SE SE	Quarters s:	Not Reported
Ref:	MD	Latitude:	36
Longitude:	115	Lat long s:	NV003
Lat long a:	T		
Owner curr:	PERKISS, BEATRICE		
Owner addr:	Not Reported		
Owner no:	Not Reported		
Parcel no:	Not Reported	Subdivisio:	Not Reported
Lot no:	Not Reported	Block no:	Not Reported
Well finis:	01/17/1955	Date cmplt:	D
Gravel pac:	Not Reported	Depth seal:	50
Depth dril:	180	Depth bedr:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer de:	Not Reported	Depth case:	180
Csng diame:	8		
Csng reduc:	1	Top perf:	120
Bottom per:	180	Perf inter:	1
Static wl:	110		
Temperatur:	0		
Yield:	20		
Drawdown:	0		
Hours pump:	0		
Test metho:	B	Qual const:	G
Qual lith :	G		
Remarks:	Not Reported		
Remarks ad:	Not Reported		
Contractor:	Not Reported	Contract 1:	Not Reported
Contract 2:	Not Reported		
Contract 3:	0		
Driller li:	45	Source age:	NV003
User id:	DBRANTLEY	Date entry:	11/19/1996
Update use:	Not Reported	Date updat:	12/17/1996
Edit statu:	F	Well start:	01/09/1955
Gravel p 1:	0	Gravel p 2:	0
Utm x:	664589.49678		
Utm y:	3986954.44023		
Site id:	NV3000000002243		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CLARK 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 CLARK COUNTY, NV

Number of sites tested: 176

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.028 pCi/L	96%	4%	0%
Living Area - 2nd Floor	0.900 pCi/L	100%	0%	0%
Basement	1.425 pCi/L	100%	0%	0%

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.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

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 Services
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 Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.

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

Nevada Well Log Database
Source: Nevada Division of Water Resources
Telephone: 775-687-4380

OTHER STATE DATABASE INFORMATION

RADON

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.

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

STREET AND ADDRESS INFORMATION

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