# Phase I Environmental Site Assessment Report

Stateline Hotel 617 Main Street Carlin, Elko, Nevada

> October 10, 2013 Prepared For:

City of Carlin P.O. Box 787 Carlin, Nevada 89822

Converse Project No. 08-73103-01-04



# **Converse Consultants**

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

October 10, 2013

Mr. Glenn Trust City Manager City of Carlin 101 So. 8th Street P.O. Box 787 Carlin, Nevada 89822

Subject: PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Stateline Hotel 617 Main Street

Carlin, Elko County, Nevada

Converse Project No. 08-73103-01-04

Dear Mr. Trust:

Converse Consultants is pleased to submit the attached report that summarizes the activities and the results of a Phase I Environmental Site Assessment that was conducted at the above referenced property (Property).

A summary of the assessment is presented in the Executive Summary as well as in Sections 7, 8, 9 and 11 of the report. One Recognized Environmental Condition was identified during this assessment.

We appreciate the opportunity to be of service. Should you have any questions or comments regarding this report, please contact Kathi Brandmueller at (775) 753-6266.

CONVERSE CONSULTANTS

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# **Executive Summary**

The following is an Executive Summary of the Phase I Environmental Site Assessment (Phase I ESA) that was conducted by Converse Consultants (Converse). Please refer to the appropriate sections of the report for a complete discussion of these issues. In the event of a conflict between this Executive Summary and the report, or an omission in the Executive Summary, the report shall take precedence.

This report presents the results of the Converse Phase I ESA performed at the commercial property located at 617 Main Street, Carlin, Elko County, Nevada, referred to as the "Property" in this report. Converse was retained by the City of Carlin to conduct this Phase I ESA. Our study has been conducted in order to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Property.

Converse has compiled and reviewed information that was obtained from interviews, document research, and on-site and area reconnaissance to identify potential environmental conditions at the Property in conformance with the ASTM Standard E: 1527-05 Environmental Site Assessment Standard Practice (ASTM Standard: E1527-05). This Phase I ESA was conducted during the period of February 1, 2012 to October 10, 2013.

The Property is located at 617 Main Street, Carlin, Elko County, Nevada. The Elko County Assessor's Parcel Number (APN) for the Property is: 002-183-011.

- The site is currently developed with a vacant, dilapidated hotel. The Property is approximately 7,500 square feet in size and located at 617 Main Street, Carlin, Elko County, Nevada. The two-story building covers the entire foot print of the Property and has a full basement.
- In 1885, the Property was original developed with multiple businesses that included a restaurant, society hall, dwelling, and a general merchandise store with a warehouse. There were some minor reconfigurations of the Property between 1885 and 1938, at which time it was redeveloped with the existing structure. Since its redevelopment, the Property has been operated as a restaurant/gambling hall/hotel until it was closed down approximately 10 years ago.
- The historic Union Pacific Rail Road Yard ("Yard") is located adjacent to and upgradient of the Property. Based on its proximity to the Property, Converse reviewed files located at the Nevada Division of Environmental Protection (NDEP) for this facility. In 1983, diesel fuel was discovered on groundwater in the area of the Yard. Several homes, down-gradient of the yard on Main Street between 4<sup>th</sup> and 5<sup>th</sup> Streets, were impacted with oil seeping into their basements. Union Pacific was placed under an order by NDEP to remediate the site. In 1990,

12 underground storage tanks (USTs) were removed from the Yard. The tanks contained gasoline, kerosene, and diesel. Groundwater remediation was conducted at the site from 1983 to 2007, at which time, the site received closure from the NDEP. Groundwater was monitored for free product, total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and xylenes (BTEX). Possible solvent contamination, metal contamination, and vapor intrusion were not considered as part of the closure. There were shop facilities located in the Yard. Contamination from solvents and metals are often associated with these types of facilities and the Yard has not been investigated for these types of contaminants. Also, vapor intrusion was not evaluated for site closure. Therefore, the close proximity and the up-gradient location of the Historic Rail Road Yard is considered a REC for the Property.

- Since the original development of the Property was before 1885, septic systems and underground heating oil tanks could have been located on the Property. However, when the Property was redeveloped in 1938, a full basement was excavated that covered the entire Property and these potential sources of contamination would have been encountered and removed. Therefore, we consider this to be a concern, not a REC.
- The existing building was constructed at a time when heating oil may have been used as a source of fuel for the building, which could have been stored in a UST. However, based on interviews and observations, the building was heated with coal. Additionally, there was no evidence to suggest there was ever a UST located on the Property. Therefore, we do not consider this a REC.
- There are three State Hazardous Waste Sites (SHWS) listed within one mile of the Property in the regulatory databases that were reviewed. Two of the SHWS were remediated diesel spills which impacted only the soil. These sites have received regulatory closure. Based on regulatory closure and the type of incident, these sites are not considered RECs for the Property.
- One SHWS, the Halladay Residence on 413 Main Street, is approximately 600 feet west and down-gradient of the Property. This case was closed by NDEP on December 31, 2003. Due to case closure and the down-gradient location of the site, this site is not considered a REC for the Property.
- There is one UST site identified as being adjacent to the Property. This site is part of the historic Union Pacific Rail Road Yard and is discussed above.
- The age of the building is as such that there may be asbestos building materials and/or lead-based paint present in the structure. While the presence of these materials is not considered a REC. Converse recommends that the building be evaluated based on its damaged and dilapidated condition.

Based on the findings of this assessment, it is recommended that a Phase II ESA be conducted to assess if the Property has been impacted by historical operations at the Union Pacific Rail Road Yard. In addition, Converse recommends a comprehensive Asbestos/Lead-Based Survey be conducted at the Property.

No significant data gaps were identified that affect the ability of the Environmental Professional (EP) to identify RECs other than the fact that a completed Property Owner Questionnaire was not received, there were historical data failures because the oldest historic information identified (an 1895 Sanborn Map) indicated the Property was developed, and there was no historical information for the Property between 1952 and 1982. The significance of the data gaps is deemed to be low based on known history from the historical records that were reviewed.

There are no unusual circumstances where greater certainty is required regarding RECs.

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#### 1.0 Introduction

#### 1.1 Purpose and Scope of Services

This report presents the results of the Converse Consultants (Converse) Phase I Environmental Site Assessment (Phase I ESA) performed at the vacant hotel located at 617 Main Street, Carlin, Elko County, Nevada, referred to as the Property in this report. Converse was retained by the City of Carlin to conduct this Phase I ESA. Our study has been conducted in order to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Property. The term Recognized Environmental Conditions is defined in Section 1.1.1 of the American Society of Testing and Materials (ASTM) Standard Practice as the presence or likely presence of any hazardous substances or petroleum products on a Property under Conditions that indicate an existing release, past release, or material threat of a release... into structures on the Property or into the ground, ground water or surface water of the Property.

On January 11, 2002, Public Law 107-118 was signed. The Small Business Liability Relief and Brownfields Revitalization Act (SBLRBRA) directed the United States Environmental Protection Agency (EPA) to promulgate a rule defining due diligence for compliance with the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). This rule, which is generally referred to as All Appropriate Inquiry (AAI), was adopted on November 1, 2005. The AAI rule states that ASTM E1527-05 complies with the EPA requirements for AAI. In some cases the ASTM 1527-05 is more stringent than AAI.

This Phase I ESA was completed in accordance with our Brownfields contract with the City of Carlin. Our work consisted of the following and was completed in general conformance with the scope and limitations of the ASTM Practice E1527-05 and complies with standards and practices set forth in 40 Code of Federal Regulations (CFR) Part 312 for AAI.

- Interviews with the Property owner representatives
- Property and vicinity reconnaissance
- Review of regulatory agency records
- Description of physical setting
- Historical review
- Interviews with public agency personnel
- Preparation of this report



#### 1.2 Non-Scope Considerations

There are a number of non-scope issues which are sometimes assessed concurrently with a Phase I ESA. Unless specifically agreed in the contract proposal documents, these non-scope considerations are not included as part of the Phase I Assessment. Examples of non-scope issues include:

- Asbestos
- Lead-based Paint
- Wetlands
- Cultural & Historic Resources
- Industrial Hygiene
- Health & Safety
- High Voltage Power Lines
- Soil Stabilization
- Mold
- Vapor Intrusion

- Radon
- Lead in Drinking Water
- Regulatory Compliance
- Ecological Resources
- Endangered Species
- Indoor Air Quality
- Testing or Sampling of Materials
- Dust Permitting
- Biological Agents

Converse evaluated the Property to determine if an Asbestos/Lead Based Survey may be required at a later day.

#### 1.3 Significant Assumptions

Converse made the following assumption for this assessment:

 A number of parties such as third party venders, government agencies, and the property owner may have provided information for this investigation. The ASTM standard allows the consultant to rely on the information gathered without independent verification, unless it is obvious that certain information is incorrect. Unless noted in the report, Converse assumed the information supplied by third parties to be correct.

#### 1.4 Limitations and Exceptions

The following limitations and exceptions were encountered during the course of this assessment:

 Observations made are limited to the time during which our site visit was conducted, February 5, 2013.



- There was snow on the ground during the site visit.
- Several areas within the building were not able to be entered because of the dilapidated condition of the building and safety concerns.

#### 1.5 Special Terms and Conditions

No special terms or conditions were provided to us for the completion of this report.

#### 1.6 Reliance

This report is for the sole benefit and exclusive use of the City of Carlin in accordance with the terms and conditions of the Brownfields Contract under which these services were provided. Its preparation was in accordance with generally accepted environmental practices. No other warranty, either expressed or implied, is made. The Scope of Services associated with the report was designed solely in accordance with the objectives, schedule, budget, and risk-management preferences of the City of Carlin.

This report should not be regarded as a guarantee that no further contamination beyond that which could be detected within the scope of this assessment is present at the Property. Converse makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this assessment. It is not possible to absolutely confirm that no hazardous materials and/or substances exist at the Property. If none are identified as part of a limited scope of work, such a conclusion should not be construed as a guaranteed absence of such materials, but merely the results of the evaluation of the Property at the time of the assessment. Also, events may occur after the Property visit which may result in contamination of the Property. Additional information, not found or available to Converse at the time of report preparation, may result in a modification of the conclusions and recommendations presented. Any reliance on this report by Third Parties shall be at the Third Party's sole risk.

# 2.0 Property Description

### 2.1 Current Use of the Property

The site is currently developed with a vacant, dilapidated hotel building. The first and second stories of the existing building are currently not in use. The basement area is used as a storage facility by the owner, Richard Davis, for construction equipment, supplies, vehicle storage, etc.



A Property location map and a field generated Property plan are provided in Appendix A. Pertinent Property photographs are provided in Appendix B.

#### 2.2 Location and Legal Description

The Property is located at 617 Main Street, Carlin, Elko County, Nevada, referred to as the Property in this report.

The Elko County Assessor's Parcel Number (APN) for the Property is: 002-183-011.

The existing elevation of the site is approximately 4,904 feet above Mean Sea Level (MSN). The Property is located at latitude 40°42'44.42"N° North and longitude 116° 6'29.13"W° West.

Elko County Assessor's Office legal description is as follows:

Carlin City Lots 3,4,5 in Block C

#### 2.3 Property Characteristics

The Property is an approximately 0.172 acre parcel located south of Main Street between 6th and 7th Street. The existing building covers the entire parcel with zero set back on all sizes. The Property is located along a commercial corridor surrounded by residential properties.

#### 2.4 Description of Property Structure

The existing masonry building was developed in the 1950s. It is a two-story masonry building with a full basement. The interior of the building is in poor condition with gaps in the ceiling and roof. This has allowed the infiltration of rain and snow melt to the interior of the building. There is a full concrete basement under the building.

The Property is currently in an area serviced by the following utilities:

Electricity: NV Energy

Potable Water: City of CarlinSanitary Sewer: City of Carlin

Natural Gas: Southwest Gas Company

However, there is no water or natural gas service at the Property at this time.



# 3.0 User/Owner Provided Information & Responsibilities

#### 3.1 Requested Documents and Information

The ASTM E1527 specifies that the Property owner, key site manager and the User provide any helpful documents that may be available. In order to facilitate and document the collection of this information, Converse prepared a form entitled Owner Interview and Helpful Information. Converse requested that the User complete the form.

The following documents and information were requested from the Property owner. No information was supplied for Converse to review.

- Environmental permits or hazardous waste generator notices/reports
- Registrations for aboveground and underground storage tanks
- Septic systems, oil wells, or water wells
- Registrations for underground injection systems
- Material Safety Data Sheets; Community Right to Know Plans; Safety, Preparedness and Prevention Plans; and, Spill Protection Countermeasures and Control Plans
- Reports regarding hydrologic conditions on the Property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the Property or relating to environmental liens encumbering the Property
- Hazardous waste generator notices or reports
- Geotechnical studies
- Risk assessments
- Recorded Activity Use Limitations (AULs)
- Proceedings regarding hazardous substances and petroleum products including any pending, threatened or past litigation, administrative proceedings, or notices from any governmental entity regarding possible violations of environmental laws or other possible liability related to hazardous substances or petroleum products



#### 3.2 User Provided Information

Section 6 of ASTM E1527-05 outlines specific User's responsibilities. This information will help identify the possibility of RECs in connection with the Property. The ASTM Standard provides a questionnaire to help the User to comply with the statutory requirements to perform tasks which would help identify RECs. Converse included the questionnaire as Attachment A to our proposal. In general, any Users should make Converse aware of information they have regarding the following:

- Environmental cleanup Liens filed or recorded against the Property.
- Activity and land use limitations that are in place on the Property or have been filed or recorded in a registry.
- Specialized knowledge or experience of the person seeking to qualify for the Legal Liability Protections.
- Relationship of the purchase price to fair market value of the Property if it were not contaminated.
- Commonly known or reasonably ascertainable information about the Property.
- The degree or obviousness of the presence or likely presence of contamination at the Property, and the ability to detect this contamination by appropriate investigation.

The following information was requested from the City of Carlin and the Property owner, Users of this report:

#### 3.2.1 Environmental Cleanup Liens

The Users were not aware of any environmental cleanup liens related to the Property and did not supply any title records.

#### 3.2.2 Activity and Use Limitations

The Users were not aware of any AULs related to the Property.

#### 3.2.3 Specialized Knowledge or Experience

The Users had no specialized knowledge or experience related to the Property or nearby property.



#### 3.2.4 Reason for Significantly Lower Purchase Price

The Users did not supply any information indicating the value of the Property was not fair market.

#### 3.2.5 Commonly Known or Reasonably Ascertainable Information

The Users provided no information about specific chemicals at the Property, past spills, environmental cleanup or other reasonably ascertainable information regarding the Property.

#### 3.2.6 Obviousness of Contamination

The Users did not provide any information, based on their knowledge or experience, which would be obvious indicators of contamination on the Property.

Unless specifically stated otherwise in the Scope of Services, the purpose of this Phase I ESA was to qualify for the landowner liability protections to CERCLA Liability as described in ASTM E1527-05.

Business risk unrelated to the CERCLA innocent landowners defense are only assessed as specifically agreed in the Scope of Services and discussed in Section 11.0, Additional Non-Scope Services, of this report.

#### 3.3 Continuing Obligations

In order to exert a Legal Liability Protections, the User must satisfy a number of statutory requirements that are generally referred to as Continuing Obligations, which are outside the Scope of Services of the Phase I ESA. Examples of Continuing Obligations include providing legally required notices stopping continuing releases and complying with land use restrictions. Failure to comply with these and other statutory post-acquisition requirements will jeopardize liability protection.

It is the responsibility of the User to comply with the Continuing Obligations requirements of ASTM E1527-05 and AAI.

#### 4.0 Records Review

#### 4.1 Physical Setting

#### 4.1.1 Physical Setting

The USGS 7½ Minute Quadrangle, East Carlin Quad, dated 1967 (Photo Revised 1982), was reviewed for this report. The elevation of the Property is approximately 4,904 feet above mean sea level. The Humboldt River is located approximately 1 mile south of the Property.

#### 4.1.2 Geology

According to the Geologic Map of Elko County, Nevada, Nevada Bureau of Mines and Geology, the Property is located on Quaternary alluvium deposits which consist of silt, sand, and gravel. These deposits also include alluvial fan deposits. According to the U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS), the Property is located in an area of silty loam with a moderate infiltration rate.

#### 4.1.3 Groundwater

For this report, Converse researched the remediation that was conducted on the adjacent railroad property. Based on review of these records, groundwater at the site is estimated to occur between 5 to 15 feet below ground surface. The gradient was measured to the south/southwest.

#### 4.2 Historical Review

#### 4.2.1 Aerial Photograph and Map Review

Available historical aerial photographs and topographic maps, as described in Table 1, were reviewed.

Table 1 - Aerial Photograph and Map Review

Date	Reference	Observations
1885	Sanborn Map, Volume 1, Sheet 1, EDR Scale: 1"=150'	The Property has been developed with a restaurant, society hall, dwelling and general merchandise store with a warehouse. There is a well on the southwest corner of the Property. The adjacent parcel to the east was developed with a dwelling and restaurant. The parcel to the west was developed as a saloon, billiards, and lodging. The parcel to the south, across the alley, was developed as a corral, warehouse, icehouse and buggy house. To the north of the Property, the Central Pacific Railroad had developed a railroad maintenance yard complete with Round House, repair shop, machine shop, forge shop, several lines of railroad tracks and spurs, and several smaller buildings. There is also a railroad passenger depot with platform and ice house along Main Street west of the Property. There is a well on the adjacent parcel to the east.
1890	Sanborn Map, Volume 1, Sheet 1, EDR Scale: 1"=150'	The Property is unchanged with the exception of the restaurant building has been reconfigured and converted to a billiard parcel, the store is vacant and a cellar has been constructed on the south side of the Property. The Yard has expanded. This expansion has included an oil house and additional repair shops. The other surrounding parcels remain relatively unchanged.
1897	Sanborn Map, Volume 1, Sheet 1, EDR Scale: 1"=150'	The billiard parlor and cellar were removed from the Property. The Yard has some minor reconfiguration. To the south of the Property, the corral and warehouse were removed and two small stables constructed. The surrounding area appears generally the same with the exception of minor reconfiguration.
1927	Sanborn Map, Volume 1, Sheet 2, EDR, Scale: 1"=150'	A grocery store has moved into the vacant general merchandise store. The original dwelling has been removed and a dry goods store and dwelling have been built on the Property. The well originally identified on the 1885 map is no longer on the Property. The adjacent parcel to the east is now a soft drink and pool hall. The remainder of the area around the Property had been reconfigured but nothing that is considered environmentally significant.
1943	Sanborn Map, EDR, Scale: 1"=150'	With the exception of the market being converted to a restaurant, the Property has not changed. The area around the Property has had some reconfiguration, but nothing that is considered environmentally significant.

Table 1 – Aerial Photograph and Map Review

Date	Reference	Observations
1050	Sanborn Map, EDR, Scale: 1"=150'	The Property has been redeveloped with the present day building which is marked as the States Hotel which contains a hotel, casino, and restaurant. The building covers the entire Property foot print. The area around the Property has been reconfigured, but nothing that is considered environmentally significant.
1952	15 Minute Topographic Maps, Scale: 1:62,500	There are two main railroads through the City of Carlin, the Western Pacific Railroad, traversing through to the south of Carlin, and the Southern Pacific Railroad, which traverses through the City of Carlin. There is an airfield to the northeast of the city and a sewage disposal plant to the south.
1982	Aerial Photograph Panel 40116- F1, EDR, Scale: 1"=750'	The Property is still developed as depicted in the 1952 Sanborn Map. The surrounding area is developed with both residential and commercial size structures. The Yard appears to have removed many of the structures depicted on the Sanborn Maps by this time.
1985	Carlin East 7.5 Minute Topographic Maps Scale: 1:24,000	The City of Carlin is depicted as well as the major streets through the city, but only a few individual structures are shown. The turntable on the railroad
1988	Battle Mountain 30 Minute Topographic Maps Scale: 1:100,000	right-of-way is shown on the map, but not the round house.
1994 1999	Aerial Photographs Panel 40116- F1, EDR, Scale: 1"=500'  Aerial Photographs Panel 40116- F1, EDR,	The Property and the parcels surrounding the Property have not significantly changed from the 1982 aerial photo described above. The surrounding area appears generally the same with the exception of minor reconfiguration.
2006	Aerial Photographs Panel 40116- F1, EDR, Scale: 1"=500'	The Property is unchanged. No significant changes are noted for the surrounding dwellings and commercial properties. There are a few small structures scattered along the Yard just north of the Property. A large building still exists on the western half of the maintenance yard area and trailers along 4 <sup>th</sup> Street.

#### 4.2.2 Historic Phonebooks

Converse reviewed the historic phone books supplied by EDR. No listings were identified for the Property.

#### 4.2.3 Data Failure

The 1885 Sanborn Map identified the Property as being developed. There was no earlier historical information identified. There was no historical information between the 1952 Sanborn Map and the 1982 aerial photo available for review. Therefore, there is a historical data failure.

#### 4.2.4 Summary of Historical Property Use

In 1885, the Property was originally developed as multiple businesses with a restaurant, society hall, dwelling, and general merchandise store with a warehouse. There were some minor reconfigurations in the Property between 1885 and 1938 (none that were deemed to be environmentally significant), at which time it was redeveloped with the existing structure. Since that time, the Property has been operated as a restaurant/gambling hall/hotel until it was closed down approximately 30 years ago.

#### 4.2.5 Summary of Past Uses of Adjoining and Surrounding Properties

The Property is located in an area that was primarily used for railroad activities until the late 1950s, at which time commercial and residential development started. The general area north of the Property was developed as a railroad depot in 1868. By 1884, a roundhouse, machine shop, four stores, one hotel, two saloons, two restaurants, two blacksmith shops, a telegraph office, an express office, and a jail were developed in the area.

#### 4.3 Results of Environmental Records Sources Review

An Environmental Data Resources (EDR) report of Standard Environmental Record Sources (Records) was prepared specifically for the Property. EDR regularly updates its database pursuant to American Society of Testing and Materials (ASTM) Standard E1527-05 and makes available the information via the Internet. A copy of the EDR Radius Map Report is presented in Appendix C. In some of the following subsections, the words up gradient, cross gradient, and down gradient refer to the presumed groundwater flow direction in relation to the Property. These determinations are based subjectively on regional hydro geologic information, topographic maps, and local site conditions. The search included queries to the following databases for cases within the specified search distance of the Property:

Database	Search Radius	Number of Sites	Regulatory Database Description	
NPL and Proposed NPL	1.0 Miles	0	The National Priorities List (NPL) of Uncontrolled Hazardous Waste Sites is the U. S. Environmental Protection Agency's (EPA's) list of sites that have been identified for priority remedial actions under the Superfund Program. In order for a site to be included on the NPL, it must either meet or surpass a predetermined hazard ranking system score, be chosen as a State's top-priority site, or meet all three of the following criteria: (1) the U.S. Department of Health and Human Services issues a health advisory recommending that people be removed from the site to avoid exposure; (2) the EPA determines that the site represents a significant threat; and (3) the EPA determines that the remedial action is more cost-effective than removal action.	
CERCLIS	0.5 Miles	0	The EPA Federal Superfund Comprehensive Environmental Responsibility, Compensation and Liability Act (CERCLA) was authorized to finance the cleanup of abandoned and uncontrolled hazardous waste sites.	
CERCLIS NFRAP	0.25 Miles	0	CERCLIS sites that were designated "No Furth Remedial Action Planned" were deleted from a CERCLIS list in February 1995. These may be simple where, following an initial investigation, contamination was found, or contamination was removed quickly without warranting inclusion on NPL, or the contamination was not serious enough require NPL consideration.	
CORRACTS	1.0 Miles	0	The EPA maintains a database of RCRA facilia associated with treatment, storage, and disposal (Tof hazardous materials that are undergoing "correct action." A "corrective action" order is issued withere has been a release of hazardous waste constituents into the environmental from a RC facility.	
RCRIS TSD	0.5 Miles	0	The RCRIS TSD database is a compilation by the EPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the CORRACTS database, the RCRIS TSD database does not include RCRA facilities where corrective action is required.	

Database	Search Radius	Number of Sites	Regulatory Database Description
RCRA Generators	Property or Adjoining Property	0	The Resource Conservation and Recovery Act (RCRA) database identifies facilities registered with the EPA a hazardous waste generator. Generators are listed as large (LQG), small (SQG) or conditionally exempt (CESQG). Large quantity generators (LQG) produce at least 1000 kilograms (kg)/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. Small quantity generators (SQG) produce 100-1000 kg/month of non-acutely hazardous waste. Conditionally exempt generators (CEG) are those that generate less than 100 kg/month of non-acutely hazardous waste. "Non-regulated" indicates that the facility filed a notification and/or a permit application, but claims not to generate, transport, treat, store, or dispose of hazardous waste; or the facility falls into other specified categories of non-regulated under RCRA.
ERNS	Subject Property	0	The Emergency Response Notification System (ERNS) is a combination of data from the U.S. Coast Guard and the ten EPA reporting region's listings of releases to the air, water, and/or soil of hazardous or unidentified substances.
Federal Institutional Control/ Engineering Control Registries	Subject Property	0	Institutional controls and engineering controls are forms of Activity and Use Limitations which are an explicit recognition that residual levels of hazardous substances or petroleum product may be present on the Property and unrestricted use of the Property may not be acceptable. Lists are maintained by EPA and various states.

#### **State Regulatory Databases**

Database	Search Radius	Number of Sites	Regulatory Database Description
State Hazardous Waste Sites SHWS	1.0 Mile	3	The Department of Conservation and Natural Resources has compiled a database of corrective action sites that are commonly referred to as state equivalent CERCLIS sites. The Nevada Division of Environmental Protection (NDEP) maintains a database of non-UST, Hazardous ad Regulated Waste Corrective Actions, and a database of leaking USTs in the State of Nevada. These databases are typically identified in the EDR database report as Hazardous Waste sites.



Database	Search Radius	Number of Sites	Regulatory Database Description	
Landfill	0.5 Mile	0	The NDEP maintains a list of municipal solid waste and industrial landfills in the State of Nevada. The database information includes the site name, class, operation type, area, estimated site life, and owner.	
Leaking Underground Storage Tanks LUST	0.5 Mile	0	The NDEP maintains a list of identified leaking underground storage tanks (LUSTs) in the State of Nevada.	
Underground Storage Tank UST	Property or Adjoining Property	1	The NDEP maintains a database of registered USTs and provides information on registered and permitted USTs in the State of Nevada.	
Voluntary Cleanup Program Sites (VCP)	0.5 Mile	0	The voluntary cleanup program is administered by the Nevada Division of Environmental Protection to proving relief from liability to owners who undertake cleanups contaminated properties under the oversight of the Division.	
Brownfields 0.5 Mi		0	The Nevada Division of Environmental Protection maintains a database of sites which fall under the jurisdiction of the State Brownfields Program. These sites have been investigated for hazardous substances, to include petroleum products, or have undergone remediation under the State Brownfields Program.	
Tribal 0.5 Miles 0 Records land.		0	Records pertaining to LUST and UST sites on Indian land.	

The above facilities were identified by the EDR Radius Map Report (Inquiry number 3481247), as being located in the radius identified by ASTM and may be potential sources of offsite contamination to the Property. Information regarding these sites is as follows:

The Union Pacific Rail Yard (Yard) is listed as a UST site. The Halladay Residence is listed as part of the Yard site. The Yard adjoins the Property to the north/northwest. This facility is up-gradient of the Property and has a history of contamination. Converse obtained files from the NDEP for this facility. Section 4.4 contains information on the file review.

The remaining two SHWS had diesel fuel releases to the surface soils that were remediated and regulatory closure was granted for these incidences.



#### **Orphan Summary**

Thirty-two sites were listed on the Orphan Summary section of the EDR report. The Orphan Summary section of the EDR report contains facilities that EDR was unable to locate on a city map. Converse attempted to locate these facilities and has determined that all but the railroad yard appear to be located beyond the radius of influence as determined by ASTM Standards or there was not enough information to locate the facilities.

The Yard is listed three times on the orphan listing. It was listed as an ERNS site for a sulfuric acid spill that occurred in 1993. Soda ash was reportedly used to neutralize the spill. It was also listed as a SHWS for unknown impacts to soil. These impacts were reportedly cleaned up and closure was granted for this incident in 1990. Finally, a second SHWS listing was noted for a diesel fuel release that impacted soil. This case was closed in 1997.

#### 4.4 Additional Environmental Record Sources

#### 4.4.1 Elko County Assessor's Office

According to the available property records, the current owner of the Property is 1<sup>st</sup> & Main, LLC. The Assessor's office indicates the existing building was constructed in 1938.

#### 4.4.2 Nevada Division of Environmental Protection (NDEP)

Converse requested files that may be available for the Property and files for the Union Pacific Rail Road Yard. No files were identified for the Property. The Union Pacific Rail Road Yard files are summarized below:

The historic Union Pacific Rail Road Yard (Yard) is located adjacent and up-gradient of the Property. Converse reviewed files located at the NDEP for this facility. In 1983, diesel fuel was discovered in groundwater in the area of the Yard. Several homes, down-gradient of the Yard on Main Street between 4th and 5th Street, were impacted with oil seeping into their basements. The Union Pacific was placed under an Order by the NDEP to remediate the site. In 1990, 12 USTs were removed from the Yard. The tanks contained gasoline, kerosene, and diesel. Groundwater remediation was conducted at the site from 1983 to 2007, when the site received closure from the NDEP. Groundwater was monitored for free product, total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene and xylenes (BTEX). Possible solvent contamination, metal contamination and vapor intrusion were not considered as part of the closure.



# 5.0 Property Reconnaissance

#### 5.1 Methodology

On February 5, 2013, Converse visited the Property to determine present use and to identify environmental conditions at the Property. Our methodology involved walking the exterior and interior of the Property while noting observed evidence of present and potential environmental concerns.

Property maps are provided in Appendix A. Pertinent Property photographs are provided in Appendix B.

#### 5.2 Limiting Conditions

Observations made are limited to the time during which our site visit was conducted, February 5, 2013.

#### 5.3 Interior Observations

During our Property visit, Converse made the following observations of the Property interior:

Table 2 – *Interior* Observations of Property

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Hazardous Substances & Petroleum Products:			Consumer sized oil and solvent products in the basement area of the Property.
Storage Tanks & Related Equipment:			
Odors:			There were distinct mold and mildew in the building and basement area.
Standing Surface Water or Other Pools of Liquid:			The building had major roof damage and there was standing water in the building.
Drums & Other Containers of Hazardous Substances, Petroleum Products, or Other Unidentified Contents:			There were empty 55 gallon plastic drums, tall propane tank, and other containers such as 5 gallon buckets and small consumer-sized containers which were not identified.



Table 2 – *Interior* Observations of Property

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Transformers or Equipment containing Polychlorinated Biphenyls (PCBs):			
Heating/Cooling System:			In the basement, a coal burning heater was observed. This heater was not being used.
Stains or Corrosion on Floors, Walls, or Ceilings:			Water staining on walls, floors, and ceilings. Numerous areas of damaged floors, walls, and ceilings were observed.
Drains and Sumps:			

#### 5.4 Exterior Observations

During our Property visit, Converse made the following observations of the Property exterior:

Table 3 – Exterior Observations of Property

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Hazardous Substances & Petroleum Products:			
Storage Tanks & Related Equipment:			
Odors:		$\boxtimes$	
Standing Surface Water or Other Pools of Liquid:			
Transformers or Equipment containing Polychlorinated Biphenyls (PCBs):			
Pits, Ponds, or Lagoons:		$\boxtimes$	

Table 3 – Exterior Observations of Property

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Stained Soil or Pavement:			
Stressed Vegetation (other than from insufficient water):			
Evidence of Mounds, Depressions or Filled or Graded Areas Suggesting Trash or Other Solid Waste Disposal:			
Waste Water or any discharge (including storm water) into a Drain, Ditch, or Stream on or Adjacent to the Property:			
Wells (active, inactive, or abandoned):			
Septic Systems or Cesspools		$\boxtimes$	
Prior Structures:			
Roads, Tracks, Railroad Tracks or Spurs:			

## 5.5 Current Uses of Adjoining Properties

Based on our research and observations during our Property visit, the Property is bordered by the following:

**Table 4 – Adjoining Property Use** 

Direction	Current Development
North:	Main Street and across the street, the former railroad maintenance yard and railroad right-of-way.
East:	Vacant Lot.
South:	Alley Way and Single Family Residences south of the alley.
West	Vacant lot used currently to store vehicles.

#### 5.6 Current Uses of Surrounding Area

Based on our observations, the Property is located along a commercial corridor that is surrounded by residential development, commercial buildings, and unused commercial structures.

#### 6.0 Interviews

During the interviews, the owners and occupants were asked if they had any available documents that would be helpful. The documents that were requested are detailed in Section 3.1 of this report:

#### 6.1 Property Owner

On February 5, 2013, the Property owner's representative, Mr. Richard Davis, was interviewed at the Property. Mr. Davis stated the Property was always heated utilizing the coal burner (still existing in the basement area of the Property) until it was converted to gas heating in the 1970s. He stated there are no USTs on the site and he is not aware of any environmental issues.

#### **6.2 Property Tenants**

The Property building is currently vacant and there are no tenants.

#### 6.3 State or Local Government Officials

Other than the information provided in Section 4.4., no other information could be provided.

# 7.0 Findings

A cursory summary of findings is provided below. However, details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

 The site is currently developed with a vacant, dilapidated hotel. The Property is approximately 7,500 square feet in size and located at 617 Main Street, Carlin, Elko County, Nevada. The two-story building covers the entire foot print of the Property and has a full basement.



- In 1885, the Property was originally developed with multiple businesses that included a restaurant, society hall, dwelling, and a general merchandise store with a warehouse. There were some minor reconfigurations of the Property between 1885 and 1938, at which time it was redeveloped with the existing structure. Since its redevelopment, the Property has been operated as a restaurant/gambling hall/hotel until it was closed down approximately 10 years ago.
- The historic Union Pacific Rail Road Yard ("Yard") is located adjacent to and upgradient of the Property.
- The Property is not listed on the databases searched by EDR. Off-site facilities listed within the ASTM Search Radius included 3 SHWS and 1 UST site.

# 8.0 Opinion

This section includes Converse's opinion of the impact to the Property of any potential recognized environmental conditions identified in the Findings Section of this Report.

- The historic Union Pacific Rail Road Yard ("Yard") is located adjacent to and upgradient of the Property. Based on its proximity to the Property, Converse reviewed files located at the Nevada Division of Environmental Protection (NDEP) for this facility. In 1983, diesel fuel was discovered on groundwater in the area of the Yard. Several homes, down-gradient of the yard on Main Street between 4<sup>th</sup> and 5<sup>th</sup> Streets, were impacted with oil seeping into their basements. Union Pacific was placed under an order by NDEP to remediate the site. In 1990, 12 underground storage tanks (USTs) were removed from the Yard. The tanks contained gasoline, kerosene, and diesel. Groundwater remediation was conducted at the site from 1983 to 2007, at which time, the site received closure from the NDEP. Groundwater was monitored for free product, total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and xylenes (BTEX). Possible solvent contamination, metal contamination, and vapor intrusion were not considered as part of the closure. There were shop facilities located in the Yard. Contamination from solvents and metals are often associated with these types of facilities and the Yard has not been investigated for these types of contaminants. Also, vapor intrusion was not evaluated for site closure. Therefore, the close proximity and the up-gradient location of the Historic Rail Road Yard is considered a REC for the Property.
- Since the original development of the Property was before 1885, septic systems and underground heating oil tanks could have been located on the Property. However, when the Property was redeveloped in 1938, a full basement was excavated that covered the entire Property and these potential sources of contamination would have been encountered and removed. Therefore, we consider this to be a concern, not a REC.

- The existing building was constructed at a time when heating oil may have been used as a source of fuel for the building, which could have been stored in a UST. However, based on interviews and observations, the building was heated with coal. Additionally, there was no evidence to suggest there was ever a UST located on the Property. Therefore, we do not consider this a REC.
- There are three State Hazardous Waste Sites (SHWS) listed within one mile of the Property in the regulatory databases that were reviewed. Two of the SHWS were remediated diesel spills which impacted only the soil. These sites have received regulatory closure. Based on regulatory closure and the type of incident, these sites are not considered RECs for the Property.
- One SHWS, the Halladay Residence on 413 Main Street, is approximately 600 feet west and down-gradient of the Property. This case was closed by NDEP on December 31, 2003. Due to case closure and the down-gradient location of the site, this site is not considered a REC for the Property.
- There is one UST site identified as being adjacent to the Property. This site is part of the historic Union Pacific Rail Road Yard and is discussed above.
- The age of the building is as such that there may be asbestos building materials and/or lead-based paint present in the structure. While the presence of these materials is not considered a REC, Converse recommends that the building be evaluated based on its damaged and dilapidated condition.

Based on the findings of this assessment, it is recommended that a Phase II ESA be conducted to assess if the Property has been impacted by historical operations at the Union Pacific Rail Road Yard. In addition, Converse recommends a comprehensive Asbestos/Lead-Based Survey be conducted at the Property.

No significant data gaps were identified that affect the ability of the Environmental Professional (EP) to identify RECs other than the fact that a completed Property Owner Questionnaire was not received, there were historical data failures because the oldest historic information identified (an 1895 Sanborn Map) indicated the Property was developed, and there was no historical information for the Property between 1952 and 1982. The significance of the data gaps is deemed to be low based on known history from the historical records that were reviewed.

There are no unusual circumstances where greater certainty is required regarding RECs.

#### 9.0 Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-05 for the site located at 617 Main Street, Carlin, Elko County, Nevada. Any exceptions to, or deletions from, this practice are described in Section 1.4 Limitations and Exceptions of this report. This assessment has revealed no evidence of RECs in connection with the Property with the exception of the following:

Historic Rail Road Yard located adjacent to and up-gradient of the Property.

Converse recommends a Phase II investigation.

#### 10.0 Deviations

No deviations from the ASTM Standard Practice were addressed in this report.

# 11.0 Additional Non Scope Services

There are environmental issues outside the scope of the ASTM E1527-00 that can be assessed in connection with a commercial real estate transaction. These are dealt with as non-scope considerations since they do not typically present a Superfund Liability. The specific level of inquiry (if any) is defined in the Proposal, which contains a Scope of Work. A copy of the Proposal is included as Appendix F. These non-scope services are very client specific and are not covered by the ASTM standard. They are frequently related to the business environmental risk, which is defined in the standard as "risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate."

Converse evaluated the Property to determine if an Asbestos/Lead Based Survey may be required at a later day. Server damage was identified in several building materials and many paint surfaces were not intact. The age of the building is as such that there may be asbestos building materials and/or lead-based paint present. Converse recommends they be evaluated based on their damaged condition.

# 12.0 Signature of Environmental Professional

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312.

have the specific qualifications based on education, training and experience to assess a *property* of the nature, history, and setting of the *subject property*. I have developed and performed the all appropriate inquiries in conformance with the standard and practices set forth in 40 CFR Part 312.

Kathi Brandmueller, CEM.<sup>1</sup>

Senior Engineer

CEM No. 1197, Expires 12/22/14

This Phase I ESA was completed by the above Environmental Professional. A complete list of preparers and their responsibilities for this assessment is provided in the following section (Section 13.0, List of Preparers).

#### Nevada Certified Environmental Manager Jurat

<sup>1</sup> I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all Federal, State, and local statutes, regulations, and ordinances.



### 13.0 List of Preparers

Converse Consultants has been in business for over 60 years and maintains various certifications and licenses, as well as professional liability insurance and membership in professional organizations.

#### Resumes

#### Kathi Brandmueller, PE, CEM

Senior Engineer

B.S., Geological Engineering, University of Nevada, Reno, 1991 Registered Civil Engineer, Nevada Environmental Manager, State of Nevada Certificate Number CEM-1197 Nevada Licensed Asbestos Consultant

Ms Brandmueller has been with Converse since 2002. She has experience in UST removals, asbestos management, Phase I and Phase II ESA's, remediation designs, construction oversight and management, regulatory compliance, and project management on multi-personnel projects.

Principal Areas of Responsibility for this report: Site Visit, Developed Opinions and Conclusions

#### Martin M. Jackson

Staff Geologist/LEED Associate

B.S., Geology, California State University, Northridge 1993 LEED Green Associate

Mr. Jackson has over 19 years of geologic experience in California and Nevada. He has been involved in a variety of residential, commercial and governmental development.

Mr. Jackson has been with Converse since 2013. He is well versed in historic and regulatory review and he has assisted with several Phase I and Phase II investigations during his career.

Principal Areas of Responsibility for this report: Site visit, historical research, regulatory research, and report preparation.



#### 14.0 References

Personal Communication, Mr. Glenn Trust, City of Carlin Manager; February 5, 2013.

EDR Environmental Data Resources, Inc., EDR-Radius Map Report with and Geocheck, Inquiry No. 3481247.2s, dated December 19, 2012.

EDR Environmental Data Resources, Inc., Aerial Photographic Decade Collection, Inquiry No. 3481247.5, dated December 20, 2012.

EDR Environmental Data Resources, Inc., Certified Sanborn Map Report, Inquiry No. 3481247.3, dated December 20, 2012.

EDR Environmental Data Resources, Inc., Historical Topographic Map Report, Inquiry No. 3481247.4, dated December 19, 2012.

United States Geological Survey, 7.5-Minute Topographic Quadrangle, Carlin East, Nevada, 1967 (Photo Revised 1982).

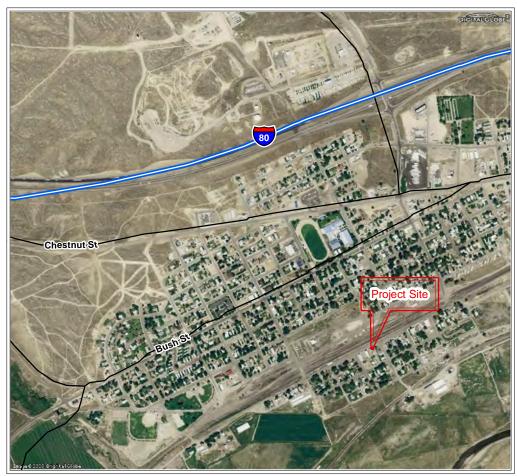
Geologic Map of Elko County, Nevada, Nevada Bureau of Mines and Geology, by Robert R Coats.

# **Property Maps**

# Appendix A







1 inch = 0.25 miles



# SITE MAP

STATELINE HOTEL 617 West Main Street Carlin, Nevada

Plate 1

Project No: 08-73103-01-04 Date Created: 617 Main St.mxd 03/23/13

# Pertinent Property Photographs & Aerial Photos

# Appendix B



North side of building along Main Street.



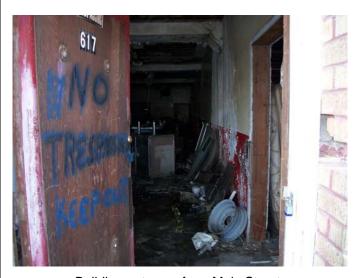
West side of building looking to the south.



South side of the building looking towards the East. Large opening in the middle area of the building is for basement access.



West side of building looking towards the southeast.



Building entrance from Main Street.



First Floor, interior of the building.



First Floor, interior of the building near staircase exhibiting frozen water (with debris).



Interior area of 1st floor near stair case.



Interior area of the 1<sup>st</sup> floor.



Interior area of the 1st floor.



Staircase area looking down towards 1<sup>st</sup> floor.



2<sup>nd</sup> floor Hallway, looking towards the south. Note the missing ceiling exposing the rafters.



2<sup>nd</sup> floor, a room near the stair case.



2<sup>nd</sup> floor, view of the ceiling along the hallway.



 $2^{\text{nd}}$  floor, view of the ceiling in the above mentioned room.



Basement area, viewing from south entrance.



Coal burner originally used to heat the building.



Basement ceiling close up view.

# **Stateline Hotel**

617 Main Street Carlin, NV 89822

Inquiry Number: 3481247.5

December 20, 2012

# The EDR Aerial Photo Decade Package



# **EDR Aerial Photo Decade Package**

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# **Date EDR Searched Historical Sources:**

Aerial Photography December 20, 2012

# **Target Property:**

617 Main Street Carlin, NV 89822

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1982	Aerial Photograph. Scale: 1"=750'	Panel #: 40116-F1, Carlin East, NV;/Flight Date: June 27, 1982	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 40116-F1, Carlin East, NV;/Composite DOQQ - acquisition dates: August 05, 1994	EDR
1999	Aerial Photograph. Scale: 1"=750'	Panel #: 40116-F1, Carlin East, NV;/Flight Date: September 27, 1999	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 40116-F1, Carlin East, NV;/Flight Year: 2006	EDR









# **EDR-Radius Map Report**

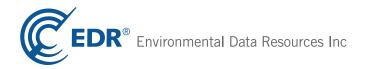
# Appendix C

**Stateline Hotel** 617 Main Street Carlin, NV 89822

Inquiry Number: 3481247.2s

December 19, 2012

# The EDR Radius Map™ Report with GeoCheck®



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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 617 MAIN STREET CARLIN, NV 89822

#### **COORDINATES**

Latitude (North): 40.7119000 - 40° 42' 42.84" Longitude (West): 116.1090000 - 116° 6' 32.40"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 575262.2 UTM Y (Meters): 4506946.5

Elevation: 4896 ft. above sea level

# USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40116-F1 CARLIN EAST, NV

Most Recent Revision: 1985

West Map: 40116-F2 CARLIN WEST, NV

Most Recent Revision: 1985

# **AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: 2010 Source: USDA

# 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 eith<del>er on the target property or within the</del> search radius around the target property for the following databases:

# Federal NPL site list NPL National Priority List

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list CERCLIS..... 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 LUCIS.....Land Use Control Information System Federal ERNS list ERNS..... Emergency Response Notification System State and tribal landfill and/or solid waste disposal site lists SWF/LF.....Landfill List State and tribal leaking storage tank lists .....Sites Database INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists ..... Aboveground Storage Tank List INDIAN UST..... Underground Storage Tanks on Indian Land FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Sites

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

ODI...... Open Dump Inventory

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

CONSENT...... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act

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

FINDS........ Facility Index System/Facility Registry System 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

2020 COR ACTION...... 2020 Corrective Action Program List PRP...... Potentially Responsible Parties

COAL ASH...... Coal Ash Disposal Sites
FINANCIAL ASSURANCE.... Financial Assurance Information Listing

EPA WATCH LIST..... EPA WATCH LIST

US FIN ASSUR..... Financial Assurance Information PCB TRANSFORMER...... PCB Transformer Registration Database COAL ASH DOE..... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

# **EDR PROPRIETARY RECORDS**

# **EDR Proprietary Records**

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

# **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

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

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

Sites listed in bold italics are in multiple databases.

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

# STANDARD ENVIRONMENTAL RECORDS

#### State- and tribal - equivalent CERCLIS

SHWS: Corrective Action Case list (Active, Non-ust Hazardous Waste and Regulated Substance. Correction Actions)

A review of the SHWS list, as provided by EDR, and dated 07/10/2012 has revealed that there are 3 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HALLADAY RESIDENCE Date Closed: 12/31/2003	413 MAIN STREET	WSW 0 - 1/8 (0.104 mi.)	1	7
PILOT TRAVEL CENTERS LLC #387 Date Closed: 04/04/2000 Date Closed: 04/08/2002	791 10TH ST	NE 1/4 - 1/2 (0.314 mi.)	5	10
CAPURRO TRUCKING COMPANY , APN Date Closed: 03/22/2012 Date Closed: 03/05/2012	924 POPLAR STREET	N 1/2 - 1 (0.762 mi.)	7	12

# State and tribal registered storage tank lists

UST: Registered Underground Storage Tank Facilities.

A review of the UST list, as provided by EDR, and dated 07/10/2012 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN PACIFIC TRANSPORTATIO	RAILROAD ST & 4TH ST	W 1/8 - 1/4 (0.174 mi.)	2	7
CITY OF CARLIN	810 OAK ST	E 1/8 - 1/4 (0.177 mi.)	A3	9

# ADDITIONAL ENVIRONMENTAL RECORDS

# Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in Nevada.

A review of the SWRCY list, as provided by EDR, and dated 02/16/2012 has revealed that there are 2 SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF CARLIN PUBLIC WORKS	810 OAK STREET	E 1/8 - 1/4 (0.177 mi.)	A4	10
SCOTTS FOODTOWN	552 6TH STREET	NNW 1/4 - 1/2 (0.344 mi.)	6	12

Due to poor or inadequate address information, the following sites were not mapped. Count: 32 records.

Site Name	Database(s)
BUCHANAN PROPERTY	SHWS
GHUMMAN TRUCKING MOBILE SOURCE	SHWS
AL PARK PETROLEUM MOBILE SOURCE	SHWS
ASPLUNDH	SHWS
RISING STAR TRUCKING	SHWS
NEWMONT GOLD COMPANY	SHWS
WEST PORTAL WHILITY HOUSE	SHWS, UST
BARNEY TRUCKING MOBILE SOURCE	SHWS
YELLOW FREIGHT SYSTEMS MOBILE SOUR	SHWS
HADLEY RANCH	SHWS
NEWMONT MINING CORPORATION - GOLD	SHWS, NPDES
SOUTHERN PACIFIC TRANSPORTATION CO	SHWS
MOTOR CARGO MOBILE SOURCE	SHWS
HAYCOCK PETROLEUM COMPANY MOBILE S	SHWS
NEWMONT MINING CORPORATION MOBILE	SHWS
CTI MOBILE SOURCE	SHWS
TRIMET TRANSPORTATION MOBILE SOURC	SHWS
CHEVRON #94110	SHWS
SENTINEL CARLIN TERMINAL	SHWS
UNION PACIFIC RAILROAD COMPANY	SHWS
FLYING J ROADWAY	SHWS
TROUT CREEK	SHWS
UNION PACIFIC RAILROAD COMPANY	SHWS
FAA - RMLR QEF	SHWS
DEE GOLD MINE	SHWS
NEWMONT GOLD COMPANY	SHWS
UNION PACIFIC RAILROAD COMPANY	SHWS
FNF CONTRACTORS	SHWS
CHEVRON #9-4110-CLOSED	UST
SAME AS 6-000033	UST
DUPONT CARLIN TERMINAL	RCRA-LQG, FINDS
CARLIN LAND FILL POP 1300	ODI

# **OVERVIEW MAP - 3481247.2s**

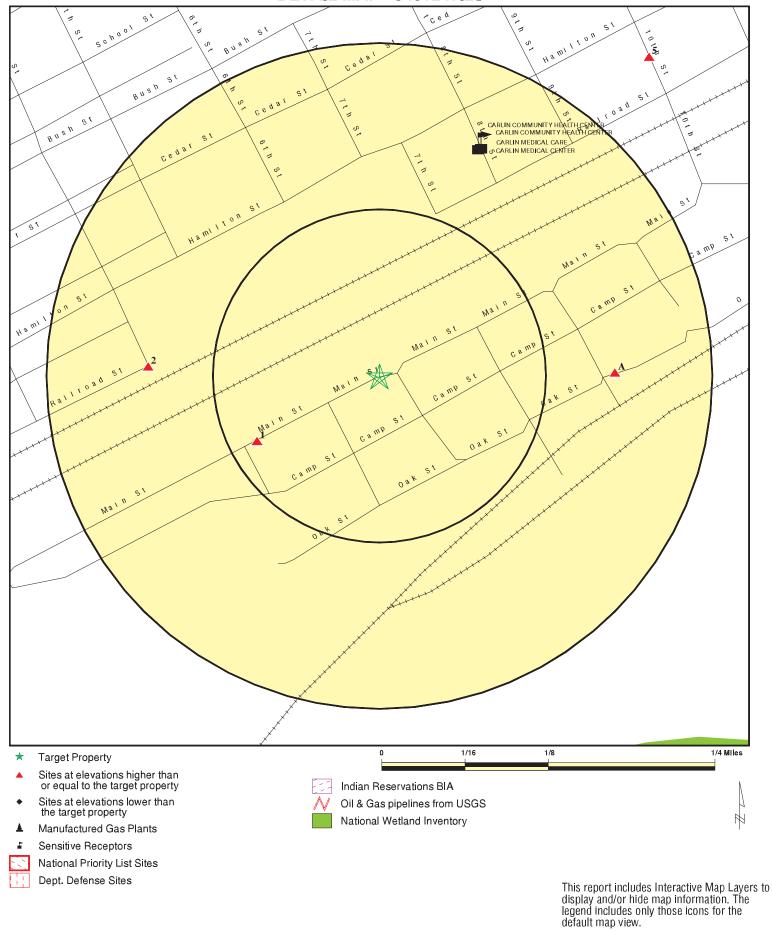


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Vacant Land
ADDRESS: 523 Main Street
Carlin NV 89822
LAT/LONG: 40.7119 / 116.109

CLIENT: Converse Consultants
CONTACT: Kathi Brandmueller
INQUIRY #: 3481247.2s
DATE: December 19, 2012 6:30 pm

# **DETAIL MAP - 3481247.2s**



SITE NAME: Vacant Land

523 Main Street Carlin NV 89822

40.7119 / 116.109

ADDRESS:

LAT/LONG:

December 19, 2012 6:33 pm Copyright © 2012 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

Converse Consultants

CLIENT: Converse Consultation CONTACT: Kathi Brandmueller

3481247.2s

INQUIRY #:

DATE:

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	AL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL site	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRAF	site List							
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACT	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORI	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con- engineering controls reg								
US ENG CONTROLS US INST CONTROL LUCIS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equiva	lent CERCLIS	3						
SHWS	1.000		1	0	1	1	NR	3
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking s	storage tank li	ists						
LUST INDIAN LUST	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal registere	ed storage tan	k lists						
UST	0.250		0	2	NR	NR	NR	2

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST INDIAN UST FEMA UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal voluntary	cleanup site	es						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u>3</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
ODI DEBRIS REGION 9 SWRCY INDIAN ODI	0.500 0.500 0.500 0.500		0 0 0 0	0 0 1 0	0 0 1 0	NR NR NR NR	NR NR NR NR	0 0 2 0
Local Lists of Hazardous Contaminated Sites	waste/							
US CDL US HIST CDL	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency R	elease Repo	rts						
HMIRS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Rec	ords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD UMTRA MINES TRIS TSCA FTTS HIST FTTS SSTS ICIS PADS	0.250 TP 1.000 1.000 1.000 0.500 0.250 TP TP TP TP TP TP		0 NR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NR 0 0 0 0 0 NR NR NR NR NR NR NR	NR NR 0 0 0 0 NR NR NR NR NR NR NR	NR NR O O O O R NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR NR NR NR N	0 0 0 0 0 0 0 0

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
HMRI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER COAL ASH DOE	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH EPA	0.500		U	U	U	INIX	INIX	U
EDR PROPRIETARY RECOR	<u>DS</u>							
EDR Proprietary Records								
Manufactured Gas Plants	1.000		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

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

1 HALLADAY RESIDENCE SHWS \$103876758

N/A

UST U004161215

N/A

WSW 413 MAIN STREET < 1/8 CARLIN, NV

0.104 mi. 550 ft.

Relative: SHWS:

Higher Facility ID: F-001167
Date Release Reported to NDEP: 12/16/1998

Actual: Program:

4896 ft. NDEP Case Officer

NDEP Case Officer: agravens

Location of Paper File: NDEP: Carson City

Type of Media Impacted:

Event: Not reported

Date of Closure: 12/31/2003

Regulatory Type of Closure: Other

Contaminant: \_ ----- Historic - refer to UPRR ID# F-000571

\_\_\_\_

2 SOUTHERN PACIFIC TRANSPORTATION CO

West RAILROAD ST & 4TH ST 1/8-1/4 CARLIN, NV 89822

0.174 mi. 918 ft.

Relative: UST:

Higher Facility ID: 6-000283 Federally Regulated Tank: TRUE

Federally Regulated Tank: TR
Actual: Tank ID: 1

**4904 ft.** Tank Status: PF

1904 ft. Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 1700
Tank Substance: KEROSENE

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE Tank ID: 10

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 4500
Tank Substance: GASOLINE

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE Tank ID: 2

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 800
Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE

Direction Distance

Elevation Site Database(s) EPA ID Number

# SOUTHERN PACIFIC TRANSPORTATION CO (Continued)

U004161215

**EDR ID Number** 

Tank ID:

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 150
Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE Tank ID: 4

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 1000
Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE Tank ID: 5

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 250

Tank Substance: UNKNOWN

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE Tank ID: 6

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 1060
Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE Tank ID: 7

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 1000
Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE Tank ID: 8

Tank Status: PERMANENTLY OUT OF USE

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

# SOUTHERN PACIFIC TRANSPORTATION CO (Continued)

U004161215

Tank Capacity: 1000
Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE Tank ID: 9

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 600
Tank Substance: DIESEL

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE
Pipe Material: BARE STEEL
Pipe: NONE
Install Date: Not reported

A3 CITY OF CARLIN UST U000376462
East 810 OAK ST N/A

1/8-1/4 CARLIN, NV 89822

0.177 mi.

934 ft. Site 1 of 2 in cluster A

Relative: UST:

Higher Facility ID: 6-000207 Federally Regulated Tank: TRUE

Actual: Tank ID: 1

4898 ft. Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 7600

Tank Substance: GASOLINE
Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE

Pipe Material: GALVANIZED STEEL

Pipe: NONE
Install Date: Not reported

Federally Regulated Tank: TRUE Tank ID: 2

Tank Status: PERMANENTLY OUT OF USE

Tank Capacity: 7600
Tank Substance: GASOLINE

Tank Material: ASPHALT COATED OR BARE STEEL

Tank: NONE

Pipe Material: GALVANIZED STEEL

Pipe: NONE
Install Date: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EDR ID Number

A4 CITY OF CARLIN PUBLIC WORKS SWRCY S106553908
East 810 OAK STREET N/A

East 810 OAK STREET 1/8-1/4 CARLIN, NV

0.177 mi.

934 ft. Site 2 of 2 in cluster A

Relative: NV SWRCY:

Higher Facility Type: BATTERIES - CAR
Phone: (775) 754-6515

Actual: Provide Rick up: Not reported

Actual: Provide Pick-up: Not reported 4898 ft. Comments: Not reported

5 PILOT TRAVEL CENTERS LLC #387 SHWS U002314749
NE 791 10TH ST UST N/A

NE 791 10TH ST 1/4-1/2 CARLIN, NV 89822

0.314 mi. 1657 ft.

Relative: SHWS:

Higher Facility ID: 6-000245
Date Release Reported to NDEP: 8/10/1999

Actual: Program:

4914 ft. NDEP Case Officer: bstulac

Location of Paper File: NDEP: CC-Storage

Type of Media Impacted: Soil & Surface Water Event: Not reported

Date of Closure: 04/04/2000

Regulatory Type of Closure: Clean w/ Remed

Contaminant: Diesel ----- turned case over to BWPC

Facility ID: 6-000245
Date Release Reported to NDEP: 6/19/2001

Program:

NDEP Case Officer: bstulac

Location of Paper File: NDEP: CC-Storage

Type of Media Impacted: Soil

Event: Not reported

Date of Closure: 04/08/2002

Regulatory Type of Closure: NAC 459 A-K
Contaminant: Diesel

UST:

Facility ID: 6-000245

Owner:

Assoc Facility Name: Pilot Travel Centers LLC #387
Owner: PILOT TRAVEL CENTERS LLC
Owner Address: ATTN: JOEY CUPP, 5508 LONAS RD.

Owner City,St,Zip: KNOXVILLE, TN 37909-3221

Federally Regulated Tank: TRUE Tank ID: 1

Tank Status: CURRENTLY IN USE

Tank Capacity: 12000
Tank Substance: DIESEL

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: NONE

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 08/04/1988

Direction Distance

Elevation Site Database(s) EPA ID Number

# PILOT TRAVEL CENTERS LLC #387 (Continued)

U002314749

**EDR ID Number** 

Federally Regulated Tank: TRUE Tank ID: 2

Tank Status: CURRENTLY IN USE

Tank Capacity: 12000
Tank Substance: DIESEL

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: NONE

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 08/04/1988

Federally Regulated Tank: TRUE Tank ID: 3

Tank Status: CURRENTLY IN USE

Tank Capacity: 12000
Tank Substance: DIESEL

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: NONE

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 08/04/1988

Federally Regulated Tank: TRUE Tank ID: 4

Tank Status: CURRENTLY IN USE

Tank Capacity: 10000
Tank Substance: GASOLINE

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: NONE

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 08/04/1988

Federally Regulated Tank: TRUE Tank ID: 5

Tank Status: CURRENTLY IN USE

Tank Capacity: 10000
Tank Substance: GASOLINE

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: NONE

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 08/04/1988

Federally Regulated Tank: TRUE Tank ID: 6

Tank Status: CURRENTLY IN USE

Tank Capacity: 10000
Tank Substance: GASOLINE

Tank Material: COMPOSITE (STEEL W/ FRP)

Tank: NONE

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe: NONE Install Date: 08/04/1988

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**SCOTTS FOODTOWN** SWRCY S109844388

N/A

N/A

NNW **552 6TH STREET** 1/4-1/2 CARLIN, NV

0.344 mi. 1814 ft.

NV SWRCY: Relative:

**CARDBOARD** Higher Facility Type:

Phone: (775) 754-6615 Actual: Provide Pick-up: Not reported 4933 ft. Comments: Not reported

**CAPURRO TRUCKING COMPANY, APN 002-220-023** SHWS S111987260

North 924 POPLAR STREET **CARLIN, NV 89822** 1/2-1

0.762 mi. 4025 ft.

Actual:

SHWS: Relative: Higher

F-000105 Facility ID: Date Release Reported to NDEP: 2/28/2012 Program: Mobile Source

5001 ft. NDEP Case Officer: ierwin

> Location of Paper File: NDEP: Carson City

Type of Media Impacted: Soil

Event: Not reported Date of Closure: 03/22/2012 Regulatory Type of Closure: Clean w/ Remed

Contaminant: Diesel

F-000105 Facility ID: Date Release Reported to NDEP: 1/20/2012 Program: Mobile Source

NDEP Case Officer: jerwin

Location of Paper File: NDEP: Carson City

Type of Media Impacted: Soil

Event: Not reported **Date of Closure:** 03/05/2012 Regulatory Type of Closure: Clean w/ Remed

Contaminant: Diesel ----- Diesel at 610 mg/kg. All constituents below action

levels.

Count: 32 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CARLIN	S103875681	BUCHANAN PROPERTY	10TH AND BUSH STS		SHWS
CARLIN	S111027631	GHUMMAN TRUCKING MOBILE SOURCE	I 80 & MILE MARKER 280		SHWS
CARLIN	S103876684	AL PARK PETROLEUM MOBILE SOURCE	I 80 NEARCARLIN		SHWS
CARLIN	S103876742	ASPLUNDH	CARLIN & ANSCUTZ		SHWS
CARLIN	S103876664	RISING STAR TRUCKING	CARLIN TRUCK STOP		SHWS
CARLIN	S108250261	NEWMONT GOLD COMPANY	CRUSHER	89822	SHWS
CARLIN	U002010729	WEST PORTAL WHILITY HOUSE	E	89822	SHWS, UST
CARLIN	S105488575	BARNEY TRUCKING MOBILE SOURCE	EUREKA COUNTY RD		SHWS
CARLIN	S103876691	YELLOW FREIGHT SYSTEMS MOBILE SOUR	MARKER		SHWS
CARLIN	U000376468	HADLEY RANCH	1 MILE NORTH OF CARLIN	89822	SHWS
CARLIN	1000455460	DUPONT CARLIN TERMINAL	3 MILES E OF CARLIN OLD HWY 40	89822	RCRA-LQG, FINDS
CARLIN	S107777249	NEWMONT MINING CORPORATION - GOLD	6 MILES NORTH OF CARLIN		SHWS, NPDES
CARLIN	1007444872	CARLIN LAND FILL POP 1300	1 MI N OF TOWN		ODI
CARLIN	S103876659	SOUTHERN PACIFIC TRANSPORTATION CO	RAILYARD		SHWS
CARLIN	S108250219	MOTOR CARGO MOBILE SOURCE	STHY 278		SHWS
CARLIN	S109015099	HAYCOCK PETROLEUM COMPANY MOBILE S	STHY 766 & MILE MARKER 05		SHWS
CARLIN	S106870649	NEWMONT MINING CORPORATION MOBILE	STHY 766 NEARGOLDQUARRYMINE		SHWS
CARLIN	S106870824	CTI MOBILE SOURCE	STHY 766 NEARBARRICKMINE		SHWS
CARLIN	S106514342	TRIMET TRANSPORTATION MOBILE SOURC	STHY 766 NEARBARRICKMINE		SHWS
CARLIN	S106514190	CHEVRON #94110	STREET	89822	SHWS
CARLIN	U004161098	CHEVRON #9-4110-CLOSED	USHY 40 & 10TH ST	89822	UST
CARLIN	U004161202	SAME AS 6-000033	USHY 40 & 10TH ST	89822	UST
CARLIN	S106878390	SENTINEL CARLIN TERMINAL	_		SHWS
CARLIN	S106878384	UNION PACIFIC RAILROAD COMPANY	_	89822	SHWS
ELKO COUNTY	S109521842	FLYING J ROADWAY	INTERSTATE 80 NEAR MILE MARKER		SHWS
ELKO COUNTY	S109521967	TROUT CREEK	CAMECO (USA) INC.		SHWS
ELKO COUNTY	S109943991	UNION PACIFIC RAILROAD COMPANY	CARLIN YARD		SHWS
ELKO COUNTY	S109943968	FAA - RMLR QEF	DEETH		SHWS
ELKO COUNTY	S109521817	DEE GOLD MINE	33 MILES NORTHWEST OF CARLIN		SHWS
ELKO COUNTY	S109521901	NEWMONT GOLD COMPANY	MILL #1		SHWS
ELKO COUNTY	S109521973	UNION PACIFIC RAILROAD COMPANY	RAIL 17 (3 MILES EAST OF ELKO)		SHWS
ELKO COUNTY	S106870640	FNF CONTRACTORS	_		SHWS

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: 06/07/2012 Source: EPA
Date Data Arrived at EDR: 07/05/2012 Telephone: N/A

Number of Days to Update: 75 Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 06/07/2012 Source: EPA
Date Data Arrived at EDR: 07/05/2012 Telephone: N/A

Number of Days to Update: 75 Next Scheduled EDR Contact: 01/21/2013
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: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 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: 06/07/2012 Date Data Arrived at EDR: 07/05/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 75

Source: EPA Telephone: N/A

Last EDR Contact: 10/11/2012

Next Scheduled EDR Contact: 01/21/2013
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: 12/27/2011 Date Data Arrived at EDR: 02/27/2012 Date Made Active in Reports: 03/12/2012

Number of Days to Update: 14

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013 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: 12/28/2011 Date Data Arrived at EDR: 02/27/2012 Date Made Active in Reports: 03/12/2012

Number of Days to Update: 14

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013
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: 08/19/2011 Date Data Arrived at EDR: 08/31/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 132

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 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: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 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: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 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: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 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: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 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: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012 Number of Days to Update: 104 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 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: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012 Number of Days to Update: 104 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 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: 11/15/2012

Next Scheduled EDR Contact: 03/04/2013 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: 04/02/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Annually

# State- and tribal - equivalent CERCLIS

SHWS: Sites Database

A listing of correction action sites.

Date of Government Version: 07/10/2012 Date Data Arrived at EDR: 09/26/2012 Date Made Active in Reports: 10/15/2012

Number of Days to Update: 19

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872 Last EDR Contact: 09/26/2012

Next Scheduled EDR Contact: 01/07/2013 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: 01/17/2012 Date Data Arrived at EDR: 03/07/2012 Date Made Active in Reports: 03/26/2012

Number of Days to Update: 19

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872 Last EDR Contact: 12/07/2012

Next Scheduled EDR Contact: 03/18/2013 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: 07/10/2012 Date Data Arrived at EDR: 09/26/2012 Date Made Active in Reports: 10/15/2012

Number of Days to Update: 19

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872 Last EDR Contact: 09/26/2012

Next Scheduled EDR Contact: 01/07/2013 Data Release Frequency: Varies

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: 04/12/2012 Date Data Arrived at EDR: 05/09/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 62

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 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: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 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: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

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

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

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

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/30/2012

Next Scheduled EDR Contact: 02/11/2013 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: 07/10/2012 Date Data Arrived at EDR: 09/26/2012 Date Made Active in Reports: 10/12/2012

Number of Days to Update: 16

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872 Last EDR Contact: 09/26/2012

Next Scheduled EDR Contact: 01/07/2013 Data Release Frequency: Varies

AST: Aboveground Storage Tank List Registered Aboveground Storage Tanks.

> Date of Government Version: 07/10/2012 Date Data Arrived at EDR: 09/26/2012 Date Made Active in Reports: 10/12/2012

Number of Days to Update: 16

Source: Department of Conservation and Natural Resources

Telephone: 775-687-5872 Last EDR Contact: 09/26/2012

Next Scheduled EDR Contact: 01/07/2013 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: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 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: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

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: 08/02/2012 Date Data Arrived at EDR: 08/03/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 94

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

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: 04/12/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 07/16/2012

Number of Days to Update: 75

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

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: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 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: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

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: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Varies

#### State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 14

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/14/2013 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

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: 08/16/2011 Date Data Arrived at EDR: 09/27/2011 Date Made Active in Reports: 10/12/2011

Number of Days to Update: 15

Source: Department of Conservation & Natural Resources

Telephone: 775-687-9381 Last EDR Contact: 09/28/2012

Next Scheduled EDR Contact: 01/07/2013 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: 07/10/2012 Date Data Arrived at EDR: 09/26/2012 Date Made Active in Reports: 10/15/2012

Number of Days to Update: 19

Source: Division of Environmental Protection

Telephone: 775-687-9384 Last EDR Contact: 09/26/2012

Next Scheduled EDR Contact: 01/07/2013 Data Release Frequency: Varies

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 10/24/2012 Date Data Arrived at EDR: 10/26/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 10

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 04/08/2013 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

) 004 Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/03/2012

Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

SWRCY: Recycling Information Listing
A listing of recycling facilities in Nevada.

Date of Government Version: 02/16/2012 Date Data Arrived at EDR: 02/24/2012 Date Made Active in Reports: 03/26/2012

Number of Days to Update: 31

Source: Department of Environmental Protection

Telephone: 775-687-9463 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 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: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 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: 07/11/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 54

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 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: 02/16/2012 Date Data Arrived at EDR: 03/26/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 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: 04/01/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/14/2013
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: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 11/29/2012

Next Scheduled EDR Contact: 01/14/2013 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: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 11/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013 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: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 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: 06/01/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library Telephone: Varies

Last EDR Contact: 10/01/2012

Next Scheduled EDR Contact: 01/14/2013 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: 02/27/2012 Date Data Arrived at EDR: 03/14/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 92

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 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: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 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: 08/18/2011 Date Data Arrived at EDR: 09/08/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 03/18/2013 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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012

Number of Days to Update: 131

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 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: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 06/29/2012

Next Scheduled EDR Contact: 01/07/2013 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: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 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: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 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: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 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: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/19/2012

Next Scheduled EDR Contact: 01/28/2013 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: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/19/2012

Next Scheduled EDR Contact: 01/28/2013 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: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 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: 10/02/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/21/2013 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: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 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: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 11/30/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Biennially

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 10/08/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/12/2012

Number of Days to Update: 32

Source: Department of Environmental Protection

Telephone: 775-687-9414 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

A listing of permitted Airs facilities and their associated emissions information.

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 03/31/2011 Date Made Active in Reports: 05/13/2011

Number of Days to Update: 43

Source: Division of Environmental Protection

Telephone: 775-687-9359 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 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: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 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: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013 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: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information

Solid waste facility financial assurance information.

Date of Government Version: 10/22/2012 Date Data Arrived at EDR: 10/24/2012 Date Made Active in Reports: 11/12/2012

Number of Days to Update: 19

Source: Division of Environmental Protection

Telephone: 775-687-9477 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash plants.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/18/2011 Date Made Active in Reports: 05/06/2011

Number of Days to Update: 49

Source: Division of Environmental Protection

Telephone: 775-687-9477 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/28/2010 Date Data Arrived at EDR: 12/29/2010 Date Made Active in Reports: 02/02/2011

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 775-687-9465 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 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: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 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: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/16/2012

Next Scheduled EDR Contact: 11/26/2012 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 69

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/13/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

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: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013

Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 32

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 10/04/2012

Next Scheduled EDR Contact: 01/14/2013 Data Release Frequency: Quarterly

#### **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 Hodgte: 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

#### **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: 09/30/2012 Date Data Arrived at EDR: 10/03/2012 Date Made Active in Reports: 11/12/2012

Number of Days to Update: 40

Source: Washoe County Department of Environmental Health

Telephone: 775-328-2493 Last EDR Contact: 10/01/2012

Next Scheduled EDR Contact: 01/14/2013 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: 08/20/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 09/20/2012

Number of Days to Update: 31

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 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: 11/01/2012 Date Data Arrived at EDR: 11/07/2012 Date Made Active in Reports: 12/11/2012

Number of Days to Update: 34

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 11/07/2012

Next Scheduled EDR Contact: 02/18/2013 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: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 & 2011 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### STREET AND ADDRESS INFORMATION

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## **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

VACANT LAND 523 MAIN STREET CARLIN, NV 89822

#### **TARGET PROPERTY COORDINATES**

Latitude (North): 40.7119 - 40° 42' 42.84" Longitude (West): 116.109 - 116° 6' 32.40"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 575262.2 UTM Y (Meters): 4506946.5

Elevation: 4896 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 40116-F1 CARLIN EAST, NV

Most Recent Revision: 1985

West Map: 40116-F2 CARLIN WEST, NV

Most Recent Revision: 1985

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## **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).

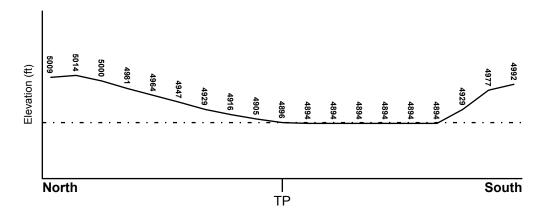
#### **TOPOGRAPHIC INFORMATION**

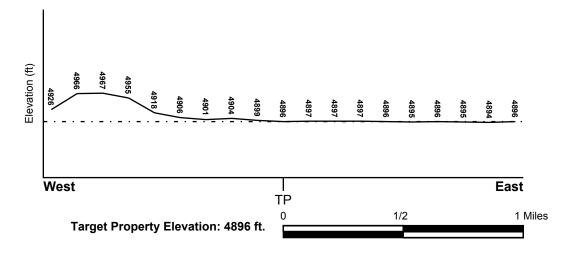
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### 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** 

FEMA Flood
Target Property County Electronic Data

ELKO, NV Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

**NATIONAL WETLAND INVENTORY** 

NWI Quad at Target Property Data Coverage

CARLIN EAST 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
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

## **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**

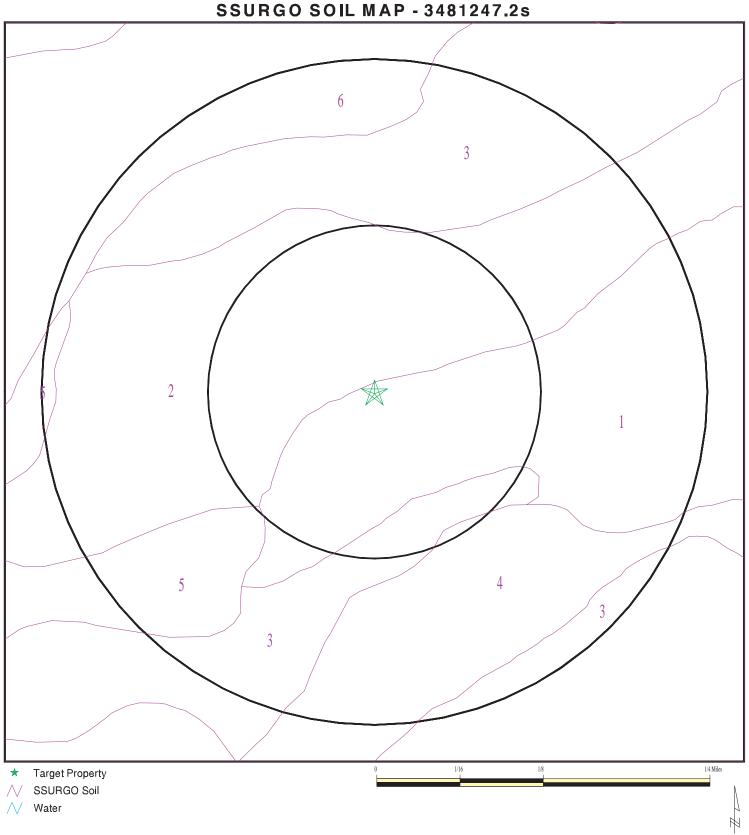
#### **GEOLOGIC AGE IDENTIFICATION**

Era: Cenozoic Category: Continental Deposits

System: Tertiary Series: Pliocene

Code: Tpc (decoded above as Era, System & Series)

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).



SITE NAME: Vacant Land ADDRESS: 523 Main Street Carlin NV 89822 LAT/LONG: 40.7119 / 116.109 CLIENT: Converse Consultants CONTACT: Kathi Brandmueller INQUIRY #: 3481247.2s

December 19, 2012 6:33 pm DATE:

## 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: Cluro

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Soil Laye	r Information			
	Воц	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Noadhon
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	5 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
3	11 inches	38 inches	sr to very fine sandy loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

	Soil Layer Information							
	Bou	ndary		Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
4	38 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.4	

Soil Map ID: 2

Soil Component Name: Hussa

Soil Surface Texture: 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: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

	Bou	ındary		Classi	fication	Saturated	
Layer	Upper	Lower	Soil Texture Class		Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9
2	7 inches	29 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9

			Soil Layer	r Information			
	Вои	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
3	29 inches	48 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9
4	48 inches	59 inches	gravelly loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9

## Soil Map ID: 3

Soil Component Name: Bicondoa

Soil Surface Texture: silty clay loam

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures. Hydrologic Group:

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 145 inches

			Soil Layer	r Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	11 inches	59 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Bicondoa

Soil Surface Texture: silty clay

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: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 23 inches

Soil Layer Information							
	Воц	ındary		Classification	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)
1	0 inches	11 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 7.8 Min: 7.4

	Soil Layer Information							
	Вои	ındary		Classi	fication	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
2	11 inches	40 inches	stratified clay loam to clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 7.8 Min: 7.4	
3	40 inches	59 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 7.8 Min: 7.4	

Soil Map ID: 5

Soil Component Name: Cluro

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Soil Layer	r Information			
	Воц	Boundary Classification		fication	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

			Soil Layer	r Information			
	Воц	ındary		Classi	fication	Saturated hydraulic	0011 1104061011
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
2	5 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
3	11 inches	38 inches	sr to very fine sandy loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
4	38 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

## Soil Map ID: 6

Soil Component Name: Orovada

Soil Surface Texture: gravelly fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information								
	Вои	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic			
Layer	Upper	Lower		AASHTO Group	Unified Soil	conductivity micro m/sec			
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, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 9 Min: 7.9		
2	5 inches	18 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 9 Min: 7.9		
3	18 inches	61 inches	stratified fine sandy loam to silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 9 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

### FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

48 USGS3115017 1/8 - 1/4 Mile East 62 USGS3115020 1/8 - 1/4 Mile West

## FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
109	USGS3115022	1/2 - 1 Mile West
116	USGS3115030	1/2 - 1 Mile North
117	USGS3115018	1/2 - 1 Mile West

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

87 NV0002092 1/4 - 1/2 Mile ENE

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
		O 4/0 Mile NIM
A1 A2	NV400000094256 NV400000094255	0 - 1/8 Mile NW 0 - 1/8 Mile West
A2 A3	NV4000000094255 NV4000000094229	0 - 1/8 Mile WSW
A3 A4	NV400000094229 NV400000094226	0 - 1/8 Mile SW
A4 A5	NV400000094226 NV400000094279	0 - 1/8 Mile North
A6	NV4000000094279 NV4000000094230	0 - 1/8 Mile WSW
A0 A7	NV400000094230 NV400000094237	0 - 1/8 Mile WSW
A7 A8	NV4000000094237 NV4000000094282	0 - 1/8 Mile North
A9	NV4000000094282 NV4000000094252	0 - 1/8 Mile West
A9 A10	NV4000000094252 NV4000000094250	0 - 1/8 Mile West
A10 A11	NV400000094250 NV400000094251	0 - 1/8 Mile West
A11 A12	NV400000094231 NV400000094248	0 - 1/8 Mile West
–	NV4000000094248 NV4000000094280	0 - 1/8 Mile NNW
A13 B14	NV400000094280 NV400000094246	0 - 1/8 Mile West
B15	NV4000000094246 NV4000000094247	0 - 1/8 Mile West
B16	NV400000094247 NV400000094249	0 - 1/8 Mile West
B17	NV400000094249 NV400000094244	0 - 1/8 Mile West
B18	NV4000000094244 NV4000000094245	0 - 1/8 Mile West
A19	NV400000094245 NV400000094275	0 - 1/8 Mile NW
A19 A20	NV400000094275 NV400000094276	0 - 1/8 Mile NW
B21	NV4000000094276 NV4000000094243	0 - 1/8 Mile WSW
C22	NV4000000094243 NV4000000094199	0 - 1/8 Mile South
C23	NV400000094199 NV400000094198	0 - 1/8 Mile South
C23	NV4000000094198 NV4000000094201	0 - 1/8 Mile South
C24 C25	NV400000094201 NV400000094200	0 - 1/8 Mile South
B26	NV4000000094200 NV4000000094240	0 - 1/8 Mile South
B27	NV4000000094240 NV4000000094241	0 - 1/8 Mile WSW
B28	NV4000000094241 NV4000000094235	0 - 1/8 Mile WSW
B29	NV4000000094235 NV4000000094236	0 - 1/8 Mile WSW
B30	NV4000000094236 NV4000000094234	0 - 1/8 Mile WSW
D31	NV4000000094254 NV4000000094294	0 - 1/8 Mile North
B32	NV400000094294 NV400000094231	0 - 1/8 Mile North 0 - 1/8 Mile WSW
B33	NV400000094231 NV400000094232	0 - 1/8 Mile WSW
B34	NV400000094227	0 - 1/8 Mile WSW

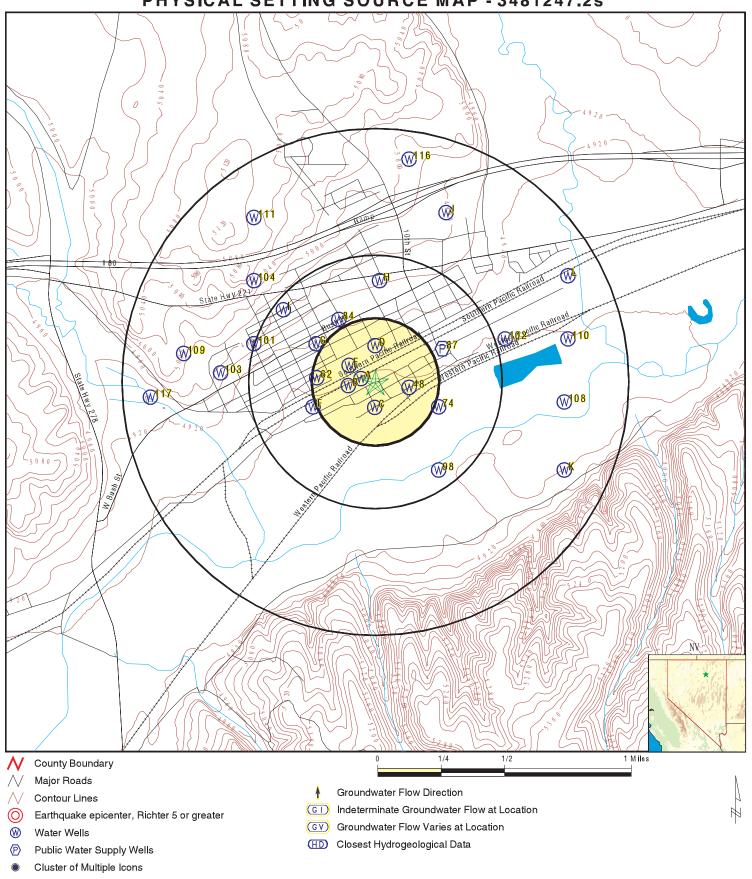
## STATE DATABASE WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
B35	NV4000000094242	0 - 1/8 Mile West
C36	NV400000094187	0 - 1/8 Mile South 0 - 1/8 Mile WSW
B37 E38	NV4000000094233 NV400000094281	0 - 1/8 Mile NW
B39	NV400000094281 NV400000094220	0 - 1/8 Mile WSW
D40	NV400000094220 NV4000000094295	0 - 1/8 Mile NNW
B41	NV400000094293 NV4000000094263	0 - 1/8 Mile WNW
B42	NV400000094253 NV400000094254	0 - 1/8 Mile West
B43	NV4000000034257	0 - 1/8 Mile WNW
B44	NV400000094261	0 - 1/8 Mile WNW
B45	NV400000094260	0 - 1/8 Mile WNW
B46	NV400000094228	0 - 1/8 Mile WSW
E47	NV400000094277	0 - 1/8 Mile NW
E49	NV4000000094264	1/8 - 1/4 Mile WNW
B50	NV400000094218	1/8 - 1/4 Mile WSW
B51	NV400000094258	1/8 - 1/4 Mile WNW
B52	NV400000094221	1/8 - 1/4 Mile WSW
D53	NV400000094312	1/8 - 1/4 Mile North
D54	NV400000094313	1/8 - 1/4 Mile North
D55	NV400000094310	1/8 - 1/4 Mile North
D56	NV400000094311	1/8 - 1/4 Mile North
D57	NV400000094314	1/8 - 1/4 Mile North
D58	NV400000094317	1/8 - 1/4 Mile North
D59	NV400000094318	1/8 - 1/4 Mile North
D60	NV400000094315	1/8 - 1/4 Mile North
D61	NV400000094316	1/8 - 1/4 Mile North
F63	NV400000094203	1/4 - 1/2 Mile WSW
F64	NV4000000094191	1/4 - 1/2 Mile WSW
F65	NV400000094192	1/4 - 1/2 Mile WSW
F66	NV400000094190	1/4 - 1/2 Mile WSW
F67 F68	NV400000094188 NV400000094189	1/4 - 1/2 Mile WSW 1/4 - 1/2 Mile WSW
F69	NV400000094189 NV400000094196	1/4 - 1/2 Mile WSW
F70	NV400000094198	1/4 - 1/2 Mile WSW
F71	NV400000094197 NV400000094195	1/4 - 1/2 Mile WSW
F72	NV4000000034133	1/4 - 1/2 Mile WSW
F73	NV400000094194	1/4 - 1/2 Mile WSW
74	NV4000000094202	1/4 - 1/2 Mile ESE
G75	NV4000000094303	1/4 - 1/2 Mile WNW
G76	NV400000094304	1/4 - 1/2 Mile WNW
G77	NV400000094301	1/4 - 1/2 Mile WNW
G78	NV400000094302	1/4 - 1/2 Mile WNW
G79	NV400000094305	1/4 - 1/2 Mile WNW
G80	NV400000094308	1/4 - 1/2 Mile WNW
G81	NV400000094309	1/4 - 1/2 Mile WNW
G82	NV400000094306	1/4 - 1/2 Mile WNW
G83	NV400000094307	1/4 - 1/2 Mile WNW
84	NV400000094351	1/4 - 1/2 Mile NNW
G85	NV400000094300	1/4 - 1/2 Mile WNW
G86	NV400000094319	1/4 - 1/2 Mile WNW
H88	NV400000094420	1/4 - 1/2 Mile North
H89	NV400000094421	1/4 - 1/2 Mile North

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H90	NV4000000094419	1/4 - 1/2 Mile North
H91	NV400000094417	1/4 - 1/2 Mile North
H92	NV400000094418	1/4 - 1/2 Mile North
H93	NV400000094425	1/4 - 1/2 Mile North
H94	NV400000094426	1/4 - 1/2 Mile North
H95	NV400000094424	1/4 - 1/2 Mile North
H96	NV400000094422	1/4 - 1/2 Mile North
H97	NV400000094423	1/4 - 1/2 Mile North
98	NV400000094145	1/4 - 1/2 Mile SE
199	NV400000094352	1/4 - 1/2 Mile NW
I100	NV400000094353	1/4 - 1/2 Mile NW
101	NV400000094299	1/2 - 1 Mile WNW
102	NV400000094324	1/2 - 1 Mile ENE
103	NV400000094259	1/2 - 1 Mile West
104	NV400000094416	1/2 - 1 Mile NW
J105	NV400000094531	1/2 - 1 Mile NNE
J106	NV400000094532	1/2 - 1 Mile NNE
J107	NV400000094533	1/2 - 1 Mile NNE
108	NV400000094217	1/2 - 1 Mile East
110	NV400000094325	1/2 - 1 Mile ENE
111	NV400000094524	1/2 - 1 Mile NW
K112	NV400000094146	1/2 - 1 Mile ESE
K113	NV400000094147	1/2 - 1 Mile ESE
L114	NV400000094431	1/2 - 1 Mile ENE
L115	NV400000094432	1/2 - 1 Mile ENE

## PHYSICAL SETTING SOURCE MAP - 3481247.2s



CLIENT: Converse Consultar CONTACT: Kathi Brandmueller SITE NAME: Vacant Land Converse Consultants 523 Main Street ADDRESS: Carlin NV 89822 INQUIRY #: 3481247.2s LAT/LONG: 40 7119 / 116 109

DATE: December 19, 2012 6:33 pm

Map ID Direction Distance

Elevation Database EDR ID Number A1 NW **NV WELLS** NV400000094256 0 - 1/8 Mile Higher Well log: 104585 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: SP-20 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csnq diame: 2 Csng reduc: 0 Top perf: 10 20 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Not Reported Remarks ad: Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 Edit statu: Well start: 09/28/2007

Gravel p 2:

0

575302.830019

4506986.96217

NV4000000094256

Gravel p 1:

Utm x: Utm y:

Site id:

Map ID Direction Distance

Contract 3: Driller Ii:

Update use:

Edit statu:

Gravel p 1:

Utm x: Utm y:

Site id:

**TDOMINGUEZ** 

575242.621879

NV4000000094255

4506951.1594

**AMORI** 

0

User id:

Elevation Database EDR ID Number A2 West **NV WELLS** NV400000094255 0 - 1/8 Mile Higher Well log: 104586 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: SP 10 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csnq diame: 2 Csng reduc: 0 Top perf: 10 20 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211

Source age:

Date entry:

Date updat:

Well start:

Gravel p 2:

TC3481247.2s Page A-18

NV003

01/16/2008

01/17/2008

09/28/2007

Map ID Direction Distance

Site id:

NV4000000094229

Elevation Database EDR ID Number A3 WSW **NV WELLS** NV400000094229 0 - 1/8 Mile Higher Well log: 104582 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: SP 09 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csnq diame: 2 Csng reduc: 0 Top perf: 10 20 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575240.30264 Utm x: Utm y: 4506904.95341

Map ID Direction Distance

Elevation Database EDR ID Number A4 SW

0 - 1/8 Mile

**NV WELLS** NV400000094226 Lower Not Reported

Well log: 104581 App: 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported

Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC

SW SE Quarters s: Not Reported Legal quar:

MD Ref: Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a:

Owner curr: UNION PACIFIC RAILROAD

HAMILTON & MAIN STREET UPRR RAILYARD Owner addr:

SP 34 Owner no:

Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D

Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20

Csnq diame: 2

Csng reduc: 0 Top perf: 10 20 Perf inter: Bottom per: 1

Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0

G Test metho: Not Reported Qual const:

Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363

**ENVIRONMENTAL WEST EXPLORATION INC** Contract 1:

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3:

Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007

0 Gravel p 2: Gravel p 1: 575246.113045 Utm x:

Utm y: 4506890.13625 Site id: NV4000000094226

Map ID Direction Distance

Elevation Database EDR ID Number North **NV WELLS** NV400000094279 0 - 1/8 Mile Higher Well log: 104567 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Not Reported Legal quar: Quarters s: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: SP-24 Owner no: Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 23 Depth dril: 23 Depth bedr: 0 Aquifer de: Not Reported Depth case: 23 Csnq diame: 2 Csng reduc: 0 Top perf: 8 23 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575334.280324 Utm x: Utm y: 4507076.09393 Site id: NV4000000094279

Map ID Direction Distance

Elevation Database EDR ID Number A6 WSW **NV WELLS** NV400000094230 0 - 1/8 Mile Higher Well log: 104552 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Not Reported Legal quar: Quarters s: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: 1CRW 2 Owner no: Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 30 Depth dril: 30 Depth bedr: 0 Aquifer de: Not Reported Depth case: 30 Csnq diame: 12 Csng reduc: 0 Top perf: 10 30 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575229.030864 Utm x: Utm y: 4506908.50262 Site id: NV4000000094230

Map ID Direction Distance

Site id:

NV400000094237

Elevation Database EDR ID Number A7 WSW **NV WELLS** NV400000094237 0 - 1/8 Mile Higher Well log: 104583 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: SP 12 Owner no: Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csnq diame: 2 Csng reduc: 0 Top perf: 10 20 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575214.830825 Utm x: Utm y: 4506917.57295

Map ID Direction Distance

Elevation Database EDR ID Number **A8** North **NV WELLS** NV400000094282 0 - 1/8 Mile Higher Well log: 104565 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: **SP 30** Owner no: Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csnq diame: 2 Csng reduc: 0 Top perf: 10 20 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575359.52744 Utm x: Utm y: 4507085.56463 Site id: NV4000000094282

Map ID Direction Distance Elevation

A9 West **NV WELLS** NV400000094252 0 - 1/8 Mile Higher Well log: 104599 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a:

Owner curr: UNION PACIFIC RAILROAD
Owner addr: HAMILTON & MAIN STREET II

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: IW 1

Parcel no: Not Reported Subdivisio: Lot no: Not Reported Block no: 10/01/2007 Well finis: Date cmplt: Gravel pac: Not Reported Depth seal: Depth dril: 15 Depth bedr: Aquifer de: Not Reported Depth case: Csnq diame: 2

Csng reduc: 2
Csng reduc: 0 Top perf:
Bottom per: 15 Perf inter:
Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Hours pump: 0
Test metho: Not Reported Qual const: G

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3:

Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1:

 Utm x:
 575208.946237

 Utm y:
 4506939.7164

 Site id:
 NV400000094252

Database

Not Reported

Not Reported

D

15

15

8

1

0

EDR ID Number

Map ID Direction Distance

Elevation Database EDR ID Number A10 West **NV WELLS** NV400000094250 0 - 1/8 Mile Higher Well log: 104597 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: TS 01 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 12 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575207.631841 Utm x: Utm y: 4506936.03957 Site id: NV4000000094250

Map ID Direction Distance

Site id:

NV4000000094251

Elevation Database EDR ID Number A11 West **NV WELLS** NV400000094251 0 - 1/8 Mile Higher Well log: 104598 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: TS 01P Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 6 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575207.631841 Utm x: Utm y: 4506936.03957

Map ID Direction Distance

Elevation Database EDR ID Number A12 West **NV WELLS** NV400000094248 0 - 1/8 Mile Higher Well log: 104601 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: IW<sub>3</sub> Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 2 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575203.464569 Utm x: Utm y: 4506930.44655 Site id: NV4000000094248

Map ID Direction Distance

Edit statu:

Gravel p 1:

Utm x: Utm y:

Site id:

0

575273.763353

4507079.14319

NV4000000094280

Elevation Database EDR ID Number A13 NNW **NV WELLS** NV400000094280 0 - 1/8 Mile Higher Well log: 104568 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: SP-05 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csnq diame: 2 Csng reduc: 0 Top perf: 10 20 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008

Well start:

Gravel p 2:

09/28/2007

Map ID Direction Distance

Elevation Database EDR ID Number B14 **NV WELLS** NV400000094246 West 0 - 1/8 Mile Higher Well log: 104595 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Not Reported Legal quar: Quarters s: Ref: MD Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: **TS 02P** Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 6 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575197.805036 Utm x: Utm y: 4506930.38918 Site id: NV4000000094246

Map ID Direction Distance

Elevation Database EDR ID Number B15 **NV WELLS** NV400000094247 West 0 - 1/8 Mile Higher Well log: 104596 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Not Reported Legal quar: Quarters s: Ref: MD Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: TS 02 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 12 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575197.805036 Utm x: Utm y: 4506930.38918 Site id: NV4000000094247

Map ID Direction Distance

Elevation Database EDR ID Number B16 **NV WELLS** NV400000094249 West 0 - 1/8 Mile Higher Well log: 104600 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Not Reported Legal quar: Quarters s: Ref: MD Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: IW<sub>2</sub> Owner no: Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 2 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575193.525254 Utm x: Utm y: 4506935.89659 Site id: NV4000000094249

Map ID Direction Distance

Site id:

NV4000000094244

Elevation Database EDR ID Number **B17 NV WELLS** NV4000000094244 West 0 - 1/8 Mile Higher Well log: 104593 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Not Reported Legal quar: Quarters s: Ref: MD Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: TS 03P Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 6 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575190.831096 Utm x: Utm y: 4506926.65499

Map ID Direction Distance

Elevation Database EDR ID Number B18 **NV WELLS** NV400000094245 West 0 - 1/8 Mile Higher Well log: 104594 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: TS 03 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 12 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575190.831096 Utm x: Utm y: 4506926.65499 Site id: NV4000000094245

Map ID Direction Distance

Elevation Database EDR ID Number A19 NW **NV WELLS** NV400000094275 0 - 1/8 Mile Higher Well log: 104559 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: PZ4 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 13 Depth dril: 13 Depth bedr: 0 Aquifer de: Not Reported Depth case: 13 Csnq diame: Csng reduc: 0 Top perf: 10 13 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575223.325082 Utm x: Utm y: 4507054.65226 Site id: NV4000000094275

Map ID Direction Distance

Utm y:

Site id:

4507054.65226

NV4000000094276

Database EDR ID Number Elevation A20 NW **NV WELLS** NV400000094276 0 - 1/8 Mile Higher Well log: 104569 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: SP-04 Owner no: Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csnq diame: 2 Csng reduc: 0 Top perf: 10 20 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 **AMORI** Date updat: 01/17/2008 Update use: Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575223.325082 Utm x:

Map ID Direction Distance

Utm y:

Site id:

4506922.83805

NV4000000094243

Elevation Database EDR ID Number B21 WSW **NV WELLS** NV400000094243 0 - 1/8 Mile Higher Well log: 104603 App: Not Reported 61480 R 557 Notice of: Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN STREET UPRR RAILYARD Owner addr: IW 5 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/01/2007 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 2 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported Contractor: 28363 **ENVIRONMENTAL WEST EXPLORATION INC** Contract 1: Contract 2: P O BOX 11095 SPOKANE WA 99211 Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 Edit statu: Well start: 09/28/2007 0 Gravel p 2: Gravel p 1: 575186.645808 Utm x:

Map ID Direction Distance

Database EDR ID Number Elevation C22 **NV WELLS** NV400000094199 South 0 - 1/8 Mile Lower Well log: 21437 App: Not Reported Notice of: Waiver no: Not Reported 0 08/07/1980 Date log r: Date log 1: D Site type: Ν Work type: Ν Work type: Not Reported Proposed u: Ζ Drilling m: Н Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DD SE SE Not Reported Legal quar: Quarters s: Ref: MD Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: EKLUND, LEW 7TH AND OAK, CARLIN Owner addr: Not Reported Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 06/28/1980 Well finis: Date cmplt: D Gravel pac: Not Reported Depth seal: 50 Depth bedr: Depth dril: 390 0 Aquifer de: Not Reported Depth case: 360 Csnq diame: 8 Csng reduc: 1 Top perf: 120 360 Perf inter: 2 Bottom per: Static wl: 55 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks ad: Not Reported Contractor: 12051 ELSING WELL DRLG Contract 1: **BOX 919 TWIN FALLS ID** Contract 2: Contract 3: Driller li: 1076 Source age: NV003 User id: **MTHORSON** Date entry: 06/14/2005 Update use: Not Reported Date updat: 06/03/1998 06/21/1980 Edit statu: F Well start: Gravel p 1: 0 Gravel p 2: 575343.562812 Utm x: Utm y: 4506797.93378 NV400000094199 Site id:

C23 South 0 - 1/8 Mile Lower

NV WELLS NV400000094198

Well log: 20497 30971 App: Notice of: 0 Waiver no: Not Reported

Date log r: 11/19/1979 Date log 1: D Site type: Ν Work type: Ν

**ADDITIONAL PERMIT 30987** Work type:

Proposed u: С Drilling m: Sc: 32007 На: 052 Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec quarte: 27 DD Sec:

SE SE Legal quar: Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: М

Owner curr: EKLUND, LW

SE CORNER OF CARLIN TOWNSITE Owner addr:

Owner no: Not Reported

Not Reported Subdivisio: Not Reported Parcel no: Not Reported Block no: Not Reported Lot no:

09/09/1979 Well finis: Date cmplt: D Gravel pac: Ν Depth seal: 0 Depth dril: 200 Depth bedr: 0 Aquifer de: Not Reported Depth case: 190

Csng diame: 12.75

Csng reduc: 0 Top perf: 50 Bottom per: 190 Perf inter: 1

Static wl: 8 Temperatur: 0 Yield: 70 100 Drawdown: Hours pump: 4

G Test metho: В Qual const:

G Qual lith:

Remarks ad: Not Reported Contractor: 10819

MUTH DRILLING CO Contract 1:

203 PINE ST ELKO NV 89801 Contract 2:

Contract 3: O

Lower

632 NV003 Driller li: Source age: User id: **MTHORSON** Date entry: 06/14/2005 Update use: Not Reported Date updat: 06/03/1998 08/11/1978 Edit statu: F Well start:

Gravel p 1: 0 Gravel p 2: 0

575343.562812 Utm x: Utm y: 4506797.93378 Site id: NV400000094198

C24 South **NV WELLS** NV400000094201 0 - 1/8 Mile

Well log: 83808 Not Reported App: Notice of: 38345 Waiver no: Not Reported

Date log r: 03/28/2001 Date log 1: D Ρ Site type: Ε Work type:

Work type: Not Reported

Proposed u: G Drilling m: U Sc: 32007 Ha: 051 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DD

NV003

NV003

Legal quar:SE SEQuarters s:Not ReportedRef:MDLatitude:40

Longitude: 116 Lat long s:
Lat long a: M

Owner curr: UNION PACIFIC RAILROAD
Owner addr: 413 MAIN ST CARLIN

Owner no: SP-26

Parcel no: 051-N33-E52-27 Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis:03/22/2001Date cmplt:DGravel pac:Not ReportedDepth seal:0Depth dril:0Depth bedr:0Aquifer de:Not ReportedDepth case:13

 Csng diame:
 2

 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:

Remarks ad: Not Reported Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING
Contract 2: PO BOX 5279 ELKO NV 89802-5279

Contract 2: PO BOX 5279 ELKC Contract 3: 0

Driller li: 2039 Source age: NV003 **DSPELTS** 08/06/2001 User id: Date entry: Update use: **DSPELTS** Date updat: 08/22/2001 Edit statu: F Well start: 03/22/2001

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575343.562812

 Utm y:
 4506797.93378

 Site id:
 NV400000094201

Lat long s:

0 - 1/8 Mile Lower

Longitude:

Well log: 71044 App: Not Reported Notice of: 31603 Waiver no: Not Reported

 Date log r:
 02/02/1998
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type: Not Reported

В Proposed u: G Drilling m: Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Rng: E52 52E Legal rng: Sec: 27 Sec quarte: DD

Legal quar:SE SEQuarters s:Not ReportedRef:MDLatitude:40

Lat long a: T

Owner curr: UNION PACIFIC RAILROAD
Owner addr: 10TH & RAIL ROAD

116

Owner addr: 10TH & RAILROAD Owner no: Not Reported

Parcel no: 002-182-018 Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis:01/13/1998Date cmplt:DGravel pac:YDepth seal:5

Depth dril: 20 Depth bedr: 0\_TC3481247.2s Page A-40

Aquifer de: Not Reported 20 Depth case:

Csnq diame:

Csng reduc: 0 Top perf: 5 20 Bottom per: Perf inter: 1

9 Static wl: 0 Temperatur: Yield: 0 Drawdown: 0 Hours pump: 0

G Test metho: Not Reported Qual const:

Qual lith: G

Remarks ad: Not Reported Contractor: 31386

WEST HAZMAT DRILLING CORP Contract 1:

12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 8011 Contract 2:

Contract 3: 0

Driller li: 2046 Source age: NV003 User id: **DBRANTLEY** Date entry: 05/01/1998 Date updat: Update use: Not Reported 06/03/1998 01/13/1998 Edit statu: F Well start: Gravel p 2: 20

Gravel p 1: 3 Utm x: 575343.562812

Utm y: 4506797.93378 NV400000094200 Site id:

WSW 0 - 1/8 Mile **NV WELLS** NV400000094240

Well log: 104591 App: Not Reported 61480 R 557 Notice of: Waiver no: Date log r: 10/22/2007 D Date log 1: Site type: Ε Work type: Ρ

Work type: Not Reported

U Proposed u: G Drilling m: 32007 052 Sc: На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

MD Latitude: Ref: 40

Longitude: 116 Lat long s: Not Reported

Lat long a:

Higher

Owner curr: UNION PACIFIC RAILROAD

HAMILTON & MAIN STREET UPRR RAILYARD Owner addr:

Owner no: TS 04P

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

10/01/2007 D Well finis: Date cmplt: Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15

Csng diame: 6

Csng reduc: 0 Top perf: 8 Bottom per: 15 Perf inter: 1

Static wl: 13 Temperatur: 53 0 Yield: Drawdown: 0

Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575183.791801

 Utm y:
 4506921.03288

 Site id:
 NV400000094240

Higher

104592 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type: Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a:

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: TS 04

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15

Csng diame: 12

Csng reduc: 0 Top perf: 8
Bottom per: 15 Perf inter: 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported 28363 Contractor:

**ENVIRONMENTAL WEST EXPLORATION INC** Contract 1:

P O BOX 11095 SPOKANE WA 99211 Contract 2:

Contract 3:

Driller li: Source age: NV003 01/16/2008 User id: **TDOMINGUEZ** Date entry: **AMORI** Date updat: 01/17/2008 Update use: Well start: 09/28/2007 Edit statu:

Gravel p 1: 0 Gravel p 2:

Utm x: 575183.791801 Utm y: 4506921.03288 Site id: NV4000000094241

B28 WSW 0 - 1/8 Mile **NV WELLS** NV400000094235

Higher

104589 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type: Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

SW SE Not Reported Legal quar: Quarters s:

MD Ref: Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a:

Owner curr: UNION PACIFIC RAILROAD

HAMILTON & MAIN STREET UPRR RAILYARD Owner addr:

TS 05 Owner no:

Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Depth case: 15

Aquifer de: Not Reported

Csng diame: 12 Csng reduc: 0 Top perf: 8 Bottom per: 15 Perf inter: 1

Static wl: 13 Temperatur: 53 0 Yield: 0 Drawdown: Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575175.382966

 Utm y:
 4506917.17315

 Site id:
 NV400000094235

B29
WSW
0 - 1/8 Mile
NV WELLS
NV400000094236

Higher

104590 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type: Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: TS 05P

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15

Csng diame: 6

Csng reduc: 0 Top perf: 8
Bottom per: 15 Perf inter: 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575175.382966

 Utm y:
 4506917.17315

 Site id:
 NV400000094236

B30
WSW
0 - 1/8 Mile
Higher

NV WELLS
NV400000094234

104604 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: IW 6

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15

Csng diame: 2

Csng reduc: 0 Top perf: 8
Bottom per: 15 Perf inter: 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575171.177421

 Utm y:
 4506915.35429

 Site id:
 NV400000094234

D31 North 0 - 1/8 Mile Higher

> 104564 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: SP-25

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D 20 Gravel pac: Not Reported Depth seal: Depth dril: Depth bedr: 20 0 Aquifer de: Not Reported Depth case: 20

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 20
 Perf inter:
 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

**NV WELLS** 

NV400000094294

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575335.171872

 Utm y:
 4507129.72352

 Site id:
 NV400000094294

\_\_\_\_\_

B32
WSW
0 - 1/8 Mile
Higher

NV WELLS
NV400000094231

104587 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: TS-06P

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: Depth bedr: 15 0 Aquifer de: Not Reported Depth case: 15

Csng diame: 6

Csng reduc: 0 Top perf: 8
Bottom per: 15 Perf inter: 1

Static wi: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575166.972999

 Utm y:
 4506913.42443

 Site id:
 NV400000094231

B33
WSW
0 - 1/8 Mile
NV WELLS
NV400000094232

Higher

104588 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a:

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: TS 06

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: Depth bedr: 15 0 Aquifer de: Not Reported Depth case: 15

Csng diame: 12

Csng reduc: 0 Top perf: 8
Bottom per: 15 Perf inter: 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575166.972999

 Utm y:
 4506913.42443

 Site id:
 NV400000094232

B34
WSW
0 - 1/8 Mile
Higher

NV WELLS
NV400000094227

104584 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type: Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: SP 22R

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not Reported

Well finis: 10/01/2007 Date cmplt: D 20 Gravel pac: Not Reported Depth seal: Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 20
 Perf inter:
 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575171.365238

 Utm y:
 4506896.8166

 Site id:
 NV400000094227

Higher

Well log: 104605 App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a:

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: IW 7

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: Depth bedr: 15 0 Aquifer de: Not Reported Depth case: 15

Csng diame: 2

Csng reduc: 0 Top perf: 8
Bottom per: 15 Perf inter: 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575164.092124

 Utm y:
 4506922.60953

 Site id:
 NV400000094242

C36
South
0 - 1/8 Mile
NV WELLS
NV400000094187

Lower

104580 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: SP 17

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D 20 Gravel pac: Not Reported Depth seal: Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 20
 Perf inter:
 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575309.157044

 Utm y:
 4506779.76033

 Site id:
 NV400000094187

B37 WSW 0 - 1/8 Mile Higher

> 104602 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: IW 4

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported Depth seal: 15 Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15

Csng diame: 2

Csng reduc: 0 Top perf: 8
Bottom per: 15 Perf inter: 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

**NV WELLS** 

NV400000094233

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575164.166344

 Utm y:
 4506915.28326

 Site id:
 NV400000094233

E38
NW
NV WELLS
NV400000094281
0 - 1/8 Mile

0 - 1/8 M Higher

> 104557 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: PZ 1

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D 13 Gravel pac: Not Reported Depth seal: Depth dril: 13 Depth bedr: 0 Aquifer de: Not Reported Depth case: 13

Csng diame: 4

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 13
 Perf inter:
 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported 28363 Contractor:

**ENVIRONMENTAL WEST EXPLORATION INC** Contract 1:

P O BOX 11095 SPOKANE WA 99211 Contract 2:

Contract 3:

Driller li: Source age: NV003 01/16/2008 **TDOMINGUEZ** User id: Date entry: Update use: **AMORI** Date updat: 01/17/2008 Well start: 09/28/2007 Edit statu:

Gravel p 1: 0 Gravel p 2:

Utm x: 575206.169058 4507080.34496 Utm y: Site id: NV4000000094281

B39 WSW 0 - 1/8 Mile Higher

> 104579 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Work type: Ρ

Site type: Ε Work type: Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

SW SE Not Reported Legal quar: Quarters s:

MD Ref: Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a:

Owner curr: UNION PACIFIC RAILROAD

HAMILTON & MAIN STREET UPRR RAILYARD Owner addr:

SP 28 Owner no:

Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D 20 Gravel pac: Not Reported Depth seal: Depth dril: 20 Depth bedr: 0 Depth case: 20

Aquifer de: Not Reported

Csng diame: 2 0 Csng reduc: Top perf: 10 Bottom per: 20 Perf inter: 1

Static wl: 13 Temperatur: 53 0 Yield: 0 Drawdown: Hours pump: 0

Test metho: Not Reported Qual const: G **NV WELLS** 

NV400000094220

Qual lith: G Remarks: NAD 27. Remarks ad: Not Reported 28363 Contractor:

**ENVIRONMENTAL WEST EXPLORATION INC** Contract 1:

P O BOX 11095 SPOKANE WA 99211 Contract 2:

Contract 3:

Driller li: Source age: NV003 01/16/2008 User id: **TDOMINGUEZ** Date entry: Update use: **AMORI** Date updat: 01/17/2008 Well start: 09/28/2007 Edit statu:

Gravel p 1: 0 Gravel p 2:

Utm x: 575178.779107 Utm y: 4506865.47433 Site id: NV4000000094220

D40 NNW 0 - 1/8 Mile **NV WELLS** NV400000094295

Higher

104563 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type: Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

SW SE Not Reported Legal quar: Quarters s:

MD Ref: Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a:

Owner curr: UNION PACIFIC RAILROAD

HAMILTON & MAIN STREET UPRR RAILYARD Owner addr:

SP 31 Owner no:

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D 20 Gravel pac: Not Reported Depth seal: Depth dril: 20 Depth bedr: 0 Depth case: 20

Aquifer de: Not Reported

Csng diame: 2 0 Csng reduc: Top perf: 10 Bottom per: 20 Perf inter: 1

Static wl: 13 Temperatur: 53 0 Yield: 0 Drawdown: Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575290.093894

 Utm y:
 4507134.8167

 Site id:
 NV400000094295

B41
WNW
0 - 1/8 Mile
NV WELLS
NV400000094263

Higher

104570 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: SP 03

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D 20 Gravel pac: Not Reported Depth seal: Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 20
 Perf inter:
 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575163.060906

 Utm y:
 4507024.40033

 Site id:
 NV400000094263

B42 West NV WELLS NV400000094254

West 0 - 1/8 Mile Higher

> Well log: 104553 App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type: Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: ICRW 3

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not ReportedWell finis:10/01/2007Date cmplt:D

Well finis:10/01/2007Date cmplt:DGravel pac:Not ReportedDepth seal:30Depth dril:30Depth bedr:0Aquifer de:Not ReportedDepth case:30

Csng diame: 12

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 30
 Perf inter:
 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575146.934894

 Utm y:
 4506948.41337

 Site id:
 NV400000094254

D.(A.

B43 WNW 0 - 1/8 Mile Higher

> 104558 Well log: App: Not Reported Notice of: 61480 R 557 Waiver no: 10/22/2007 Date log r: Date log 1: D Site type: Ε Work type: Ρ

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 Ha: 052 N33 33N Twn: Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: PZ 5

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D 13 Gravel pac: Not Reported Depth seal: Depth dril: 13 Depth bedr: 0 Aquifer de: Not Reported Depth case: 13

Csng diame: 4

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 13
 Perf inter:
 1

Static wi: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

**NV WELLS** 

NV400000094257

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575152.032218

 Utm y:
 4507003.97276

 Site id:
 NV400000094257

B44
WNW
0 - 1/8 Mile
Higher

NV WELLS
NV400000094261

Well log:79180App:Not ReportedNotice of:43604Waiver no:Not Reported

Date log r: 11/08/1999 Date log 1: D

Site type: E Work type: P

Work type : Not Reported

U Proposed u: Drilling m: U Sc: 32007 Ha: 051 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: D

Legal quar: SE Quarters s: Not Reported

Ref: MD Latitude: 40
Longitude: 116 Lat long s: NV003
Lat long a: M

Owner curr: UNION PACIFIC RAILROAD

Owner addr: 423 MAIN ST

Owner no: WARDLEIGH
Parcel no: 002-181-006

Parcel no:002-181-006Subdivisio:Not ReportedLot no:Not ReportedBlock no:Not ReportedWell finis:10/30/1999Date cmplt:D

Well finis:10/30/1999Date cmplt:DGravel pac:Not ReportedDepth seal:0Depth dril:30Depth bedr:0Aquifer de:Not ReportedDepth case:0

Csng diame: 0

Csng reduc: 0 Top perf: 0
Bottom per: 0 Perf inter: 0

Static wl: 15
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: Not Reported Contractor: 21976

LANG EXPLORATORY DRILLING Contract 1:

2286 W 1500 S SALT LAKE CITY UT 84104-4240 Contract 2:

Contract 3:

Driller li: 2085 Source age: NV003 03/24/2000 User id: **DBRANTLEY** Date entry: Not Reported 03/23/2000 Update use: Date updat: Edit statu: Well start: 10/30/1999

Gravel p 1: Gravel p 2:

Utm x: 575153.660551 Utm y: 4507011.87136 Site id: NV400000094261

B45 WNW **NV WELLS** NV400000094260

0 - 1/8 Mile Higher

> Well log: 78279 App: Not Reported 43605 Notice of: Waiver no: Not Reported

11/08/1999 Date log r: Date log 1: D Р Site type: Work type: Ε

Work type: Not Reported

U Proposed u: Drilling m: 051 32007 Sc: На: Twn: N33 Legal twn: 33N 52E Rng: E52 Legal rng: Sec: 27 Sec quarte: D

Legal quar: SE Quarters s: Not Reported

MD Latitude: 40 Ref: Lat long s: NV003 Longitude: 116

Lat long a: M

UNION PACIFIC RAILROAD Owner curr: 90 FT N OF 423 MAIN ST CARLIN Owner addr:

OLD RW-2 Owner no:

Not Reported Subdivisio: Parcel no: Not Reported Not Reported Lot no: Not Reported Block no:

Well finis: 10/30/1999 Date cmplt: D 0 Gravel pac: Υ Depth seal: Depth dril: 0 0 Depth bedr: Aquifer de: 30 Not Reported Depth case:

Csng diame: 16

Csng reduc: 0 Top perf: 0 Bottom per: 0 Perf inter: 0

Static wl: 0 Temperatur: 0 Yield: 0 0 Drawdown: Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad:

Contractor: 21976

LANG EXPLORATORY DRILLING Contract 1:

Not Reported

Contract 2: 2286 W 1500 S SALT LAKE CITY UT 84104-4240

Contract 3:

2085 NV003 Driller li: Source age: User id: **DSPELTS** Date entry: 01/27/2000 Update use: **DSPELTS** Date updat: 03/23/2000 Edit statu: 10/30/1999 F Well start:

Gravel p 1: 0 Gravel p 2:

 Utm x:
 575153.660551

 Utm y:
 4507011.87136

 Site id:
 NV400000094260

B46
WSW
0 - 1/8 Mile

0 - 1/8 Mile Higher

> 104577 Not Reported Well log: App: Notice of: 61480 Waiver no: R 557 Date log r: 10/22/2007 Date log 1: D Р Site type: Ε Work type:

Work type : Not Reported

Proposed u: U G Drilling m: Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Legal rng: 52E Rng: E52 Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: SP 19

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported Depth seal: 20 Depth dril: 20 Depth bedr: 0 20 Not Reported Aquifer de: Depth case:

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 20
 Perf inter:
 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported

Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575151.627273

 Utm y:
 4506902.16743

 Site id:
 NV400000094228

E47
NW NV WELLS NV400000094277

Top perf:

Perf inter:

10

1

0 - 1/8 Mile Higher

> 104554 Not Reported Well log: App: Notice of: 61480 Waiver no: R 557 Date log r: 10/22/2007 Date log 1: D Р Site type: Ε Work type: Work type: Not Reported

Proposed u: U G Drilling m: Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Legal rng: 52E Rng: E52 Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: PZ 6

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported Well finis: 10/01/2007 Date cmplt: D

Date cmplt: D Gravel pac: Not Reported Depth seal: 13 Depth dril: 13 Depth bedr: 0 Not Reported 13 Aquifer de: Depth case: Csng diame: 4

Csng reduc: 0
Bottom per: 13

 Static wl:
 13

 Temperatur:
 53

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575173.882578

 Utm y:
 4507065.25267

 Site id:
 NV400000094277

48 East FED USGS USGS3115017

1/8 - 1/4 Mile Lower

Agency cd: USGS Site no: 404240116025001

Site name: 052 N33 E52 27DDBA1 City of Carlin Shops Well

 Latitude:
 404242
 EDR Site id:
 USGS3115017

 Longitude:
 1160620
 Dec lat:
 40.71158448

-116.10646627 Coor meth: Dec Ion: M Coor accr: F Latlong datum: NAD27 Dec latlong datum: NAD83 District: 32 007 State: 32 County:

Country: US Land net: NWSESES27 T33N R52E M

Location map: CARLIN EAST, NV Map scale: 24000

Altitude: 4895.

Altitude method: Interpolated from topographic map

Altitude accuracy: 5

Altitude datum: National Geodetic Vertical Datum of 1929
Hydrologic: Upper Humboldt. Nevada. Area = 2720 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: 500. Hole depth: Not Reported

Source of depth data: reporting agency (generally USGS)

Project number: 473214900

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 count: 0
Peak flow data end date: 0000-00-00
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: 1938-04-09 Ground water data end date: 1996-04-21

Ground water data count: 214

Ground-water levels, Number of Measurements: 214

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1996-04-21	6.45		1995-04-04	7.62	
1994-04-20	8.39		1993-08-25	7.81	
1993-05-18	7.00		1990-09-13	8.39	
1990-04-12	7.80		1989-10-19	8.20	
1989-03-15	7.12		1988-10-27	8.42	
1981-03-18	7.44		1980-03-19	6.16	
1979-03-23	6.48		1978-04-10	6.5	
1977-03-08	7.36		1976-03-19	6.87	
1975-04-16	6.21		1974-04-03	6.73	
1973-04-25	6.51		1972-04-05	6.43	
1971-04-06	6.99		1970-03-24	7.14	
1969-04-28	4.74		1968-03-18	7.52	

	Feet below	Feet to		Feet below	Feet to
Date	Surface	Sealevel	Date	Surface	Sealeve
1966-09-28	7.90		1965-09-14	7.05	
1964-09-18	7.69		1963-09-19	7.66	
1962-09-19	7.74		1962-09-10	7.74	
1961-09-25	8.54		1961-09-23	8.54	
1960-08-16	7.70		1959-09-10	7.90	
1959-03-10	7.67		1958-09-03	7.19	
1958-06-20	5.85		1958-05-18	5.55	
1958-04-21	6.95		1958-03-19	7.15	
1958-02-20	7.38		1958-01-20	7.52	
1957-12-18	7.95		1957-10-21	7.18	
1957-09-21	6.80		1957-08-20	6.75	
1957-07-20	5.99		1957-06-20	4.50	
1957-05-20	5.25		1957-04-19	6.85	
1957-03-19	7.05		1957-02-22	7.25	
1957-01-21	7.45		1956-12-25	7.25	
1956-11-18	8.07		1956-10-20	7.37	
1956-09-21	7.25		1956-08-20	8.62	
1956-07-19	5.32		1956-06-20	4.52	
1956-05-19	4.28		1956-04-25	6.47	
1956-03-19	6.77		1956-02-18	7.05	
1956-01-18	7.10		1955-12-19	7.52	
1955-11-18	7.71		1955-10-19	7.69	
1955-09-19	7.72		1955-08-19	7.39	
1955-07-18	7.37		1955-06-18	7.15	
1955-04-21	7.45		1955-03-19	7.75	
1955-03-18	7.05		1955-02-21	7.84	
1955-01-20	8.88		1954-12-18	5.89	
1954-11-22	7.79		1954-10-22	7.29	
1954-09-23	7.09		1954-08-23	6.95	
1954-07-20	6.65		1954-06-20	6.15	
1954-05-18	6.29		1954-04-17	6.26	
1954-03-20	7.22		1954-02-25	7.45	
1954-01-20	7.90		1953-12-18	7.89	
1953-11-18	8.62		1953-10-19	7.45	
1953-09-20	7.55		1953-08-20	7.79	
1953-08-06	6.88		1953-08-01	5.15	
1953-06-20	3.31		1953-05-20	4.49	
1953-04-20	5.37		1953-03-19	5.47	
1953-02-20	5.79		1953-01-19	5.89	
1952-12-18	6.10		1952-11-19	6.08	
1952-10-17	6.96		1952-09-29	6.89	
1952-09-17	5.64		1952-09-02	5.37	
1952-06-17	3.47		1952-05-19	3.06	
1952-04-21	3.19		1952-03-24	5.37	
1952-02-25	5.75		1952-01-19	5.25	
1951-12-22	6.57 5.05		1951-10-19	6.15	
1951-09-19	5.95 5.47		1951-09-13	7.64	
1951-08-19	5.47		1951-07-20	4.84	
1951-06-19	4.51 2.51		1951-05-20	4.27	
1951-04-19	3.51		1951-03-18	2.90	
1951-02-20	2.77		1951-01-19	3.07	
1950-12-18	2.85		1950-11-25	3.16	
1950-10-19	6.13		1950-09-20	5.73	
1950-08-19	5.29		1950-06-20	3.44	
1950-05-20	4.65		1950-04-20	4.63	

Ground-wate	er levels, conti	nued. Feet to			Feet below	Feet to
Date	Surface	Sealevel	Date		Surface	Sealevel
1950-03-22	5.22		1950-0	 )2-20	3.92	
1950-01-19	3.18		1948-1	12-26	3.70	
1948-12-20	4.37		1948-1	11-19	5.31	
1948-11-11	5.67		1948-1	10-20	6.87	
1948-09-20	6.60		1948-0	)8-19	6.17	
1948-08-16	6.89		1948-0	7-28	7.35	
1948-07-26	5.75		1948-0	06-28	6.55	
1948-06-17	4.10		1948-0	)5-28	6.65	
1948-05-18	3.21		1948-0	)5-09	4.55	
1948-04-28	6.55		1948-0		5.01	
1948-03-28	5.95		1948-0		4.26	
1948-02-28	5.95		1948-0		5.27	
1948-01-28	5.15		1948-0		4.47	
1947-12-28	5.35		1947-1	11-28	7.45	
1947-10-28	8.75		1947-0		8.55	
1947-08-28	8.35		1947-0		7.45	
1947-06-28	6.75		1947-0		5.70	
1947-04-28	6.65		1947-0		6.25	
1947-02-26	4.90		1947-0		4.45	
1946-12-28	4.35		1946-1		4.25	
1946-10-28	7.55		1946-0		8.25	
1946-08-28	8.45		1946-0		7.25	
1946-06-28	7.05		1946-0	)5-28	5.95	
1946-04-28	5.60		1946-0	3-28	5.35	
1946-02-28	4.95		1946-0	)1	4.85	
1945-12-25	4.55		1945-1	11-28	4.65	
1945-10-28	8.45		1945-0	9-28	7.05	
1945-08-30	7.05		1945-0	7-28	6.65	
1945-06-29	5.85		1945-0	)5-28	5.65	
1945-04-28	6.05		1945-0	3-29	5.75	
1945-02-26	5.15		1945-0	1-28	4.45	
1944-12-26	4.60		1944-1	11-28	8.25	
1944-11-04	8.25		1944-1	10-01	9.05	
1944-09-01	7.85		1944-0	08-01	6.60	
1944-07-01	5.65		1943-0		5.75	
1942-11-01	8.85		1942-0	3-21	5.45	
1941-10-18	8.35		1941-0	04-01	6.35	
1940-11-13	8.55		1940-0	3-29	6.55	
1939-10-26	8.25		1939-0		5.05	
1938-10-20	7.65		1938-0	04-09	6.25	

E49 WNW 1/8 - 1/4 Mile Higher	NV WELLS	NV400000094264
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104561	App:	Not Reported
61480	Waiver no:	R 557
10/22/2007	Date log 1:	D
E	Work type:	Р
Not Reported	•	
G	Drilling m:	U
32007	Ha:	052
N33	Legal twn:	33N
E52	Legal rng:	52E
27	Sec quarte:	DC
	61480 10/22/2007 E Not Reported G 32007 N33 E52	61480 Waiver no: 10/22/2007 Date log 1: E Work type: Not Reported G Drilling m: 32007 Ha: N33 Legal twn: E52 Legal rng:

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: PZ 3

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not Reported

10/01/2007 Well finis: Date cmplt: D Not Reported Gravel pac: Depth seal: 13 Depth dril: 13 Depth bedr: 0 Aquifer de: Not Reported Depth case: 13 Csng diame: 4

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 13
 Perf inter:
 1

 Static wl:
 13

 Temperatur:
 53

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

Lower

NV003 Driller li: Source age: User id: **TDOMINGUEZ** Date entry: 01/16/2008 Update use: **AMORI** Date updat: 01/17/2008 F Well start: 09/28/2007 Edit statu: 0

Gravel p 1: 0 Gravel p 2: Utm x: 575133.403256

 Utm x:
 575133.403256

 Utm y:
 4507033.31422

 Site id:
 NV400000094264

WSW NV WELLS NV400000094218
1/8 - 1/4 Mile

Well log: 104578 App: Not Reported Notice of: 61480 Waiver no: R 557 Date log r: 10/22/2007 Date log 1: D Ρ Site type: Ε Work type:

Work type : Not Reported

Proposed u: G Drilling m: U 32007 052 Sc: На: 33N Twn: N33 Legal twn: 52E Rng: E52 Legal rng: 27 Sec quarte: DC Sec:

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: SP 23

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not Reported

10/01/2007 Well finis: Date cmplt: D Not Reported Gravel pac: Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20

 Csng diame:
 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 20
 Perf inter:
 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

Higher

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575148.134508

 Utm y:
 4506829.97197

 Site id:
 NV400000094218

B51
WNW NV WELLS NV400000094258
1/8 - 1/4 Mile

Well log: 104575 App: Not Reported Notice of: 61480 Waiver no: R 557 Date log r: 10/22/2007 Date log 1: D Ρ Site type: Ε Work type:

Work type : Not Reported

Proposed u: G Drilling m: U 32007 052 Sc: На: 33N Twn: N33 Legal twn: 52E Rng: E52 Legal rng: 27 Sec quarte: DC Sec:

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: SP 32

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

10/01/2007 Well finis: Date cmplt: D Not Reported Gravel pac: Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20

 Csng diame:
 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 20
 Perf inter:
 1

 Static wl:
 13

 Temperatur:
 53

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

Higher

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575111.145466

 Utm y:
 4507003.89177

 Site id:
 NV400000094258

B52
WSW
NV WELLS
NV400000094221
1/8 - 1/4 Mile

Well log: 104555 App: Not Reported Notice of: 61480 Waiver no: R 557 Date log r: 10/22/2007 Date log 1: D Ρ Site type: Ε Work type:

Work type : Not Reported

Proposed u: G Drilling m: U 32007 052 Sc: На: 33N Twn: N33 Legal twn: 52E Rng: E52 Legal rng: 27 Sec quarte: DC Sec:

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: 1

Owner curr: UNION PACIFIC RAILROAD

Owner addr: HAMILTON & MAIN STREET UPRR RAILYARD

Owner no: SP 27

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

10/01/2007 Well finis: Date cmplt: D Not Reported Gravel pac: Depth seal: 20 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20

 Csng diame:
 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 20
 Perf inter:
 1

Static wl: 13
Temperatur: 53
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G
Remarks: NAD 27.
Remarks ad: Not Reported
Contractor: 28363

Contract 1: ENVIRONMENTAL WEST EXPLORATION INC

Contract 2: P O BOX 11095 SPOKANE WA 99211

Contract 3: 0

Higher

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 TDOMINGUEZ
 Date entry:
 01/16/2008

 Update use:
 AMORI
 Date updat:
 01/17/2008

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575113.783911

 Utm y:
 4506885.13189

 Site id:
 NV400000094221

D53
North
NV WELLS
NV400000094312
1/8 - 1/4 Mile

Well log:37170App:Not ReportedNotice of:19236Waiver no:Not Reported

 Date log r:
 08/19/1991
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type : Not Reported

Proposed u: U Drilling m: В 32007 051 Sc: На: 33N Twn: N33 Legal twn: Rng: E52 Legal rng: 52E 27 Sec quarte: DA Sec:

Legal quar:NE SEQuarters s:Not ReportedRef:MDLatitude:40

Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: 10TH ST AND US 40 CARLIN NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 07/31/1991 Date cmplt: D Not Reported Gravel pac: Depth seal: 0 Depth dril: 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:
 0

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: WAIVER NO=MO297A

Contractor: 28767

Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

 Driller Ii:
 1605
 Source age:
 NV003

 User id:
 slclary
 Date entry:
 02/28/2003

 Update use:
 Not Reported
 Date updat:
 08/12/1999

 Edit statu:
 F
 Well start:
 09/10/2002

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575339.492267

 Utm y:
 4507198.78211

 Site id:
 NV400000094312

Lat long s:

NV003

1/8 - 1/4 Mile Higher

Longitude:

Well log: 37171 App: Not Reported Notice of: 19236 Waiver no: Not Reported

 Date log r:
 08/19/1991
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type: Not Reported

В Proposed u: G Drilling m: Sc: 32007 Ha: 051 N33 Legal twn: 33N Twn: Rng: E52 52E Legal rng: Sec: 27 Sec quarte: DA

Legal quar:NE SEQuarters s:Not ReportedRef:MDLatitude:40

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: 10TH AND US 40 CARLIN NV

116

Owner no: Not Reported
Parcel no: Not Reported Subdivisio:

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported Well finis: 07/31/1991 Date cmplt: D

Gravel pac: Y Depth seal: 33

Depth dril: 50 Depth bedr: 0TC3481247.2s Page A-70

Aquifer de: Not Reported Depth case: 35

Csng diame: 4.5

 Csng reduc:
 0
 Top perf:
 35

 Bottom per:
 50
 Perf inter:
 1

 Static wl:
 42

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks: PROP USE=MONITOR
Remarks ad: WAIVER NO=MO297B
Contractor: 28767
Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

Driller li: 1605 NV003 Source age: User id: slclary Date entry: 02/28/2003 Not Reported Update use: Date updat: 08/12/1999 Edit statu: Well start: 09/10/2002 Gravel p 1: 0 Gravel p 2:

Utm x: 575339.492267

Utm y: 4507198.78211 Site id: NV400000094313

D55
North
1/8 - 1/4 Mile
NV WELLS
NV400000094310

Well log: 36619

 Well log:
 36619
 App:
 Not Reported

 Notice of:
 11090
 Waiver no:
 Not Reported

 Date log r:
 06/21/1991
 Date log 1:
 D

Site type: N Work type: Work type: Not Reported

Proposed u: В G Drilling m: 051 Sc: 32007 На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E 27 Sec quarte: DA Sec:

Legal quar: NE SE Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: S PACIFIC TRNSPRTN CO
Owner addr: 101 RAILROAD ST CARLIN NV

Owner no: MW-07

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

 Well finis:
 06/06/1991
 Date cmplt:
 D

 Gravel pac:
 Y
 Depth seal:
 6

 Depth dril:
 31
 Depth bedr:
 0

Ν

Aquifer de: Not Reported Depth case: 27

Csng diame: 2

Csng reduc: 0 Top perf: 7
Bottom per: 22 Perf inter: 1

| Static wl: 12 | Temperatur: 0 | Yield: 0 | Drawdown: 0 | Hours pump: 0 |

Test metho: Not Reported Qual const: G

Qual lith:

Remarks: WAIVER NO=MO412
Remarks ad: PROPOSED USE = TEST
Contractor: 12852

Contract 1: WATER DEVELOPMENT CORP
Contract 2: 1202 KENTUCKY AVE WOODLAND CA

Contract 3: 0

 Driller Ii:
 1638
 Source age:
 NV003

 User id:
 RJMATHIS
 Date entry:
 02/28/2003

 Update use:
 GROENEWD
 Date updat:
 08/12/1999

 Edit statu:
 F
 Well start:
 09/10/2002

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575339.492267

 Utm y:
 4507198.78211

 Site id:
 NV400000094310

D56
North
1/8 - 1/4 Mile
NV WELLS
NV400000094311

Higher

Well log:36620App:Not ReportedNotice of:11090Waiver no:Not Reported

 Date log r:
 06/21/1991
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type: Not Reported

В Proposed u: G Drilling m: 051 Sc: 32007 На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E 27 Sec quarte: DA Sec:

Legal quar: NE SE Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: S PACIFIC TRNSPRTN CO
Owner addr: 101 RAILROAD ST CARLIN NV

Owner no: MW-06

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Aquifer de: Not Reported Depth case: 30

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 25
 Perf inter:
 1

Static wl: 13
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks: WAIVER NO=MO412
Remarks ad: PROPOSED USE = TEST
Contractor: 12852

Contract 1: WATER DEVELOPMENT CORP
Contract 2: 1202 KENTUCK AVE WOODLAND CA

Contract 3: 0

 Driller Ii:
 1638
 Source age:
 NV003

 User id:
 RJMATHIS
 Date entry:
 02/28/2003

 Update use:
 Not Reported
 Date updat:
 08/12/1999

 Edit statu:
 F
 Well start:
 09/10/2002

Gravel p 1: 0 Gravel p 2:

 Utm x:
 575339.492267

 Utm y:
 4507198.78211

 Site id:
 NV400000094311

D57
North
1/8 - 1/4 Mile

NV WELLS
NV400000094314

1/8 - 1/4 M Higher

Well log:37172App:Not ReportedNotice of:19236Waiver no:Not Reported

 Date log r:
 08/19/1991
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Site type: N Work type: I Work type: Not Reported

В Proposed u: G Drilling m: 051 Sc: 32007 На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E 27 Sec quarte: DA Sec:

Legal quar: NE SE Quarters s: Not Reported

Ref: MD Latitude: 40
Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: 10TH AND US 40 CARLIN NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Aquifer de: Not Reported 35 Depth case:

Csng diame: 4.5

Csng reduc: 0 Top perf: 35 Bottom per: 50 Perf inter: 1

Static wl: 42 0 Temperatur: Yield: 0 Drawdown: 0 Hours pump: 0

G Test metho: Not Reported Qual const:

Qual lith:

Remarks: PROP USE=MONITOR Remarks ad: WAIVER NO=MO297B Contractor: 28767 PC EXPLORATION Contract 1:

PO BOX 96 WOODS CROSS UT Contract 2:

Contract 3:

Driller li: 1605 NV003 Source age: User id: slclary Date entry: 02/28/2003 Update use: Not Reported Date updat: 08/12/1999 Edit statu: Well start: 09/10/2002

Gravel p 1: 0 Gravel p 2:

Utm x: 575339.492267 4507198.78211 Utm y: Site id: NV400000094314

**D58** North 1/8 - 1/4 Mile Higher **NV WELLS** NV400000094317

Not Reported Well log: 37175 App: Notice of: 19236 Waiver no: Not Reported

Date log r: 08/19/1991 Date log 1: D Site type: Ν Work type: Ν

Work type: Not Reported

Proposed u: В G Drilling m: 051 Sc: 32007 На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E 27 Sec quarte: DA Sec:

NE SE Quarters s: Not Reported Legal quar:

Latitude: Ref: MD 40 Longitude: 116 Lat long s: NV003

Lat long a:

Owner curr: **CHEVRON USA** 

10TH AND US 40 CARLIN NV Owner addr:

Not Reported Owner no:

Parcel no: Not Reported Subdivisio: Not Reported Not Reported Block no: Not Reported Lot no:

07/31/1991 Well finis: Date cmplt: D Gravel pac: Υ Depth seal: 33 Depth dril: 50 Depth bedr:

Aquifer de: Not Reported Depth case: 35

Csng diame: 4.5

 Csng reduc:
 0
 Top perf:
 35

 Bottom per:
 50
 Perf inter:
 1

Static wl: 42
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks: PROP USE=MONITOR
Remarks ad: WAIVER NO=MO297B
Contractor: 28767
Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

 Driller Ii:
 1605
 Source age:
 NV003

 User id:
 slclary
 Date entry:
 02/28/2003

 Update use:
 Not Reported
 Date updat:
 08/12/1999

 Edit statu:
 F
 Well start:
 09/10/2002

Gravel p 1: 0
Utm x: 575339.492267

Utm y: 4507198.78211 Site id: NV4000000094317

D59
North
1/8 - 1/4 Mile
Higher
NV WELLS
NV400000094318

Gravel p 2:

Well log:37176App:Not ReportedNotice of:19236Waiver no:Not Reported

 Date log r:
 08/19/1991
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Site type: N Work type: N
Work type: Not Reported

В Proposed u: G Drilling m: 051 Sc: 32007 На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E 27 Sec quarte: DA Sec:

Legal quar: NE SE Quarters s: Not Reported

Ref: MD Latitude: 40
Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: 10TH AND US 40 CARLIN NV

Owner no: Not Reported

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not Reported

Aquifer de: Not Reported Depth case: 35

Csng diame: 4.5

 Csng reduc:
 0
 Top perf:
 35

 Bottom per:
 50
 Perf inter:
 1

 Static wl:
 42

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks: PROP USE=MONITOR
Remarks ad: WAIVER NO=MO297B
Contractor: 28767
Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

Higher

 Driller Ii:
 1605
 Source age:
 NV003

 User id:
 slclary
 Date entry:
 02/28/2003

 Update use:
 Not Reported
 Date updat:
 08/12/1999

 Edit statu:
 F
 Well start:
 09/10/2002

Gravel p 1: 0 Utm x: 575339.492267

Utm y: 4507198.78211 Site id: NV400000094318

D60
North
1/8 - 1/4 Mile
NV WELLS
NV400000094315

Gravel p 2:

Well log:37173App:Not ReportedNotice of:19236Waiver no:Not Reported

 Date log r:
 08/19/1991
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Site type: N Work type: N Work type: N Not Reported

В Proposed u: G Drilling m: 051 Sc: 32007 На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E 27 Sec quarte: DA Sec:

Legal quar: NE SE Quarters s: Not Reported

Ref: MD Latitude: 40
Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: 10TH AND US 40 CARLIN NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Aquifer de: Not Reported Depth case: 35

Csng diame: 4.5

 Csng reduc:
 0
 Top perf:
 35

 Bottom per:
 50
 Perf inter:
 1

 Static wl:
 42

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks: PROP USE=MONITOR
Remarks ad: WAIVER NO=MO297B
Contractor: 28767
Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

 Driller Ii:
 1605
 Source age:
 NV003

 User id:
 slclary
 Date entry:
 02/28/2003

 Update use:
 Not Reported
 Date updat:
 08/12/1999

 Edit statu:
 F
 Well start:
 09/10/2002

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575339.492267

 Utm y:
 4507198.78211

 Site id:
 NV400000094315

D61
North
1/8 - 1/4 Mile
Higher

NV WELLS
NV400000094316

Well log:37174App:Not ReportedNotice of:19236Waiver no:Not Reported

 Date log r:
 08/19/1991
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Site type: N Work type: N Work type: N Work type: N

Proposed u: В G Drilling m: 051 Sc: 32007 На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E 27 Sec quarte: DA Sec:

Legal quar: NE SE Quarters s: Not Reported

Ref: MD Latitude: 40
Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: 10TH AND US 40 CARLIN NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

50

Aquifer de: Not Reported Depth case:

Csng diame: 4.5

 Csng reduc:
 0
 Top perf:
 35

 Bottom per:
 50
 Perf inter:
 1

Static wi: 42
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks: PROP USE=MONITOR
Remarks ad: WAIVER NO=MO297B
Contractor: 28767
Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

 Driller Ii:
 1605
 Source age:
 NV003

 User id:
 slclary
 Date entry:
 02/28/2003

 Update use:
 Not Reported
 Date updat:
 08/12/1999

 Edit statu:
 F
 Well start:
 09/10/2002

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575339.492267

 Utm y:
 4507198.78211

 Site id:
 NV400000094316

62 West FED USGS USGS3115020

1/8 - 1/4 Mile Higher

Agency cd: USGS Site no: 404244116064501

Site name: 052 N33 E52 27DCBC1 City Park Well

 Latitude:
 404244
 EDR Site id:
 USGS3115020

 Longitude:
 1160645
 Dec lat:
 40.71213991

 Dec lon:
 -116.11341089
 Coor meth:
 M

 Coor accr:
 F
 Latlong datum:
 NAD27

Coor accr:FLatlong datum:NAD2Dec latlong datum:NAD83District:32State:32County:007

Country: US Land net: NWSWSES27 T33N R52E M

Location map: CARLIN EAST, NV Map scale: 24000

Altitude: 4898.

Altitude method: Interpolated from topographic map

Altitude accuracy: 10

Altitude datum: National Geodetic Vertical Datum of 1929 Hydrologic: Upper Humboldt. Nevada. Area = 2720 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: Not Reported Hole depth: Not Reported

Source of depth data: Not Reported

Project number: 473214900

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: 1989-04-12

Water quality data end date:1989-04-12 Water quality data count: 1

Ground water data begin date: 0000-00-00 Ground water data end date: 0000-00-00

Ground water data count: 0

Ground-water levels, Number of Measurements: 0

F63
WSW NV WELLS NV400000094203

1/4 - 1/2 Mile Higher

Well log:33148App:Not ReportedNotice of:12912Waiver no:Not Reported

 Date log r:
 03/26/1990
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

 Work type :
 Not Reported
 N

Proposed u: В Χ Drilling m: 32007 049 Sc: На: Twn: N33 Legal twn: 33N E52 Legal rng: 52E Rng: Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported
Ref: MD Latitude: 40

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: SOUTHERN PACIFIC TRANSPORTATION

Owner addr: 4TH ST CARLIN NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 02/28/1990 Date cmplt: D 4 Gravel pac: Υ Depth seal: Depth dril: 20 0 Depth bedr: Aquifer de: Not Reported Depth case: 5

Csng diame: 2 Csng reduc: 0

Csng reduc:0Top perf:5Bottom per:20Perf inter:1

Static wl: 5.3
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: Not Reported Contractor: Not Reported

Contract 1: HARLAN D ANDRESEN

Contract 2: 1635 BELFORD RD RENO NV 89509

Contract 3: 0

 Driller Ii:
 1028
 Source age:
 NV003

 User id:
 TLELLIS
 Date entry:
 08/06/2001

 Update use:
 AMORI
 Date updat:
 12/22/2008

 Edit statu:
 F
 Well start:
 03/22/2001

Gravel p 1: 0 Gravel p 2: 0

Utm x: 574944.671682 Utm v: 4506793.94669 Site id: NV400000094203

wsw 1/4 - 1/2 Mile Higher

> 71040 Not Reported Well log: App: Notice of: 34206 Waiver no: Not Reported

Date log r: 02/27/1998 Date log 1: D Ν Site type: Ν Work type: Work type: Not Reported

Proposed u: G Drilling m: Sc: 32007 Ha:

049 N33 Legal twn: 33N Twn: Legal rng: 52E Rng: E52 Sec quarte: Sec: 27 DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MDLatitude: 40 NV003 Longitude: 116 Lat long s:

Lat long a:

UNION PACIFIC RAILROAD Owner curr:

Owner addr: 10TH & RAILROAD Not Reported Owner no:

Not Reported Subdivisio: Not Reported Parcel no: Lot no: Not Reported Block no: Not Reported

Well finis: 01/14/1998 Date cmplt: D Gravel pac: Υ Depth seal: 5 0 Depth dril: 20 Depth bedr:

20 Aquifer de: Not Reported Depth case: Csng diame: 4

Csng reduc: 0 Top perf: 5 Bottom per: 20 Perf inter: 1

Static wl: 2.9 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0

G Test metho: Not Reported Qual const:

Qual lith: G Remarks ad:

Not Reported Contractor: 31386

Contract 1: WEST HAZMAT DRILLING CORP

12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 8011 Contract 2:

Contract 3:

2046 NV003 Driller li: Source age: **DBRANTLEY** User id: Date entry: 05/01/1998 Not Reported Date updat: 01/16/2004 Update use: F Well start: 01/14/1998 Edit statu: Gravel p 1: Gravel p 2: 20

Utm x: 574944.666486 Utm y: 4506793.89393 NV400000094191 Site id:

**NV WELLS** 

В

NV400000094191

Map ID Direction Distance

Elevation Database EDR ID Number F65 WSW **NV WELLS** NV400000094192 1/4 - 1/2 Mile Higher Well log: 71041 App: Not Reported Notice of: 31604 Waiver no: Not Reported 02/02/1998 Date log r: Date log 1: D Site type: Ν Work type: Ν Work type: Not Reported Proposed u: G Drilling m: В Sc: 32007 049 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DC SW SE Quarters s: Not Reported Legal quar: MD Ref: Latitude: 40 NV003 Longitude: 116 Lat long s: Lat long a: Т Owner curr: UNION PACIFIC RAILROAD Owner addr: 10TH & RAILROAD Not Reported Owner no: 002-181-010 Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 01/12/1998 Well finis: Date cmplt: D Gravel pac: Depth seal: 2 Υ Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csnq diame: 2 Csng reduc: 0 Top perf: 5 20 Perf inter: Bottom per: 1 Static wl: 8.3 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks ad: Not Reported 31386 Contractor: WEST HAZMAT DRILLING CORP Contract 1: 12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 8011 Contract 2: Contract 3: Driller li: 2046 Source age: NV003 **DBRANTLEY** User id: Date entry: 05/01/1998 Update use: Not Reported Date updat: 01/16/2004 01/12/1998 Edit statu: F Well start: Gravel p 1: 4 Gravel p 2: 20 574944.666486 Utm x: 4506793.89393 Utm y: NV400000094192 Site id:

F66 WSW 1/4 - 1/2 Mile Higher

Well log: 31865 App: Not Reported Notice of: 0 Waiver no: Not Reported

 Date log r:
 06/21/1989
 Date log 1:
 D

 Site type:
 N
 Work type:
 S

Work type : Not Reported

Proposed u: В Drilling m: Х Sc: 32007 На: 052 Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec quarte: 27 DC Sec:

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: Not Reported

Owner curr: SOUTHRN PACIFIC TRANSPORTATION

Owner addr: CARLIN NV
Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

05/19/1989 Well finis: Date cmplt: D Gravel pac: Υ Depth seal: 0 Depth dril: 24 Depth bedr: 0 Aquifer de: Not Reported Depth case: 23

Csng diame: 2

Csng reduc: 0 Top perf: 8
Bottom per: 23 Perf inter: 1

 Static wl:
 5.8

 Temperatur:
 51.8

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks: LOCAL NUMBER UNKNOWN

Remarks ad: PROPOSED USE OF WELL IS TEST

Contractor: Not Reported

Contract 1: CHEN NORTHERN DRILLING
Contract 2: SALT LAKE CITY UTAH

Contract 3: 0

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 NAFLECKS
 Date entry:
 01/16/2008

 Update use:
 MDILLON
 Date updat:
 01/16/2004

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 574944.666486

 Utm y:
 4506793.89393

 Site id:
 NV400000094190

F67 WSW 1/4 - 1/2 Mile Higher

 Well log:
 27337
 App:
 47027

 Notice of:
 6499
 Waiver no:
 Not Reported

 Date log r:
 10/22/2007
 Date log 1:
 Not Reported

Site type: N Work type: N

Work type : Not Reported

Proposed u: С Drilling m: Ν Sc: 32007 На: 049 Twn: N33 Legal twn: 33N 52E Rng: E52 Legal rng: Sec quarte: 27 DC Sec:

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: SOUTHRN PACIFIC RAILROAD Owner addr: CARLIN RAILROAD YARD

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

05/25/1986 Well finis: Date cmplt: D Gravel pac: Υ Depth seal: 0 Depth dril: 27 Depth bedr: 0 Aquifer de: Not Reported Depth case: 27

Csng diame: 16

 Csng reduc:
 0
 Top perf:
 17

 Bottom per:
 27
 Perf inter:
 1

Static wl: 10
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: F

Qual lith:

Remarks: DIESEL FUEL EXTRACTION WELL

Remarks ad: Not Reported Contractor: 14410

Contract 1: R D REYNOLDS
Contract 2: WELLS NV
Contract 3: 1390

Driller li: 1390 Source age: NV003 User id: **NAFLECKS** Date entry: 01/16/2008 Update use: 01/17/2008 Not Reported Date updat: 09/28/2007 Edit statu: Well start: F

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 574944.666486

 Utm y:
 4506793.89393

 Site id:
 NV400000094188

F68 WSW 1/4 - 1/2 Mile Higher

Well log: 31864 App: Not Reported Notice of: 0 Waiver no: Not Reported

 Date log r:
 06/21/1989
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type : Not Reported

Proposed u: В U Drilling m: Sc: 32007 На: 052 Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec quarte: 27 DC Sec:

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: M

Owner curr: SOUTHRN PACIFIC TRANSPORTATION

Owner addr: CARLIN NV
Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

05/19/1989 Well finis: Date cmplt: D Gravel pac: Ν Depth seal: 0 Depth dril: 22 Depth bedr: 0 Aquifer de: Not Reported Depth case: 22

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 0

 Bottom per:
 0
 Perf inter:
 1

Static wl: 0
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: N

Qual lith: N

Remarks: DRILLED OUT CASING-FILLED W/NEAT CEMENT CONCRETE SEAL/LOCAL NO. UNKNOWN

Contractor: Not Reported

Contract 1: CHEN NORTHERN DRILLING
Contract 2: SALT LAKE CITY UTAH

Contract 3: 0

Higher

 Driller Ii:
 0
 Source age:
 NV003

 User id:
 NAFLECKS
 Date entry:
 01/16/2008

 Update use:
 MDILLON
 Date updat:
 01/16/2004

 Edit statu:
 F
 Well start:
 09/28/2007

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 574944.666486

 Utm y:
 4506793.89393

 Site id:
 NV400000094189

F69 WSW

WSW NV WELLS NV400000094196 1/4 - 1/2 Mile

TC3481247.2s Page A-84

Well log: 71205 Not Reported App: Notice of: 31604 Waiver no: Not Reported

02/02/1998 Date log r: Date log 1: D Site type: Ν Work type: Ν

Work type: Not Reported

В Proposed u: Drilling m: G Sc: 32007 049 Ha: Twn: N33 Legal twn: 33N 52E Rng: E52 Legal rng: Sec quarte: 27 DC Sec:

SW SE Legal quar: Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: Т

UNION PACIFIC RAILROAD Owner curr: 10TH & RAILROAD ST CARLIN NV Owner addr:

Owner no: Not Reported

Not Reported Subdivisio: Not Reported Parcel no: Not Reported Block no: Not Reported Lot no:

01/12/1998 Well finis: Date cmplt: D Gravel pac: Υ Depth seal: 2 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported 20 Depth case:

Csng diame: 2

Csng reduc: 0 Top perf: 5 Bottom per: 20 Perf inter: 1

Static wl: 12 Temperatur: 0 Yield: 0 0 Drawdown: Hours pump: 0

Test metho: Not Reported

G Qual const:

Qual lith: G

Remarks ad: Not Reported

Contractor: 31386

WEST HAZMAT DRILLING CORP Contract 1:

Contract 2: 12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 8011

Contract 3: O

2046 NV003 Driller li: Source age: User id: **KCOON** Date entry: 05/20/1998 Update use: user15 Date updat: 06/03/1998 01/12/1998 Edit statu: F Well start: Gravel p 2: Gravel p 1: 20

574944.666486 Utm x:

Utm y: 4506793.89393 Site id: NV400000094196

**WSW NV WELLS** NV400000094197 1/4 - 1/2 Mile

Higher

Well log: 84931 Not Reported App: Notice of: 47558 Waiver no: Not Reported

11/09/2001 Date log r: Date log 1: D Site type: Ν Work type: Ν

Work type: Not Reported

Drilling m: Proposed u: G Ζ 052 Sc: 32007 Ha: N33 Legal twn: 33N Twn: Legal rng: Rng: E52 52E Sec: 27 Sec quarte: DC

Lat long s:

NV003

SW SE Quarters s: Not Reported Legal quar: Ref: MD Latitude: 40

Longitude: 116 Lat long a: Μ

UNION PACIFIC RAILROAD Owner curr: 501 HAMILTON ST CARLIN Owner addr:

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Not Reported Block no: Not Reported Lot no:

11/07/2001 Well finis: Date cmplt: D Gravel pac: Υ Depth seal: 3 Depth dril: 24 Depth bedr: 0 Aquifer de: Not Reported Depth case: 21 Csng diame: 2

Csng reduc: 0 Top perf: 4 19 Perf inter: Bottom per: 1

Static wl: 4 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Not Reported Remarks ad: Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

2286 W 1500 S SALT LAKE CITY UT 84104-4240 Contract 2:

Contract 3:

Driller li: 2168 Source age: NV003 **DSPELTS** 12/17/2001 User id: Date entry: Update use: Not Reported Date updat: 06/03/1998 Edit statu: F Well start: 11/07/2001 3 Gravel p 2: Gravel p 1: 24

574944.666486 Utm x: Utm y: 4506793.89393 Site id: NV4000000094197

F71 WSW **NV WELLS** NV400000094195 1/4 - 1/2 Mile Higher

71190 Not Reported Well log: App: Notice of: 34208 Waiver no: Not Reported

Date log r: 02/02/1998 Date log 1: D Site type: Work type: Ν

Work type: Not Reported

Proposed u: G Drilling m: В Sc: 32007 Ha: 049 Legal twn: 33N Twn: N33 Rng: 52E E52 Legal rng: Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MDLatitude: 40 NV003 Longitude: 116 Lat long s:

Lat long a:

UNION PACIFIC RAILROAD Owner curr: Owner addr: 10TH & RR ST CARLIN NV

Owner no: Not Reported 002-182-009 Parcel no:

Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported Well finis: 01/13/1998 Date cmplt: D

Gravel pac: Depth seal:

Depth dril: 20 Depth bedr: 0 TC3481247.2s Page A-86

Aquifer de: Not Reported 20 Depth case:

Csnq diame:

Csng reduc: 0 Top perf: 5 20 Bottom per: Perf inter: 1

8 Static wl: 0 Temperatur: Yield: 0 Drawdown: 0 Hours pump: 0

G Test metho: Not Reported Qual const:

Qual lith: G

Remarks ad: Not Reported

Contractor: 31386

WEST HAZMAT DRILLING CORP Contract 1:

12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 8011 Contract 2:

Contract 3: 0

2046 Driller li: Source age: NV003 User id: **KCOON** Date entry: 05/20/1998 Date updat: Update use: user15 06/03/1998 01/13/1998 Edit statu: F Well start: 20

Gravel p 1: Gravel p 2:

Utm x: 574944.666486 4506793.89393 Utm y: NV4000000094195 Site id:

F72 WSW **NV WELLS** NV400000094193 1/4 - 1/2 Mile

Higher

Well log: 71042 App: Not Reported 34207 Not Reported Notice of: Waiver no:

Date log r: 02/02/1998 Date log 1: D Site type: Ν Work type: Ν

Work type: Not Reported

В Proposed u: G Drilling m: 32007 049 Sc: На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DC

SW SE Legal quar: Not Reported Quarters s:

MD Latitude: Ref: 40 NV003 Longitude: 116 Lat long s:

Lat long a:

Owner curr: UNION PACIFIC RAILROAD

Owner addr: 10TH & RAILROAD

Owner no: Not Reported

002-181-010 Subdivisio: Not Reported Parcel no: Lot no: Not Reported Block no: Not Reported

01/13/1998 D Well finis: Date cmplt: 5 Gravel pac: Υ Depth seal: 0 Depth dril: 20 Depth bedr: Aquifer de: Not Reported Depth case: 20

Csng diame: 2

0 5 Csng reduc: Top perf: Bottom per: 20 Perf inter: 1

Static wl: 9.04 Temperatur: 0 0 Yield: Drawdown: 0 Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: Not Reported Contractor: 31386

Contract 1: WEST HAZMAT DRILLING CORP

Contract 2: 12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 8011

Contract 3: 0

Driller li: 2046 Source age: NV003 User id: **DBRANTLEY** Date entry: 05/01/1998 Not Reported 01/16/2004 Update use: Date updat: 01/13/1998 Edit statu: Well start: Gravel p 1: Gravel p 2: 20

 Utm x:
 574944.666486

 Utm y:
 4506793.89393

 Site id:
 NV400000094193

F73
WSW
NV WELLS
NV400000094194

1/4 - 1/2 Mile Higher

Well log: 71189 App: Not Reported Notice of: 34206 Waiver no: Not Reported

 Date log r:
 02/02/1998
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type : Not Reported

В Proposed u: G Drilling m: 32007 049 Sc: На: Twn: N33 Legal twn: 33N 52E Rng: E52 Legal rng: Sec: 27 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: UNION PACIFIC RAILROAD
Owner addr: 10TH & RAILROAD ST CARLIN NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 01/14/1998 Date cmplt: D 2 Gravel pac: Υ Depth seal: Depth dril: 20 0 Depth bedr: Aquifer de: Not Reported 20 Depth case:

Csng diame: 4

 Csng reduc:
 0
 Top perf:
 5

 Bottom per:
 20
 Perf inter:
 1

Static wl: 9
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: Not Reported Contractor: 31382

Contract 1: WEST HAZNAT DRILLING CORP

Contract 2: 3233 FITZGERALD RD, RANCHO CORDOVA, CA 95742

Contract 3: 0

2046 NV003 Driller li: Source age: **KCOON** User id: Date entry: 05/20/1998 user15 Update use: Date updat: 06/03/1998 Edit statu: F Well start: 01/14/1998 Gravel p 1: 4 Gravel p 2: 20

TC3481247.2s Page A-88

 Utm x:
 574944.666486

 Utm y:
 4506793.89393

 Site id:
 NV400000094194

74
ESE
NV WELLS NV400000094202
1/4 - 1/2 Mile
Lower

Well log:32920App:Not ReportedNotice of:12908Waiver no:Not Reported

 Date log r:
 01/29/1990
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

 Work type :
 Not Reported

Proposed u: В Ρ Drilling m: Sc: 32007 Ha: 049 N33 Legal twn: 33N Twn: Legal rng: 52E Rng: E52 Sec quarte: Sec: 26 CC

Legal quar: SW SW Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: CITY OF CARLIN

Owner addr: SEWER TREATMENT FACILITY

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 12/20/1989 Date cmplt: D Gravel pac: Υ Depth seal: 3 0 Depth dril: 20 Depth bedr: 20 Not Reported Aquifer de: Depth case:

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 5

 Bottom per:
 15
 Perf inter:
 1

 Static wl:
 8.1

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G
Remarks ad: M/O-206
Contractor: Not Reported

Contract 1: HARLAN D ANDRESEN

Contract 2: 1635 BELFORD RD RENO NV 89509

Contract 3: 0

1028 NV003 Driller li: Source age: User id: **TLELLIS** Date entry: 08/06/2001 Not Reported Date updat: 08/22/2001 Update use: F Well start: 03/22/2001 Edit statu:

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575742.459216

 Utm y:
 4506801.99508

 Site id:
 NV400000094202

Map ID Direction Distance

Elevation Database EDR ID Number G75 WNW **NV WELLS** NV400000094303 1/4 - 1/2 Mile Higher Well log: 85234 App: Not Reported 47563 Notice of: Waiver no: Not Reported Date log r: 10/25/2001 Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DB NW SE Quarters s: Not Reported Legal quar: Ref: MD Latitude: 40 NV003 Longitude: 116 Lat long s: Lat long a: Owner curr: UNION PACIFIC RAILROAD Owner addr: 501 HAMILTON ST CARLIN SP-07 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/20/2001 Well finis: Date cmplt: D Gravel pac: Depth seal: 0 Ν Depth dril: 25 Depth bedr: 0 Aquifer de: Not Reported Depth case: 25 Csnq diame: 0 Csng reduc: 0 Top perf: 0 0 0 Perf inter: Bottom per: Static wl: 12 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks ad: Not Reported 21976 Contractor: LANG EXPLORATORY DRILLING Contract 1: 2286 W 1500 S SALT LAKE CITY UT 84104-4240 Contract 2: Contract 3: 2039 Driller li: Source age: NV003 **DSPELTS** User id: Date entry: 02/07/2002 **DSPELTS** Update use: Date updat: 02/27/2002 10/20/2001 Edit statu: F Well start: Gravel p 1: 0 Gravel p 2: 574964.080715 Utm x: 4507194.97923 Utm y: NV400000094303 Site id:

G76 WNW 1/4 - 1/2 Mile Higher

Well log: 85235 App: Not Reported Notice of: 47563 Waiver no: Not Reported

 Date log r:
 10/25/2001
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type : Not Reported

U Proposed u: Drilling m: G Sc: 32007 052 Ha: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec quarte: 27 DB Sec:

Legal quar: NW SE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: M
Owner curr: UNION PACIFIC RAILROAD

Owner addr: 501 HAMILTON ST CARLIN

Owner no: SP-13

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

10/20/2001 Well finis: Date cmplt: D Gravel pac: Ν Depth seal: 0 Depth dril: 14 Depth bedr: 0 Aquifer de: Not Reported Depth case: 14

Csng diame: 0

 Csng reduc:
 0
 Top perf:
 0

 Bottom per:
 0
 Perf inter:
 0

 Static wl:
 11

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: Not Reported

Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

Contract 2: 2286 W 1500 S SALT LAKE CITY UT 84104-4240

Contract 3: 0

Higher

2039 NV003 Driller li: Source age: User id: **DSPELTS** Date entry: 02/07/2002 Update use: **DSPELTS** Date updat: 02/27/2002 10/20/2001 Edit statu: F Well start:

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 574964.080715

 Utm y:
 4507194.97923

 Site id:
 NV400000094304

NV WELLS NV400000094301 1/4 - 1/2 Mile

Well log:85231App:Not ReportedNotice of:47563Waiver no:Not Reported

 Date log r:
 10/25/2001
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type: Not Reported

Drilling m: Proposed u: G U Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Legal rng: Rng: E52 52E Sec: 27 Sec quarte: DB

Lat long s:

NV003

Legal quar:NW SEQuarters s:Not ReportedRef:MDLatitude:40

Longitude: 116 Lat long a: M

Owner curr: UNION PACIFIC RAILROAD
Owner addr: 501 HAMILTON ST CARLIN

Owner no: SP-18

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

10/20/2001 Well finis: Date cmplt: D Gravel pac: Ν Depth seal: 0 Depth dril: 11 Depth bedr: 0 Aquifer de: Not Reported Depth case: 11 Csng diame: 0

Csng reduc: 0 Top perf: 0
Bottom per: 0 Perf inter: 0

Static wl: 10
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: Not Reported Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

Contract 2: 2286 W 1500 S SALT LAKE CITY UT 84104-4240

Contract 3: 0

2039 Driller li: Source age: NV003 **DSPELTS** 02/07/2002 User id: Date entry: Update use: Not Reported Date updat: 01/18/2008 Edit statu: F Well start: 10/20/2001

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 574964.080715

 Utm y:
 4507194.97923

 Site id:
 NV400000094301

G78
WNW NV WELLS NV400000094302

1/4 - 1/2 Mile Higher

Well log: 85233 App: Not Reported Notice of: 47563 Waiver no: Not Reported

 Date log r:
 10/25/2001
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type : Not Reported

В Proposed u: G Drilling m: Sc: 32007 Ha: 052 Legal twn: 33N Twn: N33 Rng: 52E E52 Legal rng: Sec: 27 Sec quarte: DB

Legal quar: NW SE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: M

Owner curr: UNION PACIFIC RAILROAD Owner addr: 501 HAMILTON ST CARLIN

Owner no: ICRW-6
Parcel no: Not Reported Subdivisio: Not Reported
Lot no: Not Reported Block no: Not Reported

Wall finite 100 (2004)

Well finis:10/20/2001Date cmplt:DGravel pac:YDepth seal:6

Depth dril: 29 Depth bedr: 0\_TC3481247.2s Page A-92

Aquifer de: Not Reported Depth case: 29

Csng diame: 6

Csng reduc: 0 Top perf: 9
Bottom per: 29 Perf inter: 1

 Static wl:
 12

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: Not Reported

Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

Contract 2: 2286 W 1500 S SALT LAKE CITY UT 84104-4240

Contract 3: 0

Driller li: 2039 Source age: NV003 User id: **DSPELTS** Date entry: 02/07/2002 **DSPELTS** Date updat: Update use: 02/27/2002 Edit statu: F Well start: 10/20/2001 Gravel p 1: Gravel p 2: 29

 Utm x:
 574964.080715

 Utm y:
 4507194.97923

 Site id:
 NV400000094302

G79
WNW
NV WELLS
1/4 - 1/2 Mile
Higher

Well log: 85236 App: Not Reported Notice of: 47563 Waiver no: Not Reported

 Date log r:
 10/25/2001
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Site type: E Work type: P
Work type: Not Reported

В Proposed u: G Drilling m: 32007 052 Sc: На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: DB

Legal quar: NW SE Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: M

Owner curr: UNION PACIFIC RAILROAD
Owner addr: 501 HAMILTON ST CARLIN

Owner no: SP-29

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

10/20/2001 D Well finis: Date cmplt: 3 Gravel pac: Υ Depth seal: 0 Depth dril: 20 Depth bedr: Aquifer de: Not Reported Depth case: 20

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 4

 Bottom per:
 19
 Perf inter:
 1

Static wl: 11
Temperatur: 0
Yield: 0
Drawdown: 0

Hours pump: 0

Test metho: Not Reported Qual const: G

NV400000094305

Qual lith: G

Remarks ad: Not Reported Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

Contract 2: 2286 W 1500 S SALT LAKE CITY UT 84104-4240

Contract 3: 0

Driller li: 2039 Source age: NV003 User id: **DSPELTS** Date entry: 02/07/2002 **DSPELTS** 02/27/2002 Update use: Date updat: Edit statu: Well start: 10/20/2001 F Gravel p 1: Gravel p 2: 20

 Utm x:
 574964.080715

 Utm y:
 4507194.97923

 Site id:
 NV400000094305

G80 WNW 1/4 - 1/2 Mile Higher

Well log: 87675 App: Not Reported Notice of: 50816 Waiver no: Not Reported

 Date log r:
 09/13/2002
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type : Not Reported

Ζ Proposed u: G Drilling m: 052 32007 Sc: На: Twn: N33 Legal twn: 33N 52E Rng: E52 Legal rng: Sec: 27 Sec quarte: DB

Legal quar: NW SE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: M
Owner curr: UNION PACIFIC RAILROAD

Owner curr: UNION PACIFIC RAILROAD
Owner addr: 501 HAMILTON ST CARLIN

Owner no: SP-16R

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 09/10/2002 Date cmplt: D 0 Gravel pac: Not Reported Depth seal: Depth dril: 0 Depth bedr: 15 Aquifer de: 15 Not Reported Depth case:

Csng diame: 2.375

 Csng reduc:
 0
 Top perf:
 0

 Bottom per:
 0
 Perf inter:
 1

Static wl: 10
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: Not Reported Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

Contract 2: 2286 W 1500 S SALT LAKE CITY UT 84104-4240

Contract 3: 0

1796 NV003 Driller li: Source age: User id: **TGALLAGHER** Date entry: 02/28/2003 Update use: **TGALLAGHER** Date updat: 03/12/2003 Edit statu: F Well start: 09/10/2002

Gravel p 1: 0 Gravel p 2: 0

**NV WELLS** 

NV400000094308

 Utm x:
 574964.080715

 Utm y:
 4507194.97923

 Site id:
 NV400000094308

\_\_\_\_

G81
WNW NV WELLS NV400000094309
1/4 - 1/2 Mile
Higher

Block no:

 Well log:
 87676
 App:
 Not Reported

 Notice of:
 50816
 Waiver no:
 Not Reported

 Date log r:
 09/13/2002
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Site type: E Work type:
Work type: Not Reported

Proposed u: Ζ G Drilling m: Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Legal rng: 52E Rng: E52 Sec: 27 Sec quarte: DB

Legal quar: NW SE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: M

Lot no:

Owner curr: UNION PACIFIC RAILROAD Owner addr: 501 HAMILTON ST CARLIN

Not Reported

Owner no: SP-15
Parcel no: Not Reported Subdivisio: Not Reported

Well finis:09/10/2002Date cmplt:DGravel pac:Not ReportedDepth seal:0Depth dril:0Depth bedr:0

Depth dril: 0 Depth bedr: 0
Aquifer de: Not Reported Depth case: 14

Csng diame: 2.375

 Csng reduc:
 0
 Top perf:
 0

 Bottom per:
 0
 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 ad: Not Reported Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

Contract 2: 2286 W 1500 S SALT LAKE CITY UT 84104-4240

Contract 3: 0

1796 NV003 Driller li: Source age: **TGALLAGHER** User id: Date entry: 02/28/2003 **TGALLAGHER** Date updat: 03/11/2003 Update use: F Well start: 09/10/2002 Edit statu: Gravel p 1: 0 Gravel p 2:

 Utm x:
 574964.080715

 Utm y:
 4507194.97923

 Site id:
 NV400000094309

Not Reported

Map ID Direction Distance

Elevation Database EDR ID Number G82 WNW **NV WELLS** NV400000094306 1/4 - 1/2 Mile Higher Well log: 85237 App: Not Reported Notice of: 47563 Waiver no: Not Reported Date log r: 10/25/2001 Date log 1: D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: В Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: DB NW SE Quarters s: Not Reported Legal quar: Ref: MD Latitude: 40 NV003 Longitude: 116 Lat long s: Lat long a: Owner curr: UNION PACIFIC RAILROAD 501 HAMILTON ST CARLIN Owner addr: ICRW-4 Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 10/20/2001 Well finis: Date cmplt: D Gravel pac: Υ Depth seal: 8 Depth dril: 29 Depth bedr: 0 Aquifer de: Not Reported Depth case: 29 Csnq diame: 6 Csng reduc: 0 Top perf: 9 29 Perf inter: Bottom per: 1 Static wl: 10 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks ad: Not Reported 21976 Contractor: LANG EXPLORATORY DRILLING Contract 1: 2286 W 1500 S SALT LAKE CITY UT 84104-4240 Contract 2: Contract 3: 2039 Driller li: Source age: NV003 **DSPELTS** User id: Date entry: 02/07/2002 **DSPELTS** Update use: Date updat: 02/27/2002 10/20/2001 Edit statu: F Well start: Gravel p 1: 8 Gravel p 2: 29 574964.080715 Utm x: 4507194.97923 Utm y: NV400000094306 Site id:

G83 WNW 1/4 - 1/2 Mile Higher

NV WELLS NV400000094307

Well log: 87674 App: Not Reported Notice of: 50816 Waiver no: Not Reported

 Date log r:
 09/13/2002
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type : Not Reported

Ζ Proposed u: Drilling m: G Sc: 32007 052 Ha: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec quarte: 27 DB Sec:

Legal quar: NW SE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: M

Owner curr: UNION PACIFIC RAILROAD
Owner addr: 501 HAMILTON ST CARLIN

Owner no: SP-21R

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis:09/10/2002Date cmplt:DGravel pac:Not ReportedDepth seal:0Depth dril:13Depth bedr:0Aquifer de:Not ReportedDepth case:13

Csng diame: 2.375

Csng reduc: 0 Top perf: 0
Bottom per: 0 Perf inter: 1

 Static wl:
 11

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: Not Reported

Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

Contract 2: 2286 W 1500 S SALT LAKE CITY UT 84104-4240

Contract 3: 0

1796 NV003 Driller li: Source age: User id: **TGALLAGHER** Date entry: 02/28/2003 Update use: **TGALLAGHER** Date updat: 03/12/2003 09/10/2002 Edit statu: F Well start:

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 574964.080715

 Utm y:
 4507194.97923

 Site id:
 NV400000094307

NNW NV WELLS NV400000094351

Higher

 Well log:
 39548
 App:
 47234

 Notice of:
 1540
 Waiver no:
 Not Reported

 Date log r:
 04/04/1985
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type: Not Reported

Proposed u: Drilling m: R 32007 Sc: Ha: 052 N33 Legal twn: 33N Twn: Legal rng: Rng: E52 52E Sec: 27 Sec quarte: CB

Legal quar: NW SW Quarters s: Not Reported

Ref: MD Latitude: 40
Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: ELKO CO SCHOOL DISTRICT
Owner addr: 1092 BURNS RD ELKO

Owner no: Not Reported

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not Reported

03/15/1985 Well finis: Date cmplt: D Gravel pac: Ν Depth seal: 821 Depth dril: 904 Depth bedr: 0 Aquifer de: Not Reported Depth case: 904 Csng diame: 8.62

Csng reduc: 1 Top perf: 823
Bottom per: 904 Perf inter: 1

Static wi: 38
Temperatur: 86
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: F

Qual lith:

Remarks: WELL DRILLER PLUGGED A GEOTHERMAL WELL / WATER LEVEL = APPROXIMATELY 300 GPM

Remarks ad: Not Reported Contractor: 14483

Contract 1: PAUL WILLIAMS

Contract 2: 22 SOUTH PATERSON SPARKS

Contract 3: 957

NV003 Driller li: 957 Source age: User id: **BJFOSTER** Date entry: 09/05/2008 Update use: **HFARNHAM** Date updat: 08/17/2004 F Well start: 11/30/1984 Edit statu:

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575103.299242

 Utm y:
 4507350.57556

 Site id:
 NV400000094351

G85
WNW NV WELLS NV400000094300
1/4 - 1/2 Mile

 Well log:
 71043
 App:
 Not Reported

 Notice of:
 31602
 Waiver no:
 Not Reported

Work type : Not Reported

Proposed u: G Drilling m: В 32007 051 Sc: На: 33N Twn: N33 Legal twn: 52E Rng: E52 Legal rng: 27 Sec quarte: DB Sec:

NW SE Quarters s: Not Reported Legal quar:

Ref: MD Latitude: 40 NV003 Longitude: 116 Lat long s:

Lat long a: Τ

UNION PACIFIC RAILROAD Owner curr: 10TH & RAILROAD

Owner addr: Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Not Reported Block no: Not Reported Lot no:

01/12/1998 Well finis: Date cmplt: D Gravel pac: Υ Depth seal: 5 Depth dril: 20 Depth bedr: 0 Aquifer de: Not Reported Depth case: 20 Csng diame: 2

0 Csng reduc: Top perf: 5 20 Perf inter: Bottom per: 1

Static wl: 13.9 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Not Reported Remarks ad: 31386 Contractor:

Contract 1: WEST HAZMAT DRILLING CORP

12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 8011 Contract 2:

Contract 3:

Driller li: 2046 Source age: NV003 **DBRANTLEY** 05/01/1998 User id: Date entry: Update use: Not Reported Date updat: 01/18/2008 Edit statu: F Well start: 01/12/1998

3 Gravel p 2: Gravel p 1: 20 574940.617495 Utm x:

Utm y: 4507194.74218 Site id: NV400000094300

**G86** WNW **NV WELLS** NV400000094319

1/4 - 1/2 Mile Higher

39740 47234 Well log: App: Notice of: Waiver no: Not Reported Date log r: 08/19/1991 Date log 1: Not Reported Ρ

Site type: Work type: Ε

Work type: Not Reported

Ζ Proposed u: U Drilling m: Sc: 32007 Ha: 052 Legal twn: 33N Twn: N33 Rng: 52E E52 Legal rng: Sec: 27 Sec quarte: **DBAA** Legal quar: NE NE NW SE Quarters s: Not Reported

Ref: MDLatitude: NV003 Longitude: 116 Lat long s:

Lat long a: т

ELKO COUNTY SCHOOL DISTRICT Owner curr:

Owner addr: Not Reported Not Reported Owner no:

Not Reported Parcel no: Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 07/31/1991 Well finis: Not Reported Date cmplt:

Gravel pac: Not Reported Depth seal:

Depth dril: Depth bedr: 0 TC3481247.2s Page A-99

0

Aquifer de: Not Reported Depth case:

Csng diame: 0

Csng reduc: 0 Top perf: 0
Bottom per: 0 Perf inter: 1

 Static wl:
 0

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: F

Qual lith:

Remarks ad: Not Reported Contractor: 10819

Contract 1: MUTH DRILLING CO

Contract 2: 203 PINE ST ELKO NV 89801

Contract 3: 0

 Driller li:
 0
 Source age:
 NV003

 User id:
 BJFOSTER
 Date entry:
 02/28/2003

 Update use:
 TDOMINGUEZ
 Date updat:
 12/01/2009

 Edit statu:
 F
 Well start:
 09/10/2002

Gravel p 1: 0 Gravel p 2:

 Utm x:
 574940.621114

 Utm y:
 4507194.95114

 Site id:
 NV400000094319

FRDS PWS NV0002092

1/4 - 1/2 Mile Higher

Pwsid: NV0002092 Epa region: 09
State: NV County: Eureka

Pws name: NEWMONT GOLD MILL 1

Population Served: 100 Pwssvcconn: 4

PWS Source: Groundwater
Pws type: NTNCWS
Status: Active

Status: Active Owner type: Private Facility id: 1541

Facility name: DISTRIBUTION SYSTEM

Facility type: Distribution\_system\_zone Treatment process: hypochlorination, post

Treatment objective: disinfection
Contact name: BILLIN, SAM
Original name: BILLIN, SAM

Contact phone: 775-753-4299 Contact address1: 825 RAILROAD STREET

Contact address2: Not Reported Contact city: ELKO Contact zip: 89801

Facility id: 3228

Facility name: STORAGE TANK 600K

Facility type: Storage Treatment process: hypochlorination, post

Treatment objective: disinfection

Facility id: 3229

Facility name: BOOSTER TANK 30K

Facility type: Storage Treatment process: hypochlorination, post

Treatment objective: disinfection

Facility id: 3230

Facility name: DISTRIBUTION SYSTEM CHLORINATOR

Facility type: Treatment\_plant Treatment process: hypochlorination, post

Treatment objective: disinfection

Facility id: 5433

Facility name: BOOSTER TANK 30K

Facility type: Storage Treatment process: hypochlorination, post

Treatment objective: disinfection

Facility id: 580

Facility name: LOWER WELL

Facility type: Well Treatment process: hypochlorination, post

Treatment objective: disinfection

Facility id: 960

Facility name: MIDDLE WELL EMERGENCY BACKUP ONLY

Facility type: Well Treatment process: hypochlorination, post

Treatment objective: disinfection

PWS ID: NV0002092

Date Initiated: 8001 Date Deactivated: Not Reported

PWS Name: NEWMONT GOLD MINE/WELL #1

P.O. BOX 669 CARLIN, NV 89822

Addressee / Facility: Not Reported

Facility Latitude: 40 42 50 Facility Longitude: 116 06 11

City Served: Not Reported

Treatment Class: Untreated Population: 00000250

Violations information not reported.

#### **ENFORCEMENT INFORMATION:**

Truedate: 03/31/2009 Pwsid: NV0002092

Pwsname: NEWMONT GOLD MILL 1

Retpopsrvd: 100 Pwstypecod: NTNC Vioid: 70906 Contaminant: TTHM

Viol. Type: Monitoring and Reporting Stage 1

Complerbe: 1/1/2005 0:00:00

Complperen: 12/31/2005 0:00:00 Enfdate: 10/10/2006 0:00:00

Enf action: State Public Notif Received

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NV0002092

Pwsname: NEWMONT GOLD MILL 1

Retpopsrvd: 100 Pwstypecod: NTNC Vioid: 70906 Contaminant: TTHM

Viol. Type: Monitoring and Reporting Stage 1

Complperbe: 1/1/2005 0:00:00

Compleren: 12/31/2005 0:00:00 Enfdate: 10/20/2006 0:00:00

Enf action: State Compliance Achieved

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NV0002092

Pwsname: NEWMONT GOLD MILL 1

Retpopsrvd: 100 Pwstypecod: NTNC Vioid: 71006 Contaminant: 2456

Viol. Type: Monitoring and Reporting Stage 1

Complperbe: 1/1/2005 0:00:00

Complperen: 12/31/2005 0:00:00 Enfdate: 10/10/2006 0:00:00

Enf action: State Public Notif Received

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NV0002092

Pwsname: NEWMONT GOLD MILL 1

Retpopsrvd: 100 Pwstypecod: NTNC Vioid: 71006 Contaminant: 2456

Viol. Type: Monitoring and Reporting Stage 1

Complperbe: 1/1/2005 0:00:00

Complperen: 12/31/2005 0:00:00 Enfdate: 10/20/2006 0:00:00

Enf action: State Compliance Achieved

Violmeasur: Not Reported

System Name: NEWMONT GOLD MILL 1
Violation Type: Monitoring and Reporting Stage 1

Contaminant: TTHM

Compliance Period: 1/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: 70906

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: NEWMONT GOLD MILL 1
Violation Type: Monitoring and Reporting Stage 1

Contaminant: TTHM

Compliance Period: 01/01/05 - 12/31/05

Violation ID: 70906

Enforcement Date: 10/20/06 Enf. Action: State Compliance Achieved

System Name: NEWMONT GOLD MILL 1
Violation Type: Monitoring and Reporting Stage 1

Contaminant: TTHM

Compliance Period: 01/01/05 - 12/31/05

Violation ID: 70906

Enforcement Date: 10/10/06 Enf. Action: State Public Notif Received

System Name: NEWMONT GOLD MILL 1
Violation Type: Monitoring and Reporting Stage 1

Contaminant: 2456

Compliance Period: 01/01/05 - 12/31/05

Violation ID: 71006

Enforcement Date: 10/20/06 Enf. Action: State Compliance Achieved

System Name: NEWMONT GOLD MILL 1
Violation Type: Monitoring and Reporting Stage 1

Contaminant: 2456

Compliance Period: 1/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: 71006

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: NEWMONT GOLD MILL 1
Violation Type: Monitoring and Reporting Stage 1

Contaminant: 2456

Compliance Period: 01/01/05 - 12/31/05

Violation ID: 71006

Enforcement Date: 10/10/06 Enf. Action: State Public Notif Received

#### **CONTACT INFORMATION:**

Name: NEWMONT GOLD MILL 1 Population: 100

Contact: FORSBERG, LYNN R Phone: 775-738-6816

Address: 461 NORTH CANYON ROAD NO 10
Address 2: FORSBERG CONSTRUCTION LLC
SPRING CREEK, NV 89815

SI MINO CILLIN, INV 09013

H88
North
1/4 - 1/2 Mile

NV WELLS
NV400000094420

Higher

Well log: 36127 App: Not Reported Notice of: 0 Waiver no: Not Reported

 Date log r:
 07/29/1991
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type : Not Reported

В Proposed u: G Drilling m: Sc: 32007 На: 050 33N Twn: N33 Legal twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: AD

Legal quar:SE NEQuarters s:Not ReportedRef:MDLatitude:40

Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: US HWY 40 & 10ST CARLIN NV

Owner no: Not Reported

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not Reported

 Well finis:
 09/21/1990
 Date cmplt:
 D

 Gravel pac:
 Y
 Depth seal:
 34

 Depth dril:
 44
 Depth bedr:
 0

 Aquifer de:
 Not Reported
 Depth case:
 34

Csng diame: 4.5

Csng reduc: 0 Top perf: 0
Bottom per: 0 Perf inter: 0

Static wl: 38
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: WAIVER NO = MO297A

Contractor: 28767

Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

 Driller Ii:
 1605
 Source age:
 NV003

 User id:
 BJFOSTER
 Date entry:
 02/07/2002

 Update use:
 Not Reported
 Date updat:
 11/14/2007

 Edit statu:
 F
 Well start:
 10/20/2001

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575358.883377

 Utm y:
 4507599.869

 Site id:
 NV400000094420

H89
North
1/4 - 1/2 Mile
NV WELLS
NV400000094421

Higher

Well log:38207App:Not ReportedNotice of:0Waiver no:Not Reported

 Date log r:
 06/01/1992
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

 Work type :
 Not Reported

Proposed u: В G Drilling m: Sc: 32007 Ha: 049 N33 Legal twn: 33N Twn: Legal rng: 52E Rng: E52 Sec: 27 Sec quarte: AD

Legal quar: SE NE Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: HWY 40 & 10TH ST CARLIN NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Date cmplt: Well finis: 02/20/1992 D Gravel pac: Not Reported Depth seal: 0 0 Depth dril: 0 Depth bedr: 0 Not Reported Aquifer de: Depth case:

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: F

Qual lith:

Remarks: PROP USE=MONITOR/PLUG/ABANDON

Remarks ad: WAIVER NO=MO297A

Contractor: 28767

Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

Driller li: 1605 Source age: NV003 **BJFOSTER** 02/07/2002 User id: Date entry: Update use: Not Reported Date updat: 11/14/2007 Edit statu: F Well start: 10/20/2001

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575358.883377

 Utm y:
 4507599.869

 Site id:
 NV400000094421

\_\_\_\_

H90 North 1/4 - 1/2 Mile Higher

NV400000094419

**NV WELLS** 

 Well log:
 36126
 App:
 Not Reported

 Notice of:
 0
 Waiver no:
 Not Reported

 Date log r:
 07/29/1991
 Date log 1:
 D

 Date log r:
 07/29/1991
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type: Not Reported Proposed u: G

В Drilling m: Sc: 32007 Ha: 050 N33 Legal twn: 33N Twn: Legal rng: 52E Rng: E52 Sec quarte: Sec: 27 AD Legal quar: SE NE Quarters s: Not Reported

Ref: MD Latitude: 40
Longitude: 116 Lat long s: NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: US HWY 40 & 10 ST CARLIN NV

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 09/21/1990 Date cmplt: D Gravel pac: Υ Depth seal: 34 Depth dril: 44 Depth bedr: 0 Aquifer de: Not Reported 34 Depth case:

Csng diame: 4.5

Csng reduc: 0 Top perf: 0
Bottom per: 0 Perf inter: 0

Static wl: 38
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: F

Qual lith:

Remarks ad: WAIVER NO = MO297A

Contractor: 28767

Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

1605 NV003 Driller li: Source age: User id: **BJFOSTER** Date entry: 02/07/2002 Not Reported Date updat: 11/14/2007 Update use: F Well start: 10/20/2001 Edit statu:

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575358.883377

 Utm y:
 4507599.869

 Site id:
 NV400000094419

Map ID Direction Distance

Database EDR ID Number Elevation H91 **NV WELLS** NV400000094417 North 1/4 - 1/2 Mile Higher Well log: 36124 App: Not Reported Notice of: Waiver no: Not Reported 0 Date log r: 07/29/1991 Date log 1: D Site type: Ν Work type: Ν Work type: Not Reported Proposed u: G Drilling m: В Sc: 32007 050 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: AD SE NE Quarters s: Not Reported Legal quar: Ref: MD Latitude: 40 NV003 Longitude: 116 Lat long s: Lat long a: Owner curr: **CHEVRON USA** US HWY 40 & 10 ST CARLIN Owner addr: Not Reported Owner no: Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported 09/21/1990 Well finis: Date cmplt: D Gravel pac: Depth seal: 34 Υ Depth bedr: Depth dril: 44 0 Aquifer de: Not Reported Depth case: 34 Csnq diame: 4.5 Csng reduc: 0 Top perf: 0 0 0 Perf inter: Bottom per: Static wl: 38 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0 F Test metho: Not Reported Qual const: Qual lith: Remarks ad: WAIVER NO = MO297A 28767 Contractor: Contract 1: PC EXPLORATION PO BOX 96 WOOD CROSS UT Contract 2: Contract 3: Driller li: 1605 Source age: NV003 User id: **BJFOSTER** Date entry: 02/07/2002 Update use: Not Reported Date updat: 11/14/2007 10/20/2001 Edit statu: F Well start: Gravel p 1: 0 Gravel p 2: 575358.883377 Utm x: Utm y: 4507599.869 NV4000000094417 Site id:

H92 North 1/4 - 1/2 Mile Higher

NV WELLS NV400000094418

Well log: 36125 App: Not Reported Notice of: 0 Waiver no: Not Reported

 Date log r:
 07/29/1991
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type : Not Reported

Proposed u: В Drilling m: G Sc: 32007 050 Ha: Twn: N33 Legal twn: 33N 52E Rng: E52 Legal rng: Sec quarte: 27 AD Sec:

Legal quar: SE NE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: T
Owner curr: CHEVRON USA

Owner addr: US HWY 40 & 10 ST CARLIN

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

09/21/1990 Well finis: Date cmplt: D Gravel pac: Υ Depth seal: 34 Depth dril: 44 Depth bedr: 0 Aquifer de: Not Reported Depth case: 34

Csng diame: 4.5

 Csng reduc:
 0
 Top perf:
 0

 Bottom per:
 0
 Perf inter:
 0

Static wl: 38
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Higher

Remarks ad: WAIVER NO = MO297A

Contractor: 28767

Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WDS CROSS UT

Contract 3: 0

1605 NV003 Driller li: Source age: 02/07/2002 User id: **BJFOSTER** Date entry: Update use: Not Reported Date updat: 11/14/2007 10/20/2001 Edit statu: F Well start:

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575358.883377

 Utm y:
 4507599.869

 Site id:
 NV400000094418

H93
North
NV WELLS
NV400000094425

Well log:85348App:Not ReportedNotice of:28666Waiver no:Not Reported

 Date log r:
 01/14/2002
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type : Not Reported

Proposed u: G Drilling m: В Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: AD

Lat long s:

NV003

Legal quar:SE NEQuarters s:Not ReportedRef:MDLatitude:40

Longitude: 116 Lat long a: M

Owner curr: PILOT CORPORATION
Owner addr: 791 10 TH ST CARLIN

Owner no: Not Reported

Parcel no: 002-030-028 Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 12/21/2001 Date cmplt: D Gravel pac: Υ Depth seal: 25 Depth dril: 60 Depth bedr: 0 Aquifer de: Not Reported Depth case: 59 Csng diame: 4.5

 Csng reduc:
 0
 Top perf:
 29

 Bottom per:
 59
 Perf inter:
 1

Static wi: 47
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: Not Reported Contractor: 43608

Contract 1: LAYNE CHRISTENSEN CO

Contract 2: 12030 E RIGGS RD CHANDLER AZ 85249

Contract 3: 0

Driller li: 1628 Source age: NV003 **DSPELTS** 02/15/2002 User id: Date entry: Update use: Not Reported Date updat: 11/14/2007 Edit statu: F Well start: 12/19/2001

Gravel p 1: 25 Gravel p 2: 59

 Utm x:
 575358.883377

 Utm y:
 4507599.869

 Site id:
 NV400000094425

H94 North NV WELLS NV400000094426

1/4 - 1/2 Mile Higher

Well log: 87908 App: Not Reported Notice of: 50815 Waiver no: Not Reported

 Date log r:
 09/20/2002
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type: Not Reported

В Proposed u: G Drilling m: Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Rng: E52 52E Legal rng: Sec: 27 Sec quarte: AD

Legal quar: SE NE Quarters s: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: M

Owner curr: PILOT CORPORATION
Owner addr: 791 10TH STREET, CARLIN, NV

Owner no: MW-01

Parcel no: 002-030-028 Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported Well finis: 09/12/2002 Date cmplt: D

Gravel pac: Y Depth seal: 25

Depth dril: 60 Depth bedr: 0 TC3481247.2s Page A-108

Aquifer de: Not Reported Depth case: 59

Csng diame: 4.5

 Csng reduc:
 0
 Top perf:
 29

 Bottom per:
 59
 Perf inter:
 1

 Static wl:
 47.5

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: Not Reported Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

Contract 2: 2286 W 1500 S SALT LAKE CITY UT 84104-4240

Contract 3: 0

Higher

Driller li: 2115 Source age: NV003 User id: **BMCCULLARS** Date entry: 03/13/2003 **MDILLON** Date updat: Update use: 04/14/2003 09/12/2002 Edit statu: F Well start:

Gravel p 1: 25 Gravel p 2: 59

 Utm x:
 575358.883377

 Utm y:
 4507599.869

 Site id:
 NV400000094426

Well log:38210App:Not ReportedNotice of:0Waiver no:Not Reported

 Date log r:
 06/01/1992
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type: E Work type: P
Work type: Not Reported

В Proposed u: G Drilling m: 32007 049 Sc: На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: ΑD

Legal quar: SE NE Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: HWY 40 & 10TH ST CARLIN NV

Owner no: Not Reported

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not ReportedWell finis:02/20/1992Date cmplt:D

Gravel pac: Not Reported Depth seal: 0
Depth dril: 0 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: 0
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: F

Qual lith:

Remarks: PROP USE=MONITOR/PLUG/ABANDON

Remarks ad: WAIVER NO=MO0297A

Contractor: 28767

Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

 Driller Ii:
 1605
 Source age:
 NV003

 User id:
 BJFOSTER
 Date entry:
 02/07/2002

 Update use:
 Not Reported
 Date updat:
 11/14/2007

 Edit statu:
 F
 Well start:
 10/20/2001

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575358.883377

 Utm y:
 4507599.869

 Site id:
 NV400000094424

H96 North 1/4 - 1/2 Mile Higher

Well log:38208App:Not ReportedNotice of:0Waiver no:Not Reported

 Date log r:
 06/01/1992
 Date log 1:
 D

 Site type:
 E
 Work type:
 P

Work type : Not Reported

В Proposed u: Drilling m: G Sc: 32007 Ha: 049 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: ΑD

Legal quar:SE NEQuarters s:Not ReportedRef:MDLatitude:40

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: CHEVRON USA

Owner addr: HWY 40 & 10TH ST CARLIN NV

Owner no: Not Reported Parcel no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis:02/20/1992Date cmplt:DGravel pac:Not ReportedDepth seal:0Depth dril:0Depth bedr:0Aquifer de:Not ReportedDepth case:0

Csng diame: 0

Csng reduc: 0 Top perf: 0
Bottom per: 0 Perf inter: 0

Static wi: 0
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: F

**NV WELLS** 

NV400000094422

Qual lith:

Remarks: PROP USE=MONITOR/PLUG/ABANDON

Remarks ad: WAIVER NO=MO0297A

28767 Contractor:

PC EXPLORATION Contract 1:

PO BOX 96 WOODS CROSS UT Contract 2:

Contract 3:

Driller li: 1605 Source age: NV003 **BJFOSTER** User id: Date entry: 02/07/2002 11/14/2007 Update use: Not Reported Date updat: 10/20/2001 Edit statu: Well start:

Gravel p 1: 0 Gravel p 2:

Utm x: 575358.883377 Utm y: 4507599.869 Site id: NV4000000094422

H97 **NV WELLS** North 1/4 - 1/2 Mile Higher

38209 Not Reported Well log: App: Not Reported Notice of: 0 Waiver no:

06/01/1992 Date log r: Date log 1: D

Site type: Ε Work type: Ρ

Work type: Not Reported

В Proposed u: Drilling m: G Sc: 32007 Ha: 049 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 27 Sec quarte: ΑD

SE NE Not Reported Legal quar: Quarters s: MD Ref: Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a:

Owner curr: **CHEVRON USA** 

HWY 40 & 10TH ST CARLIN NV Owner addr:

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 02/20/1992 Date cmplt: D 0 Gravel pac: Not Reported Depth seal: Depth bedr: 0

Depth dril: Aquifer de: Not Reported Depth case: 0

Csng diame:

0 Csng reduc: 0 Top perf: Bottom per: 0 Perf inter: 0

0 Static wl: Temperatur: 0 0 Yield: 0 Drawdown: Hours pump: 0

Test metho: Not Reported Qual const: F NV400000094423

Qual lith:

Remarks: PROP USE=MONITOR/TEST/ABANDON

Remarks ad: WAIVER NO=MO0297A

Contractor: 28767

Contract 1: PC EXPLORATION

Contract 2: PO BOX 96 WOODS CROSS UT

Contract 3: 0

 Driller Ii:
 1605
 Source age:
 NV003

 User id:
 BJFOSTER
 Date entry:
 02/07/2002

 Update use:
 Not Reported
 Date updat:
 11/14/2007

 Edit statu:
 F
 Well start:
 10/20/2001

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 575358.883377

 Utm y:
 4507599.869

 Site id:
 NV400000094423

98 SE 1/4 - 1/2 Mile NV WELLS NV400000094145

Lower

Well log:32919App:Not ReportedNotice of:12908Waiver no:Not Reported

 Date log r:
 01/29/1990
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type : Not Reported

В Proposed u: Drilling m: Sc: 32007 Ha: 049 N33 Legal twn: 33N Twn: Rng: E52 Legal rng: 52E Sec: 35 Sec quarte: BB

Legal quar:NW NWQuarters s:Not ReportedRef:MDLatitude:40

Lat long a:

Lat long s: NV003

Lat long a: T

Owner curr: CITY OF CARLIN

Owner addr: SEWER TREATMENT FACILITY

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

12/20/1989 Well finis: Date cmplt: D Gravel pac: Depth seal: 3 Υ Depth dril: 20 0 Depth bedr: Aquifer de: Not Reported Depth case: 20

Csng diame: 2

Csng reduc: 0 Top perf: 5
Bottom per: 15 Perf inter: 1

Static wl: 5.9
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G
Remarks ad: M/O-206
Contractor: Not Reported

Contract 1: HARLAN D ANDRESEN

Contract 2: 1635 BELFORD RD RENO NV 89509

Contract 3: 0

 Driller Ii:
 1028
 Source age:
 NV003

 User id:
 TLELLIS
 Date entry:
 01/07/2002

 Update use:
 Not Reported
 Date updat:
 10/03/2005

 Edit statu:
 F
 Well start:
 06/07/2001

Gravel p 1: 0 Gravel p 2:

 Utm x:
 575746.551015

 Utm y:
 4506401.14693

 Site id:
 NV400000094145

I99 NV WELLS NV400000094352

1/4 - 1/2 Mile Higher

 Well log:
 25314
 App:
 47234

 Notice of:
 2706
 Waiver no:
 Not Reported

 Date log r:
 05/07/1984
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type: Not Reported

Н Proposed u: Χ Drilling m: 32007 052 Sc: На: Twn: N33 Legal twn: 33N 52E Rng: E52 Legal rng:

Sec:27Sec quarte:Not ReportedLegal quar:Not ReportedQuarters s:Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: M

Owner curr: ELKO CO SCHOOL DIST

Owner addr: CARLIN HIGH SCHOOL FOOTBALL FIELD

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 04/03/1984 Date cmplt: D 0 Gravel pac: Ν Depth seal: Depth dril: 0 590 Depth bedr: Aquifer de: 590 Not Reported Depth case:

Csng diame: 1.25

 Csng reduc:
 0
 Top perf:
 0

 Bottom per:
 0
 Perf inter:
 1

Static wl: 59
Temperatur: 68
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: Not Reported Contractor: 14410

Contract 1: R D REYNOLDS DRILLING CO Contract 2: P O BOX 402 WELLS NV 89835

Contract 3: 0

NV003 Driller li: 1390 Source age: **MTHORSON** User id: Date entry: 06/14/2005 Update use: Not Reported Date updat: 08/17/2004 Edit statu: F Well start: 03/24/1984

Gravel p 1: 0 Gravel p 2: 0

TC3481247.2s Page A-113

 Utm x:
 574750.73686

 Utm y:
 4507408.68991

 Site id:
 NV400000094352

\_\_\_\_

1100 NW NV WELLS 1/4 - 1/2 Mile

1/4 - 1/2 Mile Higher

> 52158 Not Reported Well log: App: Notice of: 28659 Waiver no: MO-1048 Date log r: 06/14/1996 Date log 1: D Ν Site type: Ν Work type:

 Work type :
 Not Reported

 Proposed u:
 G
 Drilling m:
 B

 Sc:
 32007
 Ha:
 051

 Twn:
 N33
 Legal twn:
 33N

Rng:E52Legal rng:52ESec:27Sec quarte:Not ReportedLegal quar:Not ReportedQuarters s:Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: M

Owner curr: SOUTHERN PACIFIC

Owner addr: 10TH ST & RAILROAD ST CARLIN

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 05/29/1996 Date cmplt: D Gravel pac: Υ Depth seal: 3 0 Depth dril: 20 Depth bedr: 20 Not Reported Aquifer de: Depth case:

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 10

 Bottom per:
 20
 Perf inter:
 1

Static wl: 15
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: Not Reported

Contractor: 5380

Contract 1: BOYLES BROS DRILLING

Contract 2: 1707 S 4490 W SALT LAKE CITY UT

Contract 3: 0

1970 NV003 Driller li: Source age: User id: **KLOHAIR** Date entry: 08/08/1996 Not Reported Date updat: 08/17/2004 Update use: F Well start: 05/29/1996 Edit statu: Gravel p 1: 3 Gravel p 2: 20

 Utm x:
 574750.73686

 Utm y:
 4507408.68991

 Site id:
 NV400000094353

NV400000094353

Map ID Direction Distance

Database EDR ID Number Elevation 101 WNW **NV WELLS** NV400000094299 1/2 - 1 Mile Higher Well log: 104523 App: Not Reported R 557 Notice of: 61480 Waiver no: Date log 1: Date log r: 10/22/2007 D Site type: Ε Work type: Work type: Not Reported Proposed u: G Drilling m: U Sc: 32007 052 На: Twn: N33 33N Legal twn: E52 52E Rng: Legal rng: Sec: 27 Sec quarte: CA **NE SW** Not Reported Legal quar: Quarters s: Ref: MD Latitude: 40 Longitude: 116 Lat long s: Not Reported Lat long a: Owner curr: UNION PACIFIC RAILROAD HAMILTON & MAIN ST. UPRR RAILYARD Owner addr: Owner no: Not Reported Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported Well finis: 10/01/2007 Date cmplt: D Gravel pac: Not Reported 15 Depth seal: Depth dril: 15 Depth bedr: 0 Aquifer de: Not Reported Depth case: 15 Csnq diame: 2 Csng reduc: 0 Top perf: 8 15 Perf inter: Bottom per: 1 Static wl: 13 Temperatur: 53 Yield: 0 Drawdown: 0 Hours pump: 0 G Test metho: Not Reported Qual const: Qual lith: G Remarks ad: Not Reported 28363 Contractor: ENVIRONMENTAL WEST EXPLORATION INC Contract 1: P O BOX 11095 SPOKANE WA 99211 Contract 2: Contract 3: Driller li: Source age: NV003 User id: **TDOMINGUEZ** Date entry: 01/15/2008 AMORI Update use: Date updat: 01/18/2008 09/28/2007 Edit statu: Well start: Gravel p 1: 0 Gravel p 2: 574565.206016 Utm x: Utm y: 4507190.95949 NV400000094299 Site id:

102 ENE 1/2 - 1 Mile Higher

NV WELLS NV400000094324

Well log: 49708 Not Reported App: Notice of: 25538 Waiver no: MO246 08/23/1995 Date log r: Date log 1: D Site type: Ν Work type: Ν

Work type: Not Reported

Proposed u: Drilling m: Α G Sc: 32011 На: 049 Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec quarte: 26 CA Sec:

**NE SW** Quarters s: Not Reported Legal quar: Ref:

MD Latitude: 40 Longitude: 116 Lat long s: NV003 Lat long a: Т

NEWMONT GOLD CO Owner curr:

**CARLIN WETLANDS** Owner addr: Owner no: Not Reported

Not Reported Subdivisio: Not Reported Parcel no: Not Reported Block no: Not Reported Lot no: 08/18/1995 Well finis: Date cmplt: D

Gravel pac: Υ Depth seal: 10 Depth dril: 35 Depth bedr: 0 Aquifer de: Not Reported Depth case: 35

Csng diame: 1.25 Csng reduc: 0 Top perf: 25

Bottom per: 35 Perf inter: Static wl: 10 0 Temperatur:

Yield: 0 0 Drawdown: Hours pump: 0

G Test metho: Not Reported Qual const:

Qual lith: G Remarks: PROP USE=MONITOR

Remarks ad: Not Reported Contractor: 27434

OKEEFE DRILLING Contract 1:

PO BOX 3810 BUTTE MT Contract 2:

Contract 3: 0 Driller li: 1700 Source age: NV003 User id: **KLOHAIR** Date entry: 01/30/1996 Update use: 12/01/2009 Not Reported Date updat: 08/17/1995 Edit statu: Well start: F

10 35 Gravel p 1: Gravel p 2:

Utm x: 576160.388731 Utm y: 4507238.00166 NV400000094324 Site id:

103 West 1/2 - 1 Mile Higher

**NV WELLS** NV400000094259

Well log: 77038 Not Reported App: Notice of: 39974 Waiver no: Not Reported

06/22/1999 Date log r: Date log 1: D Ρ Site type: Ε Work type:

Work type: Not Reported

U Proposed u: Drilling m: G Sc: 32007 051 Ha: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec quarte: 27 С Sec:

SW Not Reported Legal quar: Quarters s:

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: M

A G I TECHNOLOGIES Owner curr: 4TH & HAMILTON ST Owner addr:

Owner no: Not Reported

02-014-001 Subdivisio: Not Reported Parcel no: Not Reported Block no: Not Reported Lot no:

06/16/1999 Well finis: Date cmplt: D Gravel pac: Depth seal: 0 Depth dril: 0 Depth bedr: 0 Aquifer de: Not Reported Depth case: 17

Csng diame: 2.375

Csng reduc: 0 Top perf: 0 Bottom per: 0 Perf inter: 0

Static wl: 0 Temperatur: 0 Yield: 0 0 Drawdown: Hours pump: 0

Test metho: Not Reported

G Qual const:

Qual lith: G

Remarks ad: Not Reported

Contractor: 21976

**BOART LONGYEAR** Contract 1:

2640 W 1700 S SALT LAKE CITY UT 84104-4240 Contract 2:

Contract 3: 0

Higher

NV003 Driller li: 1796 Source age: User id: **DBRANTLEY** Date entry: 10/22/1999 Update use: **DSDAVIS** Date updat: 01/24/2000 06/16/1999 Edit statu: F Well start:

Gravel p 1: 0 Gravel p 2: 0

574355.891261 Utm x: Utm y: 4507003.83321 Site id: NV400000094259

104 **NV WELLS** NV400000094416 1/2 - 1 Mile

Well log: 85232 Not Reported App: Notice of: 47563 Waiver no: Not Reported

10/25/2001 Date log r: Date log 1: D Ρ Site type: Ε Work type:

Work type: Not Reported

Proposed u: G Drilling m: В Sc: 32007 Ha: 052 N33 Legal twn: 33N Twn: Legal rng: Rng: E52 52E Sec: 27 Sec quarte:

Subdivisio:

Not Reported

Not Reported

SE NW Quarters s: Legal quar: Not Reported Ref: MD Latitude: 40 Lat long s: NV003

Longitude: 116 Lat long a:

UNION PACIFIC RAILROAD Owner curr:

Owner addr: 501 HAMILTON ST CARLIN Owner no: ICRW-5 Parcel no: Not Reported

Not Reported Not Reported Lot no: Block no: Well finis: 10/20/2001 Date cmplt: D Gravel pac: Υ Depth seal: 8

Depth dril: 30 Depth bedr: 0 Aquifer de: Not Reported Depth case: 29 Csng diame: 6

Csng reduc: 0 Top perf: 9 29 Perf inter: Bottom per: 1

Static wl: 12 Temperatur: 0 Yield: 0 Drawdown: 0 Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Not Reported Remarks ad: Contractor: 21976

Contract 1: LANG EXPLORATORY DRILLING

2286 W 1500 S SALT LAKE CITY UT 84104-4240 Contract 2:

Contract 3:

2039 Driller li: Source age: NV003 **DSPELTS** 02/07/2002 User id: Date entry: Update use: Not Reported Date updat: 11/14/2007 Edit statu: F Well start: 10/20/2001

Gravel p 2: 8 30 Gravel p 1: 574561.177015 Utm x:

Utm y: 4507591.80791 Site id: NV4000000094416

J105 **NV WELLS** NV400000094531 NNE

Lat long s:

1/2 - 1 Mile Higher

Longitude:

5595 20227 Well log: App: Notice of: Waiver no: Not Reported

Date log r: 12/05/1960 Date log 1: D Site type: Work type: Ν Ν

Work type: Not Reported

Proposed u: Drilling m: U Sc: 32007 Ha: 049 N33 Legal twn: 33N Twn: Rng: E52 52E Legal rng: Sec: 26 Sec quarte: BB

Legal quar: NW NW Quarters s: Not Reported

Ref: MDLatitude:

Lat long a: M

PUETT AND PUCCIO Owner curr:

116

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: 11/08/1960 Date cmplt: D Gravel pac: Not Reported Depth seal:

Depth dril: 200 Depth bedr: 0 TC3481247.2s Page A-118

Aquifer de: Not Reported Depth case: 136 Csng diame: 14

 Csng diame:
 14

 Csng reduc:
 1
 Top perf:
 36

 Bottom per:
 76
 Perf inter:
 1

 Static wl:
 23

 Temperatur:
 0

 Yield:
 300

 Drawdown:
 0

Test metho: P Qual const: G

Qual lith: G
Remarks ad: Not Reported

Contractor: Not Reported
Contract 1: LENNOX L MAULDIN
Contract 2: BEOWAWE NV

48

Hours pump:

1/2 - 1 Mile

Owner addr:

 Contract 3:
 0

 Driller Ii:
 340
 Source age:
 NV003

 User id:
 MTHORSON
 Date entry:
 06/14/2005

 Update use:
 Not Reported
 Date updat:
 11/22/2006

 Edit statu:
 F
 Well start:
 10/12/1960

 Gravel p 1:
 0
 Gravel p 2:
 0

Utm x: 575776.788363 Utm y: 4508035.85482 Site id: NV400000094531

 Higher

 Well log:
 6618

 App:
 Not Reported

Notice of: 0 Waiver no: Not Reported

 Date log r:
 07/02/1962
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type: N Work type: N
Work type: Not Reported

С Proposed u: S Drilling m: 32007 049 Sc: На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec: 26 Sec quarte: BB

Legal quar: NW NW Quarters s: Not Reported

Ref: MD Latitude: 40

Longitude: 116 Lat long s: Not Reported

Lat long a: M

Owner curr: MEIRHOFF, RALPH J

Not Reported

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported
Lot no: Not Reported Block no: Not Reported

 Well finis:
 05/29/1962
 Date cmplt:
 D

 Gravel pac:
 Not Reported
 Depth seal:
 0

 Depth dril:
 30
 Depth bedr:
 0

Aquifer de: Not Reported Depth case: 30 Csng diame: 13

 Csng reduc:
 0
 Top perf:
 12

 Bottom per:
 24
 Perf inter:
 1

 Static wl:
 16

Static wl: 16
Temperatur: 0
Yield: 0

Drawdown: 0
Hours pump: 0
Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: Not Reported Contractor: Not Reported

LENNOX L MAULDIN Contract 1: **BOX 115 BATTLE MTN NV** Contract 2:

Contract 3:

Driller li: 340 Source age: NV003 06/14/2005 User id: **MTHORSON** Date entry: Not Reported 11/22/2006 Update use: Date updat: Edit statu: Well start: 05/29/1962 Gravel p 1: Gravel p 2:

Utm x: 575776.788363

Utm y: 4508035.85482 Site id: NV400000094532

J107 **NV WELLS** NV400000094533 NNE

1/2 - 1 Mile Higher

> Well log: 6619 App: Not Reported Notice of: 0 Waiver no: Not Reported

07/02/1962 Date log r: Date log 1: D Work type: Site type: Ν Ν

Work type: Not Reported

С Proposed u: S Drilling m: 32007 049 Sc: На: Twn: N33 Legal twn: 33N 52E Rng: E52 Legal rng: Sec: 26 Sec quarte: BB

Legal quar: NW NW Quarters s: Not Reported

MD Latitude: 40 Ref:

Lat long s: Longitude: 116 Not Reported

Lat long a: M

MAULDIN, JOYCE AND CRAG Owner curr:

Not Reported Owner addr: Not Reported Owner no: Not Reported Parcel no:

Subdivisio: Not Reported Not Reported Lot no: Block no: Not Reported

Well finis: 05/28/1962 Date cmplt: D 0 Gravel pac: Not Reported Depth seal: Depth dril: 0 Depth bedr: 30 Aquifer de: 30 Not Reported Depth case:

Csng diame: 13

Csng reduc: 0 Top perf: 12 Bottom per: 18 Perf inter: 1

Static wl: 9 0 Temperatur: Yield: 0 0 Drawdown: Hours pump: 0

G Test metho: Not Reported Qual const:

Qual lith: G

Remarks ad: Not Reported Not Reported Contractor:

LENNOX L MAULDIN Contract 1: Contract 2: **BOX 115 BATTLE MTN NV** 

Contract 3:

NV003 Driller li: 340 Source age: **MTHORSON** User id: Date entry: 06/14/2005 Update use: Not Reported Date updat: 11/22/2006 Edit statu: Well start: F 05/28/1962

Gravel p 1: 0 Gravel p 2:

TC3481247.2s Page A-120

 Utm x:
 575776.788363

 Utm y:
 4508035.85482

 Site id:
 NV400000094533

East 1/2 - 1 Mile Lower

NV WELLS NV400000094217

 Well log:
 32923
 App:
 Not Reported

 Notice of:
 12908
 Waiver no:
 Not Reported

 Date log r:
 01/29/1990
 Date log 1:
 D

 Date log r:
 01/29/1990
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type : Not Reported

В Proposed u: Ρ Drilling m: Sc: 32007 Ha: 049 N33 Legal twn: 33N Twn: Legal rng: 52E Rng: E52 Sec: 26 Sec quarte: DC

Legal quar: SW SE Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: CITY OF CARLIN

Owner addr: SEWER TREATMENT FACILITY

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 12/19/1989 Date cmplt: D Gravel pac: Υ Depth seal: 3 0 Depth dril: 20 Depth bedr: 20 Not Reported Aquifer de: Depth case:

Csng diame: 2

Csng reduc: 0 Top perf: 5
Bottom per: 15 Perf inter: 1

Static wl: 9.2
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith:

Remarks ad: Not Reported Contractor: Not Reported

Contract 1: HARLAN D ANDRESEN

Contract 2: 1635 BELFORD RD RENO NV 89509

Contract 3: 0

1028 NV003 Driller li: Source age: User id: **TLELLIS** Date entry: 04/22/1997 Not Reported Date updat: 02/03/2006 Update use: F 07/22/1996 Edit statu: Well start:

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 576539.934176

 Utm y:
 4506841.01653

 Site id:
 NV400000094217

Map ID Direction Distance

Elevation Database EDR ID Number

109
West FED USGS USGS3115022
1/2 - 1 Mile

Higher

Agency cd: USGS Site no: 404249116072101

Site name: 052 N33 E52 28BCA 1 Hot Sp, near Carlin

Latitude: 404249 EDR Site id: USGS3115022 Longitude: 1160721 Dec lat: 40.71352861 Dec Ion: -116.12341117 Coor meth: Μ Coor accr: U Latlong datum: NAD27

Dec latlong datum: NAD83 District: 32 State: 32 County: 007

Country: US Land net: NESWNWS28 T33N R52E M

Location map: Not Reported Map scale: Not Reported

Altitude: Not Reported
Altitude method: Not Reported
Altitude accuracy: Not Reported
Altitude datum: Not Reported

Hydrologic: Upper Humboldt. Nevada. Area = 2720 sq.mi.

Topographic: Not Reported

Site type: Spring Date construction: Not Reported

Date inventoried: Not Reported Mean greenwich time offset: PST

Local standard time flag: Y
Type of ground water site: Spring
Aquifer Type: Not Reported
Aquifer: Not Reported

Well depth: Not Reported Hole depth: Not Reported

Source of depth data: Not Reported Project number: Not Reported

Daily flow data begin date: Not Reported Real time data flag: Not Reported Daily flow data end date: Not Reported Daily flow data count: Not Reported Peak flow data begin date: Not Reported Peak flow data end date: Not Reported Peak flow data count: Not Reported Water quality data begin date: Not Reported Water quality data end date: Not Reported Water quality data count: Not Reported Not Reported Ground water data begin date: Not Reported Ground water data end date:

Ground water data count: Not Reported

Ground-water levels, Number of Measurements: 0

110

Higher

49059 Not Reported Well log: App: MO246 Notice of: 25537 Waiver no: Date log r: 08/23/1995 Date log 1: D Ν Site type: Ν Work type:

Work type: Not Reported

Proposed u: G Drilling m: Α 32011 049 Sc: На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec: 26 Sec quarte: DB

Legal quar:NW SEQuarters s:Not ReportedRef:MDLatitude:40Longitude:116Lat long s:NV003

Longitude: 116 Lat long a: T

Owner curr: NEWMONT GOLD CO
Owner addr: CARLIN WETLANDS

Owner no: Not Reported

Parcel no:Not ReportedSubdivisio:Not ReportedLot no:Not ReportedBlock no:Not ReportedWell finis:08/20/1995Date cmplt:D

Gravel pac: Y Depth seal: 10
Depth dril: 40 Depth bedr: 0
Aquifer de: Not Reported Depth case: 40
Csng diame: 1.25

 Csng reduc:
 0
 Top perf:
 30

 Bottom per:
 40
 Perf inter:
 1

 Static wl:
 10

 Static wi:
 10

 Temperatur:
 0

 Yield:
 0

 Drawdown:
 0

 Hours pump:
 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks: PROP USE=MONITOR
Remarks ad: Not Reported

Contractor: 27434

Contract 2: OKEEFE DRILLING
Contract 2: PO BOX 3810 BUTTE I

Contract 2: PO BOX 3810 BUTTE MT Contract 3: 0

1700 NV003 Driller li: Source age: User id: **KLOHAIR** Date entry: 12/08/1995 Update use: Not Reported Date updat: 12/01/2009 F Well start: 08/18/1995 Edit statu: Gravel p 2: 40 Gravel p 1: 10

 Utm x:
 576559.262082

 Utm y:
 4507242.1072

 Site id:
 NV400000094325

111
NW NV WELLS NV400000094524
1/2 - 1 Mile
Higher

 Well log:
 30646
 App:
 52266

 Notice of:
 7966
 Waiver no:
 Not Reported

 Date log r:
 11/17/1988
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

 Work type :
 Not Reported
 N

Proposed u: Ρ Drilling m: R 32011 052 Sc: На: 33N Twn: N33 Legal twn: Rng: 52E E52 Legal rng: 27 Sec quarte: ВА Sec:

**NE NW** Quarters s: Legal quar: Not Reported

Ref: MD Latitude: 40 Longitude: 116 Lat long s: NV003

Lat long a: Τ

CITY OF CARLIN Owner curr:

Owner addr: 101 S EIGHTH CARLIN NV 89822

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Block no: Not Reported Not Reported Lot no: Well finis: 08/24/1988 Date cmplt: D 153 Gravel pac: Υ Depth seal: Depth dril: 654 Depth bedr: 0 Aquifer de: Not Reported Depth case: 654

Csng diame: 12.75

Csng reduc: 0 Top perf: 207 Perf inter: Bottom per: 649 2

Static wl: 165 Temperatur: 0 Yield: 1200 Drawdown: 5 Hours pump: 48

Test metho: Ρ Qual const: G

Qual lith: G

Remarks ad: Not Reported Contractor: 21246

Contract 1: SARGENT IRRIGATION INC Contract 2: P O BOX 2646 ELKO NV 89801

Contract 3: 1391

Driller li: 1493 Source age: NV003 **NAFLECKS** 07/26/2001 User id: Date entry: Update use: Not Reported Date updat: 11/22/2006 Edit statu: F Well start: 04/17/2001

Gravel p 2: 0 Gravel p 1: 574557.147716 Utm x:

Utm y: 4507992.65658 Site id: NV4000000094524

K112 ESE **NV WELLS** NV400000094146

1/2 - 1 Mile Higher

> 32921 Not Reported Well log: App: Notice of: 12909 Waiver no: Not Reported

Date log r: 01/29/1990 Date log 1: D Site type: Work type: Ν

Work type: Not Reported

Proposed u: Drilling m: В Sc: 32007 Ha: 049 N33 Legal twn: 33N Twn: Rng: E52 52E Legal rng: Sec: 35 Sec quarte: AΒ

Legal quar: NW NE Quarters s: Not Reported Ref:

MDLatitude: 40 NV003 Longitude: 116 Lat long s:

Lat long a:

CITY OF CARLIN Owner curr:

Owner addr: SEWER TREATMENT FACILITY

Owner no: Not Reported Parcel no: Not Reported

Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported Well finis: 12/19/1989 Date cmplt: D

Gravel pac: Depth seal:

Depth dril: 19 Depth bedr: 0 TC3481247.2s Page A-124

Aquifer de: Not Reported Depth case: 19

Csng diame: 2

Csng reduc: 0 Top perf: 4
Bottom per: 14 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 ad: M/O-206
Contractor: Not Reported

Contract 1: HARLAN D ANDRESEN

Contract 2: 1635 BELFORD RD RENO NV 89509

Contract 3: 0

Higher

Driller li: 1028 Source age: NV003 User id: **TLELLIS** Date entry: 01/07/2002 Update use: Not Reported Date updat: 10/03/2005 Edit statu: F Well start: 06/07/2001

Gravel p 1: 0 Gravel p 2: 0

 Utm x:
 576544.387163

 Utm y:
 4506409.33372

 Site id:
 NV400000094146

K113
ESE NV WELLS NV400000094147
1/2 - 1 Mile

Well log:32922App:Not ReportedNotice of:12909Waiver no:Not Reported

 Date log r:
 01/21/1990
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type: N Work type: N
Work type: Not Reported

В Proposed u: Drilling m: 32007 049 Sc: На: Twn: N33 Legal twn: 33N Rng: E52 Legal rng: 52E Sec: 35 Sec quarte: AΒ

Legal quar: NW NE Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: CITY OF CARLIN

Owner addr: SEWER TREATMENT FACILITY

Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

12/19/1989 D Well finis: Date cmplt: 3 Gravel pac: Υ Depth seal: 0 Depth dril: 19 Depth bedr: Aquifer de: Not Reported Depth case: 19

Csng diame: 2

 Csng reduc:
 0
 Top perf:
 4

 Bottom per:
 14
 Perf inter:
 1

Static wl: 7.5
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const:

G

Qual lith: G
Remarks ad: M/O-206
Contractor: Not Reported

Contract 1: HARLAN D ANDRESEN

Contract 2: 1635 BELFORD RD RENO NV 89509

Contract 3: 0

Driller li: 1028 Source age: NV003 User id: **TLELLIS** Date entry: 01/07/2002 Not Reported 10/03/2005 Update use: Date updat: Edit statu: Well start: 06/07/2001 Gravel p 2:

Gravel p 1: 0 Gravel Utm x: 576544.387163

 Utm x:
 576544.387163

 Utm y:
 4506409.33372

 Site id:
 NV400000094147

L114
ENE NV WELLS NV400000094431
1/2 - 1 Mile

Higher

 Well log:
 34268
 App:
 54522

 Notice of:
 13180
 Waiver no:
 Not Reported

 Date log r:
 09/14/1990
 Date log 1:
 D

 Site type:
 N
 Work type:
 N

Work type : Not Reported

R Proposed u: Drilling m: 32007 051 Sc: На: Twn: N33 Legal twn: 33N Legal rng: 52E Rng: E52 Sec: 26 Sec quarte: AC

Legal quar: SW NE Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: SOUTHERN PACIFIC RAILRD

Owner addr: CARLING NV
Owner no: Not Reported

Parcel no: Not Reported Subdivisio: Not Reported Lot no: Not Reported Block no: Not Reported

Well finis: 08/30/1990 Date cmplt: D 50 Gravel pac: Υ Depth seal: Depth dril: 175 Depth bedr: 0 Depth case: Aquifer de: Not Reported 175

Csng diame: 6.62

 Csng reduc:
 0
 Top perf:
 160

 Bottom per:
 170
 Perf inter:
 1

Static wl: 10
Temperatur: 0
Yield: 0
Drawdown: 0
Hours pump: 0

Test metho: Not Reported Qual const: G

Qual lith: G

Remarks ad: Not Reported Contractor: 14410

Contract 1: R D REYNOLDS DRILLING
Contract 2: P O BOX 402 WELLS NV 89835

Contract 3: 1390

NV003 Driller li: 1585 Source age: KLOHAIR User id: Date entry: 06/15/2005 Update use: Not Reported Date updat: 04/14/2003 Edit statu: Well start: 09/12/1963 F

Gravel p 1: 0 Gravel p 2: 0

TC3481247.2s Page A-126

 Utm x:
 576555.125274

 Utm y:
 4507642.95603

 Site id:
 NV400000094431

L115
ENE
NV WELLS
1/2 - 1 Mile
Higher

 Well log:
 46336
 App:
 Not Reported

 Notice of:
 26633
 Waiver no:
 Not Reported

 Date log r:
 08/26/1994
 Date log 1:
 D

Site type:

N
Work type:

Not Reported

Proposed u: Н Drilling m: Α Sc: 32007 Ha: 051 N33 Legal twn: 33N Twn: Legal rng: 52E Rng: E52 Sec: 26 Sec quarte: AC

Legal quar: SW NE Quarters s: Not Reported

Ref:MDLatitude:40Longitude:116Lat long s:NV003

Lat long a: T

Owner curr: MYERS, LLOYD W

Owner addr: 1901 CHESTNUT CARLIN NV
Owner no: Not Reported

Owner no:Not ReportedParcel no:02-220-17-6Subdivisio:Not ReportedLot no:Not ReportedBlock no:Not Reported

Well finis: 08/08/1994 D Date cmplt: Gravel pac: Υ Depth seal: 100 Depth dril: 140 Depth bedr: 0 Not Reported 140 Aquifer de: Depth case:

 Csng diame:
 6.62

 Csng reduc:
 0
 Top perf:
 120

 Bottom per:
 140
 Perf inter:
 1

Static wl: 12
Temperatur: 0
Yield: 60
Drawdown: 0
Hours pump: 4
Test metho: 4

Qual lith:

Test metho: A Qual const: G

Remarks ad: Not Reported Contractor: 20582

Contract 1: HACKWORTH DRILLING INC

G

Contract 2: PO BOX 850 ELKO NV
Contract 3: 0

1689 NV003 Driller li: Source age: User id: **GAPATTER** Date entry: 12/15/1994 Date updat: 05/20/1997 Update use: mdillon 08/03/1994 F Well start: Edit statu:

Gravel p 1: 100 Gravel p 2: 140

 Utm x:
 576555.125274

 Utm y:
 4507642.95603

 Site id:
 NV400000094432

NV400000094432

Map ID Direction Distance

Elevation Database EDR ID Number

116
North FED USGS USGS3115030
1/2 - 1 Mile

Higher

Agency cd: USGS Site no: 404329116062001

Site name: 051 N33 E52 22DDC 1 City Stock Well

 Latitude:
 404329
 EDR Site id:
 USGS3115030

 Longitude:
 1160620
 Dec lat:
 40.7246399

 Dec Ion:
 -116.10646653
 Coor meth:
 M

 Coor accr:
 F
 Latlong datum:
 NAD27

Dec latlong datum: NAD83 District: 32 State: 32 County: 007

Country: US Land net: SWSESES22 T33N R52E M

Location map: CARLIN EAST, NV Map scale: 24000

Altitude: 4990.

Altitude method: Interpolated from topographic map

Altitude accuracy: 20

Altitude datum: National Geodetic Vertical Datum of 1929 Hydrologic: Upper Humboldt. Nevada. Area = 2720 sq.mi.

Topographic: Hillside (slope)

Site type: Ground-water other than Spring Date construction: Not Reported

Date inventoried: 19890208 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: Not Reported Hole depth: Not Reported

Source of depth data: Not Reported Project number: 473214900

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:0000-00-00Peak flow data end date:0000-00-00Peak flow data count:0Water 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: 1989-03-17 Ground water data end date: 1999-07-07

Ground water data count: 6

Ground-water levels, Number of Measurements: 6

 1999-07-07
 63.31
 1993-08-25
 67.3

 1990-09-13
 67.56
 1990-04-15
 66.10

 1989-10-18
 64.0

1989-03-17 67.5

Note: The site had been pumped recently.

117
West FED USGS USGS3115018

1/2 - 1 Mile Higher

USGS Agency cd: Site no: 404240116073001

Site name: 052 N33 E52 28DDC 1 Spring

Latitude: 404240 EDR Site id: USGS3115018 Longitude: 1160730 Dec lat: 40.71102859

Dec Ion: -116.12591118 Coor meth: М NAD27 Coor accr: F Latlong datum: Dec latlong datum: NAD83 District: 32 32 County: 007

Country: SWSESES28 T33N R52E M US Land net:

Location map: CARLIN EAST, NV Map scale: 24000

Altitude: 4915.

Altitude method: Interpolated from topographic map

Altitude accuracy:

Altitude datum: National Geodetic Vertical Datum of 1929 Hydrologic: Upper Humboldt. Nevada. Area = 2720 sq.mi.

Topographic: Not Reported

Site type: Spring Date construction: Not Reported

19890411 Mean greenwich time offset: Date inventoried: PST

Υ Local standard time flag: Type of ground water site: Spring Aquifer Type: Not Reported Aquifer: Not Reported

Well depth: Not Reported Hole depth: Not Reported

Source of depth data: Not Reported Project number: 473214900

Real time data flag:

Daily flow data begin date: 0000-00-00

Daily flow data end date: 0000-00-00 Daily flow data count:

Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00 Peak flow data count: Water quality data begin date: 1989-04-10

Water quality data end date:1989-04-10 Water quality data count:

Ground water data begin date: 0000-00-00 Ground water data end date: 0000-00-00

Ground water data count: 0

Ground-water levels, Number of Measurements: 0

## AREA RADON INFORMATION

State Database: NV Radon

Radon Test Results

# Tests	# < 4 pci/L	# > 4 pCi/L	% > 4 pCi/L	Average	Max
2	1	1	50	2.35	10.1

Federal EPA Radon Zone for ELKO County: 2

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 Zip Code: 89822

Number of sites tested: 10

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L Living Area - 1st Floor 2.050 pCi/L 80% 20% 0% Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported 3.480 pCi/L Basement 80% 20% 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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<sup>R</sup> 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.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **LOCAL / REGIONAL WATER AGENCY RECORDS**

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Nevada Well Log Database

Source: Dept of Conservation and Natural Resources, Division of Water Resources

Telephone: 775-687-4380

#### OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Nevada Bureau of Mines and Geology

Telephone: 775-784-6691

Oil and gas well location in the state of Nevada.

#### **RADON**

State Database: NV Radon Source: State Health Division Telephone: 775-687-7531 Radon Test Results By Zip Code

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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