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Groundwater Investigation and Remediation Activities Report 2005

Chevron Eunice #2 (North) Plant

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Tables

Figures

Appendices

1 Introduction

This report is intended to provide a comprehensive summary of the results of the current groundwater investigation and remediation activities conducted by ARCADIS G&M, Inc. (ARCADIS) at the Eunice #2 (North) Gas Plant (Site). The Site is located on the northern edge of the town of Eunice, Lea County, New Mexico (see Figure 1). This report has been compiled by ARCADIS on behalf of Chevron North America Exploration and Production (Chevron). This report begins at the conclusion of the *Groundwater Investigation and Remediation Activities Report 2004* and concludes with the completion of the May/June 2005 sampling event.

1.1 Purpose and Objectives of Investigation

The purpose of the current investigation is to monitor and document the extent of environmental impacts with respect to the following issues:

1. The horizontal and vertical extent of chromium, hydrocarbon and dissolved solids impacts in the groundwater associated with the Site;
2. Groundwater hydrogeologic parameters;
3. Possible receptors; and
4. Effectiveness of In-situ Reactive Zone (IRZ) technology for groundwater chromium remediation.

To accomplish the purpose of the current investigation, specific objectives included the following:

1. Identification of the properties and pathways by which migration occurred in the past, may currently be occurring, or may occur in the future;
2. Delineation of areas where the groundwater has been impacted beyond the boundary of the Site;
3. Development of physical and chemical data relating to impacted groundwater at the Site for the purpose of implementing remedial alternatives; and
4. Additional IRZ Implementation and monitoring.

These objectives have been accomplished by the following activities:

1. Collection of groundwater analytical data during semi-annual sampling events and preparation of isoconcentration maps to determine the nature and extent of

constituents of concern (COCs), and observation of general groundwater quality trends;

2. Collection of field parameters during sampling events;

3. Quarterly measurements of water levels and preparation of potentiometric surface maps for the purpose of estimating groundwater flow direction and rate of movement;

4. Continuation of the IRZ remediation Phase 1 and Phase 2 project to evaluate the effectiveness of this remediation method;

5. Initiation of an IRZ remediation constant feed system; and

6. Installation of 11 injection wells and 5 monitoring wells for evaluation of the medial array of the chromate plume.

1.2 Site Background and Location

A natural gas processing plant was constructed in the 1940s and operated on the Site from the 1940s through the 1980s. The Site is no longer being operated as a gas plant. It has been partially dismantled and is currently being operated as a natural gas compressor station by Dynegy Midstream Services, L.P. (Dynegy). The Site is located approximately 0.25 miles north of the town of Eunice, New Mexico, in the south half (S/2) of the southeast quarter (SE/4) of the northeast quarter (NE/4) of Section 28, Township 21 South (T-21-S) Range 37 East (R-37-E) Lea County, New Mexico. Figure 1 presents the Site Location Map.

2 Executive Summary

This is the second annual report detailing the ongoing investigation and remediation activities at the North Eunice site. Previous reports completed by ARCADIS and earlier investigators presented the results of groundwater and soil investigations and outlined the initiation of remediation activities at the site. Three COCs remain on-site affecting groundwater quality: chromate; hydrocarbons; and chloride. Where the chromate and hydrocarbon contaminants intermix in the groundwater, a reduction in the chromate concentration has been noted indicating that a naturally occurring remediation process is on-going. Current remediation efforts utilize an expansion and enhancement of this natural process.

Wells within the subject area have been sampled and analyzed semi-annually for the COCs and for other compounds. Results of the laboratory analyses for the COCs are compared to the Primary and Secondary Drinking Water Standards established by the United States Environmental Protection Agency (EPA) for public drinking water

supplies. The EPA's primary drinking water standard for a particular constituent is also known as the maximum contaminant level (MCL). The EPA's secondary standard for a constituent is known as a secondary level (SL).

2.1 Groundwater Chromium

The results of investigations at the Site indicate that water containing dissolved chromium, most likely originating from surface sources, has apparently percolated into the groundwater south and southwest of the plant site and possibly within the plant site itself. Historic pumping from a water well located at the northern edge of the plant (EPWW1), as well as groundwater recharge (possibly due to landscape irrigation) and resultant mounding associated with the residential neighborhood located to the south and southwest of the plant, has altered the natural eastward direction of groundwater flow. In this area, the hydraulic gradient in the groundwater is generally northwest, north and northeast toward the plant site. Thus, chromium in the groundwater follows this same flow path. In the area of the plant, the natural groundwater gradient once again dominates, shifting the flow eastward.

The chromium plume within the Ogallala Aquifer at and in the vicinity of the plant site has been fully defined and delineated. The Ogallala Aquifer underlying the Site has poor but definite vertical hydraulic continuity, resulting in stratified concentrations of chromium within the aquifer. The chromium impact has been evaluated on the basis of the "deep" Ogallala Aquifer and the "shallow" Ogallala Aquifer zones. Previous reports referred to both "shallow" and "shallow/middle" zones within the Ogallala Aquifer. For simplicity in this report, the term "shallow" refers to both of the previously identified "shallow" and "shallow/middle" zones. An exception to this terminology is found in report sections 4.1.7 and 5.2.1 discussing the evaluation of the effects of the IRZ injection program where there are enough monitor screened wells with discrete intervals to allow for an evaluation of greater stratigraphic detail. As noted in the maps attached to this report, the chromium impact in the shallow portion of the Ogallala in the plant site area covers a larger area than the chromium plume in the deep portion of the aquifer. This results in the shallow chromium plume overlying portions of the deep zone that contain chromium below the MCL. This stratification of the chromium is indicative of the sometimes poor vertical hydraulic continuity and groundwater flow.

The highest concentrations of chromium in the deep zone of the aquifer occur to the southwest of the plant site and appear to move with the hydraulic gradient to the north and then eastward. The deep zone hydraulically merges with the shallow zone of the aquifer east of the plant site as the aquifer thins in gross saturated thickness. From this point of merger eastward, the aquifer is considered both geologically and

hydrologically to be part of the deep zone. All monitor wells drilled east of the merger fully penetrate, and are screened throughout, the saturated portion of the aquifer.

In the shallow zone of the aquifer, the highest chromium concentrations occur southwest of the plant site, under the southern part of the plant site, and in an area immediately to the east of the plant site.

Elevated hydrocarbon concentrations were observed in the groundwater at the northeast, east, and southeast areas of the plant. This hydrocarbon plume lies near the center of the chromate plume and consists of light phase-separated and dissolved components. Chromate concentrations were reported at significantly lower levels than anticipated within the area where the chromate and hydrocarbon plumes intermix and in monitor wells located immediately downgradient of the hydrocarbon-impacted monitor wells.

The reduction in chromate concentrations in the region of chromate and hydrocarbon intermixing is due to the biogeochemical reduction of hexavalent chromium to trivalent chromium and the resulting precipitation and filtration of the trivalent chromium in the geologic matrix of the aquifer. The naturally-occurring microorganisms have fed upon the hydrocarbon impacting the aquifer, not only consuming the oil, but developing a chemically reducing environment within the aquifer which precipitates the chromium. The resulting chromium precipitate is filtered from the groundwater by the natural filtering properties of the rock composing the aquifer. This has resulted in dramatic reductions in chromium concentrations within the aquifer. In addition, the chromium may also be directly reacting with the hydrocarbon chemically. In the area where the dissolved hydrocarbon exists, chromium concentrations have been reported at concentrations below laboratory quantitation limits. This process, which has been naturally occurring within the aquifer, is being expanded, modified, and specifically engineered to remediate the chromate plume in an IRZ process.

The Phase I IRZ chromate remediation program has been designed to evaluate a potentially complex multi-layer hydrogeologic system, exploiting the Site hydrodynamics and biogeochemistry in order to optimize the design and implementation of a full-scale system in the most cost-effective and time-efficient manner possible.

In the IRZ remediation technique currently in use at the Site, a carbohydrate solution, consisting of food-grade molasses, is being substituted for the hydrocarbon as a more efficient and controllable food source for the microorganisms naturally occurring within the aquifer. The chromate IRZ groundwater remediation began with the Phase I installation of three injection wells and associated monitor wells located between 200 and 800 feet to the southwest of the Site in the Study Area. Once the plume was

completely delineated, a line of 14 injection wells was drilled and completed near the downgradient distal (eastern) end of the chromate plume 2,800 feet to the east of the plant site. This line of injection wells has been situated to intercept, and with the injection of the carbohydrate solution (food-grade molasses), remediate the chromate plume as it flows naturally through the treatment area eastward. Additional monitor wells have also been drilled and completed to more fully delineate the extent of the chromate plume and to monitor the effects of the remediation efforts.

The Study Area IRZ monitor wells have indicated reductions of hexavalent and dissolved chromium since the pilot program began in June 2003. Reductions in both hexavalent and dissolved chromium have been gradual because of the hydrogeologic complexity of the aquifer in the Study Area. The distal end IRZ monitor wells exhibited immediate reductions of hexavalent and dissolved chromium. The immediate reductions in both chromium analytes may be attributed to increased hydraulic velocities in the vicinity of the distal end IRZ array.

2.2 Groundwater Hydrocarbons

The dissolved hydrocarbon plume in the Ogallala Aquifer groundwater associated with the plant site has been fully defined. Only a small area of groundwater located within the Site boundary has benzene above the EPA MCL for drinking water. A second small area of groundwater containing benzene above the MCL is located south of the plant site, but does not appear to be related to the historic plant operations. Benzene, toluene, ethylbenzene, and xylenes (BTEX) and total petroleum hydrocarbon (TPH) concentrations also exist at the locations where benzene has been detected, and TPH has been identified east of the plant site at a location unrelated to historic plant operation.

As noted above, the hydrocarbons in the groundwater are assisting in the remediation of the chromium by providing carbohydrate solution to the groundwater, encouraging the proliferation of bacteria. This in turn produces a reducing environment within the aquifer resulting in chemical precipitation of the chromium.

Phase-separated hydrocarbons (PSH) have been observed in two wells located near the eastern edge of the plant and were being removed on a weekly basis until September 30, 2005. The volume of recovered hydrocarbons from MW006 has varied from 0.5 to 5.5 gallons per removal event. MW005 has had only sheen of PSH on the water surface, and no PSH was recovered during this reporting period. In order to assist in chromium removal, as described in Section 2.1, and as long as the hydrocarbon plume does not materially migrate, groundwater hydrocarbon remediation will be initiated at a later date, but PSH will continue to be removed.

2.3 Groundwater Dissolved Solids

Elevated dissolved solids impacts to the Ogallala Aquifer at the Site have also been identified. The dissolved solids present in the groundwater samples have been quantified by laboratory analysis as total dissolved solids (TDS). For the purposes of this report, only the chloride ion will be identified as a COC.

Most of the elevated chloride concentrations appear to be unrelated to historic plant activities. The highest concentrations appear at locations southwest and south of the Site (hydraulically upgradient) and east of the Site (hydraulically downgradient). The sources of the high chloride concentrations have not yet been identified with any certainty. There are no immediate plans to remediate the elevated chlorides in the aquifer. They will continue to be monitored.

3 Physical Characteristics of the Area

The following sections identify the physical characteristics of the Site and surrounding area including the physiological, topographical, geological and hydrological conditions.

3.1 Physiology

The Site lies in southern Lea County, which is located in the Pecos Valley section of the Great Plains physiographic province. The Site lies within the Eunice Plain, which is bounded by the South Plain to the south, Rattlesnake Ridge to the east, the High Plains to the northeast, the Laguna Valley and Grama Ridge Area to the northwest, the San Simon Ridge and San Simon Swale to the west and the Antelope Ridge Area to the southwest. An estimated 80% of southern Lea County is covered by sand. Shin oak, bear grass and bur-grass dominate the areas of sand cover. Elsewhere, the vegetation is grama grass, bur-grass and mesquite.

3.2 Topography

Monument Draw is the only major surface drainage feature in southern Lea County. The draw runs north to south slightly over two miles east of the Site. The topography in the area of the plant slopes gently to Monument Draw at an approximate dip of 35 feet per mile. Small closed basins or playas exist on this sloping surface. The sewage treatment plant for the town of Eunice lies approximately 4,300 feet southeast of the southeast corner of the Site and northeast of the center of Eunice.

3.3 Geology

The geologic formations of interest at the Site include (from oldest to youngest), the Triassic Chinle, Cretaceous undifferentiated, Tertiary Ogallala and Quaternary aeolian sedimentation, designated the Blackwater Draw Formation. Of particular interest with regard to the impact of COCs released to groundwater are the Tertiary Ogallala and Quaternary Blackwater Draw.

3.3.1 Triassic Chinle Formation

The Triassic Chinle Formation is composed of red and green claystone, with minor fine-grained sandstones and siltstones. It is found to exist under all of the eastern part of southern Lea County, thinning to the west and absent in the extreme western part of the county. The Chinle forms the base of the fresh groundwater due to the formation's low vertical (and generally horizontal) permeability that impedes most vertical groundwater movement into the formation. The top of the Chinle (base of the Ogallala Aquifer) is an erosional surface that rises in elevation from west to east under the plant site. Just east of the plant, the Chinle top begins to dip down toward Monument Draw as illustrated in the West-East cross-section (see Figure 27).

3.3.2 Cretaceous Formations Undifferentiated

The Cretaceous formations, undifferentiated, have almost all been removed by erosion and are essentially nonexistent in the Site area. The only known exposure of Cretaceous rocks consists of large slump blocks of limestone in a gravel pit east of the town of Eunice. Semi-consolidated sands and gravels of possible lower Cretaceous, the equivalent of the Paluxy sand, have been described from exposures in gravel pits east of Eunice. However, the sand and gravel sequence also has characteristics of the Tertiary Ogallala described below. The Cretaceous has not been encountered at the Site.

3.3.3 Tertiary Ogallala Formation

The lower Tertiary Ogallala Formation is composed of fluvial sediments of the Miocene-Pliocene epochs. It is a heterogeneous combination of clay, silt, sand and gravel of braided-stream deposits interbedded with, and overlain by, aeolian sediments deposited as sand sheets and loess resting directly upon an erosional surface carved into the Triassic Chinle Formation under the Site (See Figures 27, 28 and 29). The fluvial sediments were deposited on a sloping plain in the form of coalescing alluvial fans, by streams that originated in the Rocky Mountains to the west and northwest. The Ogallala Formation was deposited in laterally restricted lenses of material, predominantly medium to yellowish-gray conglomeratic sandstone and fine to

medium-grained well-sorted sandstone. The primary fresh water-bearing formation under and in the vicinity of the plant site is the Ogallala.

In contrast to the fluvial deposition of the lower Ogallala sediments, the upper part of the Ogallala and all of the Blackwater Draw Formation overlying the Ogallala are composed of windblown (aeolian) deposits. In exposures and cores described in the literature, the very fine sand facies of the upper Ogallala are thick, ranging up to 125 feet and capped by the Caprock caliche or calcrete. The Caprock caliche marks the top of the Ogallala.

3.3.4 Quaternary Blackwater Draw Formation

The Blackwater Draw Formation occurs as a mantle of Quaternary aeolian sediment locally as thick as 100 feet, covering an area of the Southern High Plains of northeastern Texas and eastern New Mexico. Throughout the depositional time of the Blackwater Draw Formation, laterally restricted lenticular layers of aeolian and playa or lacustrine facies were formed. The Blackwater Draw Formation occurs near the ground surface at the plant site and contains reddish sediments composed of up to six well-developed buried soils with similar features of lithology and morphology. The soil development occurred during periods of landscape stability, separated by intermittent periods of deposition, or by deflation that stripped surface horizons from newly developed soils.

3.4 Hydrology

The primary source of fresh water at the Site is the Ogallala Formation. It is bounded on the base of the aquifer by an eroded surface of firm, red, silty clay of the Chinle Formation. The base of the Ogallala is composed of a 5- to 10-foot interval of gravel/sand/clay, which in this study is informally termed the "deep" water-bearing zone in the Ogallala aquifer. The gravel unit is in turn overlain by a red to yellow sand that exhibits vertical heterogeneity with alternating layers of loose and well-consolidated sand. This overlying unit constitutes the "shallow" water-bearing zone. Wells screened in the gravel unit have 40 to 50 feet of water column. Wells screened in the shallow water-bearing zone of the groundwater have screens that intersect the groundwater table and typically have 10 to 45 feet of saturation. Overall depth to groundwater varies roughly with local topography and ranges from 37 to 73 feet below the surface.

Regionally, the groundwater gradient was to the southeast in the area of the plant site. However, a water table high now exists south of the plant site, creating a hydraulic gradient that has southwest, west, northwest, north and northeast trends (See Figures 28, 29, 30 and 31). The elevations of the groundwater in the shallow and deep zones

are similar, indicating that there is hydraulic continuity between the zones. Maps are included in this report that show the water table elevation contours and resulting directions of groundwater flow occurring at the time that the various water level measurements were made for this reporting period.

The groundwater in the area may extend into the aeolian portion of the upper Ogallala, but lies below the Blackwater Draw Formation. The Ogallala aquifer in the subject area is hydraulically unconfined.

4 Investigation Methods and Results

This section presents the methodologies and results of each type of data collection conducted during the groundwater investigation. The data collection types include observations and measurements made in the field as well as sampling protocol and laboratory analytical methods. The summarized results of observations and analyses for the specified media and parameters are included in Table 3 through Table 5; field parameters are included in Table 6.

4.1 Groundwater Investigation and Monitoring

The groundwater investigation was designed and conducted to accomplish the following goals:

1. Evaluate the structure and composition of each stratum to refine the geological framework;
2. Define the COCs;
3. Define the vertical and horizontal extent of groundwater impact;
4. Analyze and estimate the hydrologic characteristics of the shallow and deep portions of the water-bearing unit; and
5. Monitor the effects of the remediation efforts.

4.1.1 Well Design, Development, and Sampling

Injection, recovery and monitoring well design and construction, and the development and sampling of these wells, were all governed by the specific characteristics of the hydrogeological unit penetrated and the intended purpose of the well. The design, construction, development, and sampling details for each well type are discussed in the following sections and locations are presented in Figure 2. Drilling was conducted by Scarborough Drilling Company of Lamesa, Texas and John White Drilling Company of Clyde, Texas. Air/water rotary drilling rigs were utilized for the drilling of all monitor and injection wells.

4.1.1.1 Monitor Well Design

The monitor wells were installed in order to delineate the horizontal and vertical extent of chromium and hydrocarbon impacts in the groundwater. As of the date of this report, there were 132 wells included in the monitoring program as part of the groundwater investigation. The list of wells currently monitored include: 108 wells designated as monitor wells (MW prefix); 17 wells designated as injection wells (IW prefix); three wells previously designated as recovery wells (RW prefix); and five wells drilled and owned by landowners (WW suffix). These monitor wells were installed on Site property as well as properties adjacent to the Site. In late October 2005, five monitoring wells and 11 injection wells were installed in the medial array area.

The design and construction of the monitoring wells varies due to the site-specific geology, depth to groundwater, and saturated formation thickness encountered during drilling. Currently, groundwater impacts at the Site are being evaluated on the basis of the "deep" Ogallala Aquifer and the "shallow" Ogallala Aquifer zones. Previous reports referred to "shallow/middle", "middle" and "deep" zones within the Ogallala Aquifer. Monitor well nomenclature was based upon this differentiation of screened intervals. For simplicity, this report uses the term "shallow", referring to the previously identified "shallow", "shallow/middle" and "middle" zones.

An exception to this terminology is found in report Sections 4.1.7 and 5.2.1 discussing the evaluation of the effects of the IRZ injection program where there are sufficient monitor wells with discrete screened intervals to allow for an evaluation of greater stratigraphic detail. For consistency, the well names remain unchanged. Monitoring wells with screened intervals in the shallow portion of the aquifer have only a numeric suffix. Three monitoring wells with screened intervals only in the middle portion of the aquifer have an "M" suffix. Monitoring wells with screened intervals in the deep portion of the aquifer have an "A" suffix. Monitoring wells with screened intervals fully-penetrating from the shallow to the deep portion of the aquifer have an SA suffix. The wells designated "SA" are located on the eastern side of the Site in an area where the Ogallala Aquifer thins significantly. A true geologic distinction cannot be made between the shallow, middle, and deep portion of the Ogallala.

Four permanent recovery wells were constructed during early aquifer evaluation for the purpose of estimating the aquifer hydraulic characteristics. One recovery well, RW001, drilled by a previous investigator, was intended for preliminary aquifer testing, but due to completion questions has not been utilized by ARCADIS for its designed purpose and was plugged and abandoned in September 2005. RW002 and RW003 were completed at a total depth of approximately 65 feet below ground level (bgl) and screened to approximately 45 feet bgl. These two wells were used to evaluate the shallow water-bearing unit. RW004A was completed at 115 feet bgl and screened

to 95 feet bgl. This well was used to evaluate the deep water-bearing unit. RW004A has since been converted to an injection well, and the other three wells were used as monitor wells.

All recovery wells are constructed with 6-inch diameter flush-joint Schedule 40 PVC casing with 0.020-inch, PVC mill-slotted screen, an 8/16 silica sand filter pack, and a hydrated bentonite seal. The well annulus is grouted to the surface with 5% bentonite-cement slurry. A three-foot by three-foot concrete slab six inches thick has been constructed and a 3-foot tall locking protective sleeve installed around each wellhead.

Of the 113 monitor wells on the Site, 50 wells are designated shallow zone monitor wells and 63 wells are designated deep zone monitor wells. Eight are designated as landowner wells. The well locations are presented on Figure 2, and a detailed well construction summary is presented in Table 1.

All of the monitor wells were drilled with an air/water rotary drilling rig and completed with 4-inch PVC casing and 0.020-inch PVC mill-slotted screen. The screens are gravel packed with 8/16 silica sand to a point approximately three to five feet above the top of the screen. Three to five feet of bentonite has been placed on top of the gravel pack, and the balance of the annular space between the casing and borehole wall has been grouted to the surface with five-percent bentonite/cement slurry, circulated to the surface. A three-foot by three-foot concrete slab six inches thick has been placed around the casing for both-flush mount wells and wells with risers and locking steel protective sleeves. The flush-mount wells have standard traffic-bearing manhole covers. Each well has been developed by bailing and then by pumping until the well cleared of suspended material and lost drilling fluid was recovered.

Drill cuttings were analyzed by an ARCADIS geologist on all wells drilled under ARCADIS supervision at the time the wells were drilled. All well locations and the top of the casing elevations have been surveyed by a State of New Mexico Registered Surveyor. Well logs showing subsurface lithologic descriptions and well completion data have been drafted. Well logs for the monitoring wells that were drilled and completed after the conclusion of the *Groundwater Investigation and Remediation Activities Report 2004* are located in Appendix B.

4.1.1.2 Injection Well Design

Two injection wells were constructed for the IRZ Remediation Phase 1 Study (IW001 and IW002). One recovery well (RW004A) is also being used for injection purposes. These three wells serve as injection points for the introduction of carbohydrate solution into the groundwater-bearing unit. RW004A is completed at 115 feet bgl and screened to 95 feet bgl in the deep zone. IW001 and IW002 are completed at a total depth of 90

feet bgl and screened from 35-90 feet bgl in the shallow zone. IW001 and IW002 were constructed with 4-inch diameter flush-joint Schedule 40 PVC casing with 0.020-inch, mill-slotted screen, an 8/16 silica sand filter pack, and a hydrated bentonite seal. RW004A was constructed with 6-inch diameter flush-joint Schedule 40 PVC casing with 0.020-inch, PVC mill-slotted screen, an 8/16 silica sand filter pack, and a hydrated bentonite seal. Each well annulus is grouted to the surface with 5% bentonite-cement slurry. A three-foot by three-foot by six-inch concrete foundation has been constructed, and a 3-foot tall locking protective sleeve has been installed around each wellhead.

Fourteen injection wells were constructed for the IRZ Remediation Phase II Distal Study (IW003 through IW016). These 14 wells serve as injection points for the introduction of carbohydrate solution into the groundwater-bearing unit at the distal location. Wells IW003 through IW016 are fully-penetrating injection wells screened through the shallow, middle, and deep zones. Each was constructed with 4-inch diameter flush-joint Schedule 40 PVC casing with 0.020-inch, mill-slotted screen, an 8/16 silica sand filter pack, and a hydrated bentonite seal. Each well annulus is grouted to the surface with 5% bentonite-cement slurry. A three-foot by three-foot by six-inch concrete foundation has been constructed, and a 3-foot tall locking protective sleeve installed around each wellhead.

Eleven injection wells were constructed for the IRZ Remediation Medial Array Study (IW018 through IW028). These 11 wells serve as injection points for the introduction of carbohydrate solution into the groundwater-bearing unit at the medial array location. Wells IW018 through IW028 are fully penetrating injection wells screened through the shallow, middle, and deep zones. Each was constructed with 4-inch diameter flush-joint Schedule 40 PVC casing with 0.020-inch, mill-slotted screen, an 8/16 silica sand filter pack, and a hydrated bentonite seal. Each well annulus is grouted to the surface with 5% bentonite-cement slurry. A three-foot by three-foot by six-inch concrete foundation has been constructed, and a 3-foot tall locking protective sleeve installed around each wellhead. Well logs for the injection wells that were drilled and completed after the conclusion of the *Groundwater Investigation and Remediation Activities Report 2004* are located in Appendix B.

4.1.1.3 Well Development

During the well construction, drilling fluids were introduced into the well bore to maintain the integrity of the hole while drilling. Wells were developed upon installation. The well development was intended to remove any fluids introduced to the well and the aquifer during installation as well as remove suspended sand, silt or clay.

Prior to January 2004, each cased and filter-packed well was bailed to remove drilling fluid, settled sand, silt or clay. Following the bailing, the wells were purged with a submersible pump for approximately three hours or until 1,000 gallons were removed. Additionally, purging continued until pH, temperature, and conductivity values of the groundwater had stabilized. The top of the filter pack was then re-measured and additional sand added to bring the level to the desired elevation, usually one-foot above the top of the screened interval. The annulus was then sealed with a bentonite plug and grouted to the surface with hydrated cement or a cement-bentonite mixture.

Beginning in January 2004, all new injection and monitoring wells, including all distal injection and their associated monitoring wells for the distal and medial array area, were more aggressively developed. This additional development included the addition of a polymer-based mud dispersant and mechanical surging and bailing of the cased and filter packed well. The mud dispersant was injected into the cased and sand-packed well after the well had been bailed. The mud dispersant was then allowed to percolate into the aquifer for at least 12 hours. The mud dispersant was intended to mobilize clay particles that may have contaminated and sealed the aquifer surrounding the well bore during the drilling process. The well was then alternately bailed and surged until as much as possible of the fine sand, silt, and clay particles had been removed. The filter-pack was then remeasured, the needed sand added, and the well was completed as described in the previous paragraph.

4.1.2 Groundwater Level Monitoring

Water level measurements are being routinely collected for the purpose of mapping the water table and determining the hydraulic gradient. These measurements are taken prior to purging or sampling of the monitor wells. The depth to water from the established measuring point for each well is measured using a battery-powered water level meter. Measurements for each well are taken from the same permanent, clearly marked, surveyed reference point (measuring point) marked on the top of the PVC casing. Depth to water is recorded to the nearest hundredth of a foot. The elevation of the water level with respect to mean sea level is calculated and reported to the nearest hundredth of a foot.

Each groundwater monitoring event includes a measurement of the water level in each monitor, recovery, and water well available at the time of the monitoring event. At the time of monitoring, there were 108 monitor wells, four recovery wells, seven water wells and 16 injection wells available for water level collection. In addition to the measurement of water levels, MW005 and MW006 were examined for the presence of PSH using an oil-water interface probe.

The water level meter and the oil-water interface probe were decontaminated prior to their use in each well. Decontamination is conducted using a low phosphate, laboratory-grade detergent followed by a deionized water rinse. The measurement probe and the oil-water interface probe are inspected for proper operation prior to each groundwater monitoring event. This ensures that accurate measurements of the water level are made during each event. In addition, the total depth of the well and the casing stickup above ground surface are measured on each well.

4.1.3 Groundwater Sampling

This section describes the field methods and procedures that were used during the groundwater sampling events conducted during the course of this investigation. Sampling prior to this report period was conducted on a quarterly basis and utilized both multiple-well-volume and low-flow (micropurge) purging techniques. Comparisons of the two purging techniques resulted in adoption of the multiple-well-volume purging technique as being the most representative. Sampling during this report period was conducted on a semi-annual basis. The multiple-well-volume purging technique was used in sampling all wells with the exception of those monitoring wells located in close proximity to, and used to directly monitor, the IRZ injection wells. The following sampling methods and procedures cover purging, field parameter collection, and field documentation including field forms and field notes.

4.1.3.1 Low-Flow Purging of Wells

A low-volume, low-flow purging technique, approved by the EPA, had been used for most sampling events and on most wells prior to the sampling events detailed in this report. However, as sampling data was evaluated from succeeding sampling events, it became apparent that the low-flow purging was not producing representative samples of the chromium concentrations stratified within the aquifer. This was demonstrated by comparing low-flow purge with multiple-well-volume purge sampling results. In this comparison, it was demonstrated that the purging of multiple-well-volumes resulted in higher chromium results than the low-flow purge procedure in some wells. For this reason, the purging of multiple-well-volumes has been reinitiated as the preferred purging procedure and will be consistently used in the future on all wells with the exception of the carbohydrate solution wells and associated monitor wells. The low-flow purge procedure will continue to be used on the injection wells and associated monitor wells to prevent the displacement of the carbohydrate solution in the well.

During the sampling in which the low-flow purging is utilized, the following purging procedures are followed:

1. Prior to sampling, each monitor well is purged at a low-flow rate. This is achieved by pumping groundwater in such a manner as to minimize drawdown and until monitored field parameters stabilize in the purged water;
2. A 2-inch nitrogen-driven bladder pump is used for the low-flow purging procedure;
3. To minimize cross-contamination, a new disposable bladder is installed on the pump during the decontamination process and prior to placing the pump in the next well; and
4. Each well has dedicated tubing.

4.1.3.2 Multiple-Well-Volume Purging

Wells that are purged of at least three calculated well volumes use an electric submersible pump prior to sampling. The pump discharge is monitored for pH, temperature and conductivity with pumping continuing until the measured parameters stabilize and at least three calculated well bore volumes are purged from the well.

4.1.3.3 Collecting Field Parameters

Stabilization of the groundwater chemistry during the purging process is established by monitoring field parameters. The equipment used for the field measurements is calibrated at least once during each day of the sampling event. Field parameters are collected with a QED Micropurge Basics™ MP20D multi-meter. Low-flow purging of each well to be sampled continues until the field measurements of pH, temperature, specific conductance, oxidation-reduction potential and dissolved oxygen of the purged water has stabilized within a specified range of the previous measurements. The specified ranges for the measured parameters are:

1. Dissolved oxygen (DO) and pH: plus or minus 0.2 units;
2. Specific conductance: plus or minus 0.02 units; and
3. Oxidation-reduction potential (ORP): plus or minus 20 units.

During purging, water levels are measured to monitor drawdown in the well. In addition, field tests for ferrous iron and sulfide are conducted using HACH™ test kits. A summary of the field parameters collected is presented in Table 6.

4.1.3.4 Documenting Field Activities

Field documentation includes preprinted field forms as well as field notes completed by the sampling personnel. Pre-printed well sampling logs are used to record the field parameters previously discussed in Section 4.1.3.3. In addition, color, odor,

appearance, pumping rate, pump settings, purge times, sampling times and any other pertinent observations are recorded. All information related to a sampling event is recorded in bound field notebooks, with entries recorded in black indelible ink. Recorded in the field notes are the project, location, date, time, weather conditions, name and identity of sampling personnel, and all other pertinent information.

4.1.4 Groundwater Analytical Methods and Procedures

This section discusses the methods and procedures utilized for sample collection, sample containers, preservation of the samples, sampling order and sample labeling. Analytical methods including shipment of samples to the analytical laboratory and field analytical methods are also discussed.

4.1.4.1 Sample Collection

The methods and procedures associated with sample collection include sample container selection, preservation, filtration, and the order in which samples will be collected.

The volume of samples and types of sample containers used depend on the parameters to be analyzed. The EPA guidelines for sample containers, preservation, holding times, etc. (as presented in Table 8) are adhered to during sampling events conducted at this site. Some of the primary elements of the EPA guidelines adhered to in the sampling events conducted during the current investigation are:

1. All samples are kept at, or below, a temperature of 4° Celsius (°C) from the time of collection until delivery to the analytical laboratory;
2. Samples for analysis of metals, including chromium and hexavalent chromium, are filtered in the field. Filtration is accomplished using a disposable 0.45-micron filter. Nitric acid is added to the containerized filtered sample as a preservative for all the total metals that were analyzed;
3. After purging the well, the time elapsed before collecting the water sample is kept as short as possible to avoid variations in groundwater chemistry;
4. If contamination is known to be present in one or more of the monitor wells at the Site, sampling begins with the well known to be the least contaminated and ends with the well that is most impacted. Where no impact is known or suspected, sampling proceeds from the well with the highest water level elevation (upgradient) to the one with the lowest water level elevation (downgradient); and
5. The sample containers are filled in the following order based on volatilization sensitivity: VOCs and BTEX; semi-volatile organic compounds (SVOCs); metals; and other inorganic parameters.

4.1.4.2 Sample Labeling

All sample containers are labeled with the well identification number, site identification, analyses to be performed, preservatives used, date and time of sample collection, and name of sampler. This information is written with indelible ink.

4.1.4.3 Sample Storing, Packing, and Transporting

After sample collection, all samples are kept cold (at 4°C) and transported to the laboratory by overnight courier under standard custody protocols. Shipment of samples to the laboratory is performed daily due to applicable holding times. The samples are placed in re-sealable bags and packed in a cooler containing ice in sufficient quantity to maintain the temperature at 4°C. A material such as vermiculite is used in the cooler to prevent or minimize the likelihood of container breakage. The cooler is secured using reinforced shipping tape.

4.1.4.4 Chain-of-Custody Documentation

Proper chain-of-custody (Chain) documentation accompanies the samples from the field to the analytical laboratory. The Chain is signed by each party handling the samples, from sampler to the laboratory, to document the possession of the samples at all times. Individuals relinquishing and receiving the samples are required to sign, date and note the time of transfer on the Chain form. The Chain documentation also contains data and information for each sample, including sample identification, well number, date and time of sample collection, preservatives used and the analyses to be performed. In addition, all sample coolers are sealed using a signed custody seal to prevent tampering or to provide direct evidence in the event of tampering.

4.1.4.5 Analytical Methods

The methods used for analysis of water samples collected for the current groundwater monitoring program are documented in Standard Methods for Examination of Water and Wastewater, 18th edition, 1992 or EPA SW-846. A complete list of analyses and analytical methods implemented during the past sampling events is presented in Table 8.

4.1.5 Groundwater Sampling Results

This section discusses the groundwater sampling results obtained from the following sampling events:

1. December 2004/January 2005; and

2. May/June 2005.

The results of the laboratory analysis for the COCs were compared to the Primary and Secondary Drinking Water Standards established by the EPA for public drinking water supplies. The EPA primary drinking water standard for a particular constituent is also known as the MCL. The EPA secondary standard for a constituent is known as an SL. Laboratory analytical results are presented on the CD in Appendix C.

4.1.5.1 Shallow Wells, December 2004/January 2005 Groundwater Sampling Event Analytical Results

Fifty-two shallow wells were sampled during the December 2004/January 2005 groundwater sampling event. The sampled wells include: forty-four monitor wells; four middle zone monitor wells; two injection wells; and two recovery wells. The forty-four monitor wells sampled include MW001 through MW004, MW007 through MW015, MW018, MW020, MW021, MW023 through MW038, MW043 through MW047, MW058 through MW061 and MW068 through MW070. The four middle zone monitor wells sampled include MW008M, MW011M, MW012M and MW088M. The two injection wells sampled are IW001 and IW002. The two recovery wells sampled are RW002 and RW003.

The groundwater samples obtained from the wells were analyzed for chromium, hexavalent chromium, BTEX, TPH, and chlorides. The TPH analyses have been broken into Gasoline Range Organics (GRO) with a carbon atom range from C_6 through C_{12} and Diesel Range Organics (DRO) with a carbon atom range from C_{10} through C_{32}. TPH concentrations were calculated as the sum of GRO and DRO. Analytical results for the organic compounds (BTEX and TPH) are presented in Table 3, metals are presented in Table 4, and inorganic constituents are presented in Table 5. Analytical methods are presented in Table 8.

Groundwater samples from the following sixteen shallow wells were analyzed for BTEX: MW001, MW002, MW003, MW009, MW021, MW024, MW033 through MW038, MW043, MW044, MW046 and MW058. BTEX was detected in MW001, MW033, MW037 and MW038. Benzene concentrations exceeded the MCL of 0.005 mg/L in MW033, MW037 and MW038. Toluene, ethylbenzene and xylenes concentrations were below their respective MCLs of 1.0 mg/L, 0.7 mg/L and 10 mg/L in all samples, respectively. The December 2004/January 2005 isoconcentration map for BTEX concentrations in the shallow wells is presented in Figure 3. The December 2004/January 2005 isoconcentration map for benzene concentrations in the shallow wells is presented in Figure 5. In addition, PSH was measured MW006 (0.56 feet) approximately 47 feet bgl.

Groundwater samples from the following sixteen shallow wells were analyzed for TPH: MW001, MW002, MW003, MW009, MW021, MW024, MW033 through MW038, MW043, MW044, MW046 and MW058. TPH was detected in MW001, MW033, MW036, MW037, MW038, MW043, MW044 and MW046. TPH was analyzed for GRO and DRO hydrocarbons and the results added for the TPH value. The December 2004/January 2005 isoconcentration map for TPH concentrations in the shallow wells is presented in Figure 7.

Groundwater samples from the following fifty-two shallow wells were analyzed for dissolved chromium and hexavalent chromium: MW001 through MW004, MW007 through MW015, MW018, MW020, MW021, MW023 through MW038, MW043 through MW047, MW058 through MW061, MW068 through MW070, MW008M, MW011M, MW012M, MW088M, IW001, IW002, RW002 and RW003. The MCL for chromium is 0.1 mg/L. Chromium analytical results for MW003, MW004, MW008, MW009, MW011, MW012, MW013, MW014, MW023, MW034, MW038, MW044, MW045, MW047, MW058, MW061, MW008M, MW011M, MW088M, IW001 and RW002 were reported above the MCL. The December 2004/January 2005 isoconcentration map for chromium concentrations in the shallow wells is presented in Figure 9. Hexavalent chromium concentrations exceeded 0.1 mg/L in the following wells: MW004, MW008, MW009, MW011 through MW014, MW023, MW034, MW044, MW047, MW058, MW059 and MW061. The December 2004/January 2005 isoconcentration map for hexavalent chromium concentrations in the shallow wells is presented in Figure 11.

Groundwater samples from the following forty-seven shallow wells were also analyzed for chloride: MW001 through MW004, MW007 through MW015, MW018, MW020, MW021, MW023 through MW028, MW030, MW032 through MW038, MW044, MW045, MW047, MW058 through MW061, MW068, MW069, MW008M, MW011M, MW012M, MW088M, IW001, IW002, RW002 and RW003. Chloride concentrations exceeded 250 mg/L (the SL for chloride) in the following wells: IW001, IW002, MW002 through MW04, MW007 through MW015, MW008M, MW011M, MW012M, MW020, MW023, MW024, MW026, MW027, MW028, MW032, MW033, MW034, MW036, MW037, MW044, MW045, MW047, MW060, MW061, MW068, MW069, RW002 and RW003. The December 2004/January 2005 isoconcentration map for chloride concentrations in the shallow wells is presented in Figure 13.

4.1.5.2 Deep Wells, December 2004/January 2005 Groundwater Sampling Event Analytical Results

Seventy-seven deep wells were sampled during the December 2004/January 2005 sampling event. The sampled wells included fifty-eight monitor wells, thirteen

injection wells, five water wells, and one recovery well. The fifty-eight monitor wells that were sampled include MW002A, MW004A, MW007A through MW009A, MW011A through MW024A, MW039A through MW042A, MW046A, MW048SA through MW057SA, MW062A, MW063A, MW064SA through MW067SA, MW070A, MW071SA through MW086SA, and MW087A. The thirteen injection wells include IW003 through IW010, IW011, and IW013 through IW016. IW012 was not sampled because it was dry. The five water wells sampled include EPWW1, GOPWW2, LordWW, RowlandWW, and WoodellWW. Finally, the recovery well that was sampled is RW004A.

The groundwater samples obtained from the seventy-seven deep wells were analyzed for one or more of the following constituents: chromium, hexavalent chromium, BTEX, and TPH. The TPH analyses have been broken into GRO with a carbon atom range from C_6 through C_{12} and DRO with a carbon atom range from C_{10} through C_{32}. TPH concentrations were calculated as the sum of GRO and DRO. Analytical results for BTEX and TPH are presented in Table 3, metals are presented in Table 4, and inorganics are presented in Table 5. Analytical methods are presented in Table 8.

Groundwater samples from the following nine deep wells were analyzed for BTEX: MW009A, MW039A, MW046A, MW049SA, MW051A, MW071SA, MW074SA, MW077SA, and MW078SA. BTEX was detected in MW077SA and MW078SA. Benzene concentrations were also reported in MW077SA and MW078SA at concentrations below the MCL. All other deep wells sampled were reported below laboratory quantitation limits. Toluene, ethylbenzene and xylenes concentrations were below their respective MCLs of 1.0 mg/L, 0.7 mg/L, and 10 mg/L in all samples. The December 2004/January 2005 isoconcentration map for BTEX concentrations in the deep wells is presented in Figure 4. The December 2004/January 2005 isoconcentration map for benzene concentrations in the deep wells is presented in Figure 6.

Groundwater samples from the following nine deep wells were analyzed for TPH: MW009A, MW039A, MW046A, MW049SA, MW051SA, MW071SA, MW0074SA, MW077SA, and MW078SA. TPH was detected in MW046A. TPH was analyzed for GRO and DRO hydrocarbons and the results combined and reported as the TPH value. The December 2004/January 2005 isoconcentration map for TPH concentrations in the deep wells is presented in Figure 8.

Groundwater samples from the following seventy-six deep wells were analyzed for dissolved chromium and hexavalent chromium: MW004A, MW007A through MW009A, MW011A through MW024A, MW039A through MW042A, MW046A, MW048SA through MW057SA, MW062A, MW063A, MW064SA through MW067SA, MW070A, MW071SA through MW086SA, MW087A, IW003 through

IW010, IW013, IW016, EPWW1, GOPWW2, LordWW, RowlandWW, WoodellWW, and RW004A. The MCL for chromium is 0.1 mg/L. Chromium analytical results for the following deep wells were reported above the MCL: MW004A, MW007A through MW009A, MW011A, MW024A, MW039A, MW041A, MW046A, MW048SA, MW050SA through MW052SA, MW055SA, MW056SA, MW064SA, MW066SA, MW087A, IW003 through IW010, IW013, IW016, EPWW1, and LordWW. The December 2004/January 2005 isoconcentration map for chromium concentrations in the deep wells is presented in Figure 10. Hexavalent chromium concentrations exceeded 0.1 mg/L in the following wells: MW007A through MW009A, MW011A, MW039A, MW041A, MW048SA, MW050SA, MW051SA, MW054SA, MW055SA, MW064SA, MW066SA, MW087A, EPWW1, and LordWW. The December 2004/January 2005 isoconcentration map for hexavalent chromium concentrations in the deep wells is presented in Figure 12.

Groundwater samples from the following seventy-seven deep wells were analyzed for chloride: MW002A, MW004A, MW007A through MW009A, MW011A through MW024A, MW039A through MW042A, MW046A, MW048SA through MW057SA, MW062A, MW063A, MW064SA through MW067SA, MW070A, MW071SA through MW086SA, MW087A, IW003 through IW009, IW010, IW011, IW013 through IW016, EPWW1, GOPWW2, LordWW, RowlandWW, WoodellWW, and RW004A. Chloride concentrations exceeded 250 mg/L in the following deep wells: MW002A, MW004A, MW007A through MW009A, MW011A, MW015A, MW016A, MW019A through MW022A, MW024A MW041A , MW042A, MW046A, MW048SA through MW057SA, MW064SA through MW067SA, MW071SA through MW086SA, MW087A, IW003 through IW009, IW010, IW011, IW013 through IW016, EPWW1, GOPWW2, LordWW, RowlandWW, WoodellWW, and RW004A. The December 2004/January 2005 isoconcentration map for chloride concentrations in the deep wells is presented in Figure 14.

4.1.5.3 Shallow Wells, May/June 2005 Groundwater Sampling Event Analytical Results

Fifty-three shallow wells were sampled during the May/June 2005 sampling event. The sampled wells include: forty-five monitor wells; four middle zone monitor wells; two injection wells; and two recovery wells. The forty-five monitor wells sampled include MW001 through MW005, MW007 through MW015, MW018, MW020, MW021, MW023 through MW038, MW043 through MW047, MW058 through MW061 and MW068 through MW070. The four middle zone monitor wells sampled include MW008M, MW011M, MW012M, and MW088M. The two injection wells sampled are IW001 and IW002. The two recovery wells sampled are RW002 and RW003.

The groundwater samples obtained from the wells were analyzed for dissolved chromium, hexavalent chromium, BTEX, and TPH. The TPH analyses have been

broken into GRO with a carbon atom range from C_6 through C_{12} and DRO with a carbon atom range from C_{10} through C_{32}. TPH concentrations were calculated as the sum of GRO and DRO. Analytical results for BTEX and TPH are presented in Table 3, metals are presented in Table 4, and inorganics are presented in Table 5. Analytical methods are presented in Table 8.

Groundwater samples from the following twenty shallow wells were analyzed for BTEX: MW001, MW002, MW004, MW005, MW009, MW021, MW023, MW024, MW033 through MW038, MW043 through MW047 and MW058. BTEX was detected in MW001, MW005, MW021, MW033, MW035 through MW038, MW043, MW045 and MW046. Benzene concentrations exceeded the maximum contaminant level (MCL, 0.005 mg/L) in MW001, MW005, MW033, MW037, MW038 and MW046. Toluene, ethylbenzene and xylenes concentrations were both below their respective MCLs of 1.0 mg/L, 0.7 mg/L and 10 mg/L in all samples. The May/June 2005 isoconcentration map for BTEX concentrations in the shallow wells is presented in Figure 15. The May/June 2005 isoconcentration map for benzene concentrations in the shallow wells is presented in Figure 17. In addition, PSH continued to be encountered and was measured in MW006 (see Table 7).

Groundwater samples from the following twenty shallow wells were analyzed for TPH: MW001, MW002, MW004, MW005, MW009, MW021, MW023, MW024, MW033 through MW038, MW043 through MW047, and MW058. TPH was detected in MW001, MW005, MW021, MW033, MW035 through MW038, and MW043 through MW046. TPH was analyzed for GRO and DRO hydrocarbons and the results added for the TPH value. The May/June 2005 isoconcentration map for TPH concentrations in the shallow wells is presented in Figure 19.

Groundwater samples from the following fifty-three shallow wells were analyzed for dissolved chromium: MW001 through MW005, MW007 through MW015, MW018, MW020, MW021, MW023 through MW038, MW043 through MW047, MW058 through MW061, MW068 through MW070, MW008M, MW011M, MW012M, MW088M, IW001, IW002, RW002, and RW003. The MCL for chromium is 0.1 mg/L. Chromium concentrations exceeded the MCL in the following wells: MW003, MW004, MW009, MW011 through MW014, MW023, MW024, MW034, MW038, MW044, MW047, MW058, MW061, MW011M, and MW088M. The May/June 2005 isoconcentration map for chromium concentrations in the shallow wells is presented in Figure 21.

Groundwater samples from the following eleven shallow wells were analyzed for hexavalent chromium: MW008, MW011, MW012, MW008M, MW011M, MW012M, MW088M, IW001, IW002, RW002, and RW003. Hexavalent chromium concentrations exceeded 0.1 mg/L in the following wells: MW011 and MW012. The

May/June 2005 isoconcentration map for hexavalent chromium concentration in the shallow wells is presented in Figure 23.

Groundwater samples from the following fifty-three shallow wells were analyzed for chloride: MW001 through MW005, MW007 through MW015, MW018, MW020, MW021, MW023 through MW038, MW043 through MW047, MW058 through MW061, MW068 through MW070, MW008M, MW011M, MW012M, MW088M, IW001, IW002, RW002, and RW003. Chloride concentrations exceeded 250 mg/L in the following wells: MW002 through MW005, MW007 through MW015, MW018, MW020, MW021, MW023 through MW028, MW030, MW032 through MW034, MW036 through MW038, MW044, MW045, MW047, MW058 through MW061, MW068, MW069, MW008M, MW011M, MW012M, MW088M, IW001, IW002, RW002, and RW003. The May/June 2005 isoconcentration map for chloride concentrations in the shallow wells is presented in Figure 25.

4.1.5.4 Deep Wells, May/June 2005 Groundwater Sampling Event Analytical Results

Seventy-nine deep wells were sampled during the May/June 2005 sampling event. The sampled wells included fifty-eight monitor wells, fifteen injection wells, five water wells, and one recovery well. The fifty-eight monitor wells that were sampled include: MW002A, MW004A, MW007A through MW009A, MW011A through MW024A, MW039A through MW042A, MW046A, MW048SA through MW057SA, MW062A, MW063A, MW064SA through MW067SA, MW070A, and MW071SA through MW086SA, and MW087A. The fifteen injection wells include IW003 through IW016 and IW028. The five water wells sampled include EPWW1, GOPWW2, LordWW, RowlandWW, and WoodellWW. Finally, the recovery well that was sampled is RW004A.

The groundwater samples obtained from the seventy-nine deep wells were analyzed for chromium, hexavalent chromium, BTEX, and TPH. The TPH analyses have been broken into GRO with a carbon atom range from C_6 through C_{12} and DRO with a carbon atom range from C_{10} through C_{32}. TPH concentrations were calculated as the sum of GRO and DRO. Analytical results for BTEX and TPH are presented in Table 3, metals are presented in Table 4, and inorganics are presented in Table 5. Analytical methods are presented in Table 8.

Groundwater samples from the following ten deep wells were analyzed for BTEX: MW018A, MW024A, MW046A, MW048A, MW049SA, MW057SA, MW074SA, MW076SA, MW077SA, and EPWW1. BTEX concentrations were reported below laboratory quantitation limits in all of the deep wells sampled. Toluene, ethylbenzene and xylenes concentrations were below their respective MCLs of 1.0 mg/L, 0.7 mg/L and 10 mg/L in all samples. The May/June 2005 isoconcentration map for BTEX

concentrations in the deep wells is presented in Figure 16. The May/June 2005 isoconcentration map for benzene concentrations in the deep wells is presented in Figure 18.

Groundwater samples from the following ten deep wells were analyzed for TPH: MW018A, MW024A, MW046A, MW048A, MW049SA, MW057SA, MW074SA, MW076SA, MW077SA, and EPWW1. TPH was detected in MW046A. TPH was analyzed for GRO and DRO and the results added to obtain the TPH value. The May/June 2005 isoconcentration for TPH concentrations in the deep wells is presented in Figure 20.

Groundwater samples from the following seventy-nine deep wells were analyzed for dissolved chromium: MW002A, MW004A, MW007A through MW009A, MW011A through MW024A, MW039A through MW042A, MW046A, MW048SA through MW057SA, MW062A, MW063A, MW064SA through MW067SA, MW070A, MW071SA through MW086SA, MW087A, IW003 through IW016, IW028, EPWW1, GOPWW2, LordWW, RowlandWW, WoodellWW, and RW004. Chromium analytical results for the following deep wells were reported above the 0.1 mg/L MCL: MW004A, MW007A, MW009A, MW011A, MW024A, MW039A, MW041A, MW046A, MW048SA, MW050SA through MW052SA, MW054SA through MW056SA, MW064SA, MW066SA, MW083SA, MW085SA, MW087A, IW003, IW005, IW006, IW010, IW013, IW015, IW028, EPWW1, and LordWW. The May/June 2005 isoconcentration map for chromium concentrations in the deep wells is presented in Figure 22.

Groundwater samples from the following thirty-two deep wells were analyzed for hexavalent chromium: MW008A, MW011A, MW012A, MW065SA, MW066SA, MW071SA, MW072SA, MW079SA through MW086SA, MW087A, IW003 through IW016, IW028, and RW004A. Hexavalent chromium concentrations exceeded 0.1 mg/L in the following wells: MW011A, MW066A, MW084SA, MW087A, and IW028. The May/June 2005 isoconcentration map for hexavalent chromium concentrations in the deep wells is presented in Figure 24.

Groundwater samples from the following seventy-nine deep wells were analyzed for chloride: MW002A, MW004A, MW007A through MW009A, MW011A through MW024A, MW039A through MW042A, MW046A, MW048SA through MW057SA, MW062A, MW063A, MW064SA through MW067SA, MW070A, MW071SA through MW086SA, MW087A, IW003 through IW016, IW028, EPWW1, GOPWW2, LordWW, RowlandWW, WoodellWW, and RW004. Chloride concentrations exceeded 250 mg/L in the following deep wells: MW002A, MW004A, MW007A through MW009A, MW011A, MW015A, MW016A, MW019A through MW024A, MW041A, MW042A, MW046A, MW048SA through MW052SA, MW054SA

through MW 056SA, MW064SA through MW066SA, MW071SA through MW077SA, MW079SA through MW086SA, MW087A, IW003 through IW007, IW009 through IW016, IW028, EPWW1, GOPWW2, RowlandWW, WoodellWW, and RW004A. The May/June 2005 isoconcentration map for chloride concentrations in the deep wells is presented in Figure 26.

4.1.6 Phase-Separated Hydrocarbons

This section discusses the recovery methodologies as well as the volume of PSH recovered from MW005 and MW006. These wells are located adjacent to the excavated and backfilled north sump.

4.1.6.1 PSH Measurement, Recovery and Disposal Methods

The PSH in the monitor wells was identified and measured using an oil-water interface probe. The measurements are presented in Table 7. The PSH was recovered using a 1 5/8" polyethylene disposable bailer. The bailer was lowered into the well to the top of the PSH and allowed to sink slowly. The recovered PSH and water were placed in a five-gallon bucket and volumes measured. The PSH and water were then transferred and accumulated in a 55-gallon steel drum. After accumulating a sufficient quantity, the drummed PSH and water were transported to the Rice Operating sump located within the Dynegy plant where it was deposited with other oil being accumulated for reuse. The results of the PSH thicknesses and recovered volumes are located in Table 7.

4.1.6.2 PSH Recovery Volumes

A PSH thickness has not been recorded in MW005 between September 2004 and June 2005.

The greatest PSH thickness of 2.21 feet has been measured in MW006 between September 2004 and June 2005. A total of 8.47 gallons of PSH were recovered from MW006 between September 2004 and June 2005, and disposed of in a NMOCD-permitted deep injection well.

4.1.7 Groundwater Chromium Remediation

Remediation of chromate-impacted groundwater was underway in two areas as of October 2005. One, believed to be located in the global Study Area, is approximately 200 to 800 feet south to southwest of the plant. Remediation of the Study Area has been operational for approximately 18 months. The second, located at the distal end of

the chromate plume, is approximately 2,800 feet east-northeast of the plant. The distal array has been operational for approximately nine months.

There are three injection systems located in what is believed to be the Study Area. Each of the three systems consists of one injection well with an associated array of monitor wells located at various distances from the injection well, along slightly different directions, and screened through various intervals. The locations of each of the injection wells and associated monitor wells are shown on Figure 2. The Study Area systems are evaluating the IRZ effects in the shallow, middle, and deep zones identified in the Study Area.

At the distal end of the plume, there is an array of fourteen injection wells installed across the plume toe. Monitor well arrays have been installed at each end of the injection array with various distances and directions being evaluated. At the distal end of the plume, the saturated interval is treated as one unit, rather than the three units present at the Study Area. The configuration of the distal injection array and associated monitor wells is shown in Figure 2. A cross-section illustrating the site geology, well construction, and water table elevation is shown in Figure 28.

At the distal treatment zone, the hydrogeology is dominated by an erosional high in the underlying Triassic red bed unit. For this reason, the total screened intervals of the wells in the injection array vary significantly. The ends of the array have a greater saturated interval and the center significantly less. During some sampling events, a few of the injection wells installed in the center of the distal array are actually above the water table and are dry.

4.1.7.1 Summary of IRZ Performance

The treatment of chromate via IRZ technology stimulates multiple processes that are capable of reducing the soluble chromate oxyanion into insoluble cationic Cr III hydroxides. Direct action by bacteria, reaction with reducing carbon species (as demonstrated in the area impacted with petroleum hydrocarbons), reactions with ferrous iron produced from the geologic matrix by stimulated iron reducing bacteria, and reaction with sulfide produced from the reduction of sulfate by stimulated sulfate reducing bacteria all contribute to the remediation process.

The initial response of the IRZ program is typically indicated by a lowering of the ORP followed by the detection of low concentrations of iron. Deeper IRZ response is represented by a further decline of the ORP to negative values, the appearance of significant concentrations of total iron, the disappearance of sulfate, and the appearance of elevated dissolved concentrations of carbon dioxide and methane. Direct influence of the injection solutions is represented by increases in total organic carbon (TOC).

Where hexavalent and dissolved chromium have been reduced to low or non-detect concentrations, it has sometimes taken place during the transition from the initial to the deep chemical response. This indicates that the conditions required for chromate removal do not have to be associated with extremely high concentrations of TOC or deeply anaerobic redox conditions.

In addition to the biogeochemical processes outlined above, the hydrogeology also plays an important role in the application of IRZ technology. Advective flow during an injection event followed by native groundwater advective flow, dispersion and diffusion all contribute to distribute the IRZ reactive processes downgradient from an injection point. The Study Area is a zone of relatively low native groundwater velocity and the distal array is an area of relatively high native groundwater velocities.

During the month of September, a continuous low flow injection system was installed and operated for a short period of time to evaluate the hydrologic effectiveness of continuous injection as well as implement an injection program more cost-effective than that based on a manual batch injection regime. Native groundwater velocities at the distal array were and are sufficient to allow for the periodic injection to be effective.

Because the batch injection program in the Study Area had been on-going for some time, and the injection and monitor wells located in the Study Area had been redeveloped the previous year, and most importantly, the short time of duration since initial start up of the low-flow continuous injection system, there was not enough data to provide a clear evaluation of the hydrodynamic nor biogeochemical impact of the continuous low-flow injection program.

Following is a summary of critical conditions at the Study Area and the distal array.

The Study Area

During the operation of the 2005 largely batch injection program, it has become increasingly obvious that the dominant transport pathway is along a preferential horizontal horizon defined by the M Zone wells. These wells are screened between 75 to 90 feet bgl. Irrespective of the configuration of the injection well local to the individual study areas, following are typical conditions in the M Zone monitor wells:

1. ORP is deeply negative from -200 to -300 mV;
2. TOC concentrations are elevated, from 300 to 2000 mg/L; and
3. Dissolved carbon dioxide and/or methane concentrations are elevated.

In general, the wells associated with IW002 are not responding as strongly as the other two pilot areas. In all cases, the hexavalent chromium has been reduced from low single digit mg/L values to values below the analytical detection limit.

Monitor wells MW008A, RW003, and the newly installed MW088M behave in this fashion as well.

The following monitor wells have also had the concentration of hexavalent chromium decline to values below the analytical detection limit: MW008, MW087A, RW002 and MW012A. Their biogeochemical characteristics are as follows:

1. ORP in the range of -143 to -300 mv;
2. TOC in the range of 10 to 50 mg/L; and
3. An increase in concentration of dissolved gases (carbon dioxide to a greater degree than methane).

Monitor wells MW011, MW011A, and MW012 have not developed IRZ conditions sufficient to show significant treatment of hexavalent chromium. These wells are predominantly in the shallow zone, and wells for which the design and implementation of the low-flow continuous feed injection system were significantly focused. The biogeochemical properties of these wells are as follows:

1. ORP in the range of -140 mV to + 117 mV;
2. TOC in the range of 30 to 80 mg/L;
3. Lower to no dissolved carbon dioxide or methane concentrations;
4. No generation of total iron; and
5. Little to no removal of hexavalent chromium.

It is obvious that all of the Study Area monitor wells and injection wells are installed in a moderately complex heterogeneous hydraulic system. There are trends with a preferential flow zone between 75 to 90 feet bgl and poor flow through the shallowest portions of the treatment zone, but there are some exceptions as well. Once again, the design and implementation of the low-flow continuous injection program was intended to overcome these variations.

The Distal Treatment Array

The hydrogeologic conditions at the distal array are much different than those at the Study Area. The saturated interval is generally less, gradients greater, groundwater velocities higher, and the impact of low-flow heterogeneous conditions less (at least to date). The monitor wells directly adjacent to the injection wells were incorporated into the IRZ treatment zone within months of the start up of the injection program (with the exception of wells that are upgradient of the injection array). In the case of the distal array, of greatest interest are the downgradient indications of influence of the injection program. The downgradient effects by the end of the reporting period are best seen in wells that are located downgradient of the central portion of the injection array. Examples include:

- MW066SA - Located 240 downgradient of the injection array
    1. ORP is -121 mV;
    2. TOC is 32 mg/L;
    3. Iron is 1.8 mg/L; and
    4. Hexavalent chromium has been reduced from 0.32 to 0.04 mg/L.
- MW071SA – Located 700 feet downgradient of the injection array
    1. ORP has been recorded at -285 mV;
    2. TOC is 45 mg/L;
    3. Sulfate has been reduced to 63 mg/L; and
    4. Hexavalent chromium has been reduced from 0.12 to <0.005 mg/L.
- MW072SA – Located 730 feet downgradient of the injection array
    1. ORP has been reduced to -131 mV; and
    2. TOC is 36 mg/L.

In this case, in addition to more rapid groundwater velocities, there are likely preferential pathways being exploited by the injected reagents as well.

In summary, the removal of hexavalent and total dissolved chromium has been demonstrated in most of the Study Area monitor wells and in monitor wells out to 700 feet at the distal array. At the Study Area, the data indicates that hydraulic access to the shallow portion of the saturated zone is limited. The short lived continuous low-flow injection system was designed to aid in addressing that issue. At the distal array, injection modifications of the injection program to increase intervals between injections, decreased volume of injections and decreased reagent concentrations were in progress at the end of the report period. In addition, treatment efficacy over acceptable downgradient intervals had been established.

4.2 Waste Disposal

Wastewater generated from the development, sampling, and testing of monitor, recovery, injection, and water wells has been characterized and disposed of in two ways: 1) wastewater has been drummed and stored on location and periodically removed by oil-field vacuum truck for disposal into a New Mexico Oil Conservation Division (NMOCD) permitted deep injection well; and 2) wastewater has also been disposed in the plant wastewater sump along with plant wastewater.

The PSH and wastewater generated during PSH recovery has been deposited in the plant sump. The PSH and water are separated within the sump. The PSH is accumulated with oil from the plant for reuse, and the wastewater is disposed of in a NMOCD-permitted deep injection well.

5 Conclusions

Beginning in 1995, several environmental investigations have been conducted at the Chevron Eunice #2 (North) Gas Plant, Eunice, New Mexico. These investigations have produced data confirming hydrocarbon, chromium, and chloride ion invasion of the Tertiary Ogallala. Remediation activities have begun addressing the PSH on the groundwater, and chromium in the groundwater. The chloride ion investigation also continues in the subject area. However, it appears that the sources of much of the chloride impacts are off-site and unrelated to plant activities.

In order to determine the extent of the contamination and the effectiveness of remedial activities, groundwater samples from numerous wells have been analyzed for the following COCs: BTEX, TPH, chromium, hexavalent chromium, and chloride. In addition to the COCs, selected groundwater samples were analyzed for additional metals (see Table 4), inorganics or major dissolved minerals (see Table 5), total organic carbon (see Table 5), and permanent gases (see Table 5). The following field parameters were also measured during sampling: temperature, pH, specific

conductance, dissolved oxygen, oxidation-reduction potential, iron, and sulfide (see Table 6).

The COCs for the investigation of the hydrocarbon impacts have been in the form of PSH as light nonaqueous phase liquids and dissolved hydrocarbons in groundwater. The COCs for the investigation of chromium impacts have been in the form of total chromium, dissolved total chromium, and dissolved hexavalent chromium. The COC for the investigation of saltwater impacts have been in the form of chloride ion. The results of the most recent sampling events spanning December 2004 to June 2005 are described in the following sections.

5.1 Groundwater Hydrocarbons

The dissolved and PSH hydrocarbon plumes in the Ogallala Aquifer groundwater in the area of the plant site have been fully defined. Groundwater from selected wells has been sampled and analyzed for BTEX and TPH. The following six wells had BTEX concentrations above the laboratory's minimum quantitation limit: MW001, MW033, MW037, MW038, MW077SA, and MW078SA. The following thirteen wells had TPH concentrations above the laboratory's quantitation limits: MW001, MW005, MW021, MW033, MW035, MW036, MW037, MW038, MW043, MW044, MW045, MW046, and MW046A. No MCL or SL exists for BTEX or TPH. There are however, MCLs for the BTEX constituents' benzene, toluene, ethylbenzene, and xylenes. Each of these compounds will be reviewed in detail below.

Several shallow monitor wells located within the plant site have benzene levels exceeding the EPA MCL (0.005 mg/L) for drinking water (see Figures 5 and 17). The benzene-affected area within the plant site includes MW001, MW005, MW033, MW036, MW037, MW038, and MW046. The benzene concentrations in MW001 and MW046 met or exceeded the MCL with concentrations of 0.005 mg/L and 0.020 mg/L, respectively, during the May/June 2005 sampling, but were below the MCL during the December 2004/January 2005 sampling. MW005 exhibited a benzene concentration of 0.81 mg/l, which is above the MCL, during the May/June 2005 sampling. MW005 has not been historically sampled due to PSH measurement and recovery from the well. MW033, located approximately ¼-mile south of the plant site, contained benzene above the MCL. The benzene detected in MW033 does not appear to be related to the historic plant operations. The other three wells were above the MCL for benzene in both sampling events. Only two deep wells exhibited a benzene concentration exceeding the MCL. The benzene concentrations in MW077SA and MW078SA were 0.052 mg/L and 0.050 mg/L, respectively, during the December 2004/January 2005 sampling, but were below the MCL during the May/June 2005 sampling.

Toluene concentrations exceeded the minimum laboratory quantitation limits in four of the wells sampled: MW001, MW033, MW035, and MW046. The MCL of 1.0 mg/L was exceeded in MW033. MW033 exceeded the MCL with 1.8 mg/L for the December 2004/January 2004 sample and with 1.3 mg/L for the May/June 2005 sample.

Ethylbenzene concentrations exceeded the minimum laboratory quantitation limits in twelve of the wells sampled: MW001, MW005, MW021, MW033, MW035, MW036, MW037, MW043, MW045, MW046, MW077SA, and MW078SA. The MCL of 0.7 mg/L was not exceeded in any of the wells sampled during either sampling event.

Xylenes concentrations exceeded the minimum laboratory quantitation limits in seven of the wells sampled: MW001, MW033, MW036, MW037, MW046, MW077SA, and MW078SA. The MCL of 10.0 mg/L was not exceeded in any of the wells sampled during either sampling event.

As a point of interest regarding site remediation, the hydrocarbons in the groundwater are assisting in the remediation of the chromium by providing carbohydrate solution to the groundwater, encouraging the proliferation of bacteria. This in turn produces a reducing environment within the aquifer, resulting in chemical precipitation of the chromium. In addition, the chromium may be reacting directly with the hydrocarbon in an abiotic reaction. In the area where the dissolved hydrocarbon exists, chromium concentrations were found to be below laboratory quantitation limits (Compare Figure 3 with Figures 9 and 11 and Figure 15 with Figures 21 and 23).

5.2 Groundwater Chromium

The chromium plume has been fully defined and delineated in the subject area. The Ogallala Aquifer underlying the Site has poor but definite vertical hydraulic conductivity, resulting in stratified concentrations of chromium within the aquifer. The chromium impact has been evaluated on the basis of the "deep" Ogallala Aquifer and the "shallow" Ogallala Aquifer zones. As noted in the isoconcentration maps attached to this report (see Figures 9 through 12 and 21 through 24), the chromium impact in the shallow and shallow/middle portion of the Ogallala covers an area in places different from the chromium plume in the deep portion of the aquifer in the area of the plant site. This results in the shallow chromium plume overlying portions of the deep zone containing chromium below the MCL. The lack of movement of chromium to the lower zone of the aquifer indicates that the chromium has not fully penetrated the vertical extent of the aquifer in all areas.

The highest concentrations of chromium in the deep zone of the aquifer occur under the southwestern part, southern part and in an area immediately east of the site, and appear to move with the hydraulic gradient eastward following what appears to be the naturally occurring hydraulic gradient (Figures 10 and 22). The deep zone merges with the shallow zone of the aquifer east of the plant site. The aquifer, from the point of merger eastward, is considered, geologically, to be part of the deep zone. All monitor wells drilled east of the merger point fully penetrate, and are screened throughout, the saturated portion of the aquifer. In the shallow zone of the aquifer, the highest chromium concentrations occur southwest and south of the plant site and immediately to the east of the plant site (Figures 9 and 21).

5.2.1 Chromium Remediation

The program for in-situ chromate remediation has been designed to evaluate a potentially complex multi-layer hydrogeologic system and to exploit the Site hydrodynamics and biogeochemistry in order to optimize the design and implementation of a full-scale in-situ system in the most cost-effective and time-efficient manner possible.

Remediation of the chromate impacted groundwater is underway in two areas. The first, located in the Study Area, is approximately 200 and 800 feet south to southwest of the plant. Remediation of the Study Area has been operational for approximately 18 months. The second, located at the distal end of the chromate plume, is approximately 2,800 feet to the east-northeast of the plant. The distal array has been in operation for approximately nine months.

The Study Area wells were originally located to prove the IRZ remediation technology, and were placed in an area of higher chromate concentrations and complex geology. A continuous low-flow injection system was designed, installed, and operated for a short period at the end of this report period to enhance performance in the Study Area. The distal injection wells are distributed in an approximate line from north to south and perpendicular to the direction of groundwater flow. The distal wells have been situated as to allow the injected carbohydrate solution to intercept the eastern-most end of the chromate plume, arresting its movement to the east. This IRZ became firmly established during the reporting period, and operations were in the process of being modified to more accurately reflect maintenance conditions rather than start-up conditions for the IRZ.

5.3 Groundwater Chloride

Chloride ion impacts to the Ogallala Aquifer at the Site have also been identified, much of which appears to have originated off-site and is unrelated to historic plant operations

(see Figures 13, 14, 25 and 26). The highest concentrations appear at sites southwest and south of the site (currently upgradient) and east of the plant site (downgradient). The sources of the high chloride concentrations have not yet been identified with any certainty.

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Table 1
Summary of Well Details
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Well Id	Casing/Screen Diameter	Surveyed Measuring Point (MP) Elevation *	Surveyed Ground Elevation *	Screen Interval (feet BGL)	Top of Screen (feet BGL)	Bottom of Screen (feet BGL)	Top of Screen Elevation *	Bottom of Screen Elevation *	Base of Ogallala (feet BGL)	Base of Ogallala Elevation *	Completed Well Depth (feet BGL)	Completed Well TD Elevation *
MW001	4	3428.57	3428.79	48-68	48	68	3380.79	3360.79			68.31	3360.48
MW002	4	3432.17	3432.29	48-68	48	68	3384.29	3364.29			68.88	3363.41
MW002A	4	3432.30	3432.30	103-123	103	123	3329.30	3309.30	123	3309.30	124.39	3307.91
MW003	4	3428.27	3426.10	48-68	48	68	3378.10	3358.10			68.17	3357.93
MW004	4	3423.38	3423.59	46.5-66.5	46.5	66.5	3377.09	3357.09			66.56	3357.03
MW004A	4	3423.57	3423.59	94.2-104.2	94.2	104.2	3329.39	3319.39	104	3319.59	103.89	3319.70
MW005	4	3424.77	3425.49	48-68	48	68	3377.49	3357.49			68.00	3357.49
MW006	4	3425.26	3425.09	48-68	48	68	3377.09	3357.09			68.00	3357.09
MW007	4	3428.39	3426.28	46.29-66.29	46.29	66.29	3379.99	3359.99			65.85	3360.43
MW007A	4	3428.13	3426.28	94.31-104.31	94.31	104.31	3331.97	3321.97	110	3316.28	104.31	3321.97
MW008	4	3430.13	3427.90	46.62-66.62	46.62	66.62	3381.28	3361.28			66.30	3361.60
MW008A	4	3430.01	3427.90	105.5-113.4	105.5	113.4	3322.40	3314.50	113	3314.90	112.78	3315.12
MW008M	4	3430.27	3427.95	75-85	75	85	3352.95	3342.95			85.74	3342.21
MW009	4	3427.63	3425.09	46.66-66.66	46.66	66.66	3378.43	3358.43			66.32	3358.77
MW009A	4	3427.48	3425.09	93-100.6	93	100.6	3332.09	3324.49	100	3325.09	100.19	3324.90
MW010	4	3419.42	3419.77	44.75-65.1	44.75	65.1	3375.02	3354.67			65.24	3354.53
MW011	4	3431.49	3429.07	46.5-66.5	46.5	66.5	3382.57	3362.57			66.66	3362.41
MW011A	4	3431.77	3429.28	107.5-115	107.5	115	3321.78	3314.28	116	3313.28	115.27	3314.01
MW011M	4	3431.21	3429.38	80-90	80	90	3349.38	3339.38			90.87	3338.51
MW012	4	3429.51	3427.69	46.5-66.5	46.5	66.5	3381.19	3361.19			66.22	3361.47
MW012A	4	3429.92	3427.42	106.1-113.6	106.1	113.6	3321.32	3313.82	116	3311.42	113.90	3313.52
MW012M	4	3430.06	3427.77	80-90	80	90	3347.77	3337.77			89.06	3338.71
MW013	4	3423.11	3424.40	40-60.2	40	60.2	3384.40	3364.20			60.71	3363.69
MW013A	4	3424.25	3424.39	96.3-106.44	96.3	106.44	3328.09	3317.95	110	3314.39	105.61	3318.78
MW014	4	3424.08	3424.31	41.19-61.19	41.19	61.19	3383.12	3363.12			61.19	3363.12
MW014A	4	3423.90	3424.20	95.15-105.15	95.15	105.15	3329.05	3319.05	109	3315.20	105.42	3318.78
MW015	4	3420.40	3420.55	35-55	35	55	3385.55	3365.55			54.46	3366.09
MW015A	4	3420.55	3420.65	92.20-102.30	92.2	102.3	3328.45	3318.35	103	3317.65	102.49	3318.16

Table 1
Summary of Well Details
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

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Well Id	Casing/Screen Diameter	Surveyed Measuring Point (MP) Elevation *	Surveyed Ground Elevation *	Screen Interval (feet BGL)	Top of Screen (feet BGL)	Bottom of Screen (feet BGL)	Top of Screen Elevation *	Bottom of Screen Elevation *	Base of Ogallala (feet BGL)	Base of Ogallala Elevation *	Completed Well Depth (feet BGL)	Completed Well TD Elevation *
MW016A	4	3419.92	3419.90	81.51-91.60	81.51	91.6	3338.39	3328.30	91	3328.90	91.85	3328.05
MW017A	4	3424.38	3424.48	93.5-103.6	93.5	103.6	3330.98	3320.88	106	3318.48	103.98	3320.50
MW018	4	3417.15	3417.39	35-55	35	55	3382.39	3362.39			54.30	3363.09
MW018A	4	3416.86	3417.04	71.38-81.55	71.38	81.55	3345.66	3335.49	81	3336.04	81.76	3335.28
MW019A	4	3414.74	3414.95	62.2-72.4	62.2	72.4	3352.75	3342.55	72	3342.95	72.52	3342.43
MW020	4	3420.85	3418.50	35-55	35	55	3383.50	3363.50			55.69	3362.81
MW020A	4	3421.14	3418.50	71-81	71	81	3347.50	3337.50	80	3338.50	77.87	3340.63
MW021	4	3422.72	3420.41	40-60	40	60	3380.41	3360.41			60.21	3360.20
MW021A	4	3422.94	3420.41	75.49-85.49	75.49	85.49	3344.92	3334.92	75	3345.41	85.49	3334.92
MW022A	4	3431.13	3428.50	90.4-100.4	90.4	100.4	3338.10	3328.10	105	3323.50	100.40	3328.10
MW023	4	3436.44	3433.99	46.64-66.04	44.64	66.04	3389.35	3367.95			67.01	3366.98
MW023A	4	3436.26	3434.31	110-120	110	120	3324.31	3314.31	118	3316.31	121.55	3312.76
MW024	4	3431.32	3429.07	36-86	36	86	3393.07	3343.07			87.26	3341.81
MW024A	4	3430.77	3428.98	89.46-99.46	89.46	99.46	3339.52	3329.52	106	3322.98	99.46	3329.52
MW025	4	3432.64	3432.84	46.45-66.45	46.45	66.45	3386.39	3366.39			66.45	3366.39
MW026	4	3432.04	3432.52	43.33-63.33	43.33	63.33	3389.19	3369.19			63.33	3369.19
MW027	4	3443.33	3443.72	51.39-70.43	51.39	70.43	3392.33	3373.29			71.97	3371.75
MW028	4	3451.63	3450.02	63.56-83.56	63.29	82.33	3386.73	3367.69			83.56	3366.46
MW029	4	3446.89	3444.76	59.89-78.54	59.89	78.54	3384.87	3366.22			79.31	3365.45
MW030	4	3439.84	3437.66	55-75	55	75	3382.66	3362.66			75.11	3362.55
MW031	4	3440.68	3438.47	54-74	54	74	3384.47	3364.47			74.81	3363.66
MW032	4	3442.22	3442.52	49.73-69.73	49.73	69.73	3392.79	3372.79			69.73	3372.79
MW033	4	3428.86	3429.06	33.7-63.7	33.7	63.7	3395.36	3365.36			63.70	3365.36
MW034	4	3418.76	3419.00	43.58-63.58	43.58	63.58	3375.42	3355.42			63.58	3355.42
MW035	4	3427.39	3424.98	43.13-63.13	43.13	63.13	3381.85	3361.85			63.13	3361.85
MW036	4	3425.49	3425.80	42-62	42	62	3383.80	3363.80			62.99	3362.81
MW037	4	3423.71	3424.07	42-62	42	62	3382.07	3362.07			62.09	3361.98
MW038	4	3425.23	3425.58	42-62	42	62	3383.58	3363.58			62.32	3363.26
MW039A	4	3435.71	3433.36	107-117	107	117	3326.36	3316.36	117	3316.36	117.23	3316.13
MW040A	4	3422.92	3423.25	100-110	100	110	3323.25	3313.25	109	3314.25	110.58	3312.67

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Eunice, Lea County, New Mexico

Well Id	Casing/Screen Diameter	Surveyed Measuring Point (MP) Elevation *	Surveyed Ground Elevation *	Screen Interval (feet BGL)	Top of Screen (feet BGL)	Bottom of Screen (feet BGL)	Top of Screen Elevation *	Bottom of Screen Elevation *	Base of Ogallala (feet BGL)	Base of Ogallala Elevation *	Completed Well Depth (feet BGL)	Completed Well TD Elevation *
MW041A	4	3418.42	3418.12	78-88	78	88	3340.12	3330.12	87	3331.12	88.25	3329.87
MW042A	4	3424.75	3425.07	89.86-99.86	89.86	99.86	3335.21	3325.21	100	3325.07	99.86	3325.21
MW043	4	3423.57	3422.55	42-62	42	62	3380.55	3360.55			63.02	3359.53
MW044	4	3420.41	3420.63	41.9-61.9	41.9	61.9	3378.73	3358.73			61.90	3358.73
MW045	4	3425.53	3425.33	46-66	46	66	3379.33	3359.33			66.72	3358.61
MW046	4	3426.81	3426.51	47.43-67.43	47.43	67.43	3379.08	3359.08			67.43	3359.08
MW046A	4	3426.45	3426.94	87-107	87	107	3339.94	3319.94	106	3320.94	108.29	3318.65
MW047	4	3427.65	3427.96	46-66	46	66	3381.96	3361.96			65.40	3362.56
MW048SA	4	3421.10	3418.78	27-82	27	82	3391.78	3336.78	82	3336.78	83.66	3335.12
MW049SA	4	3422.46	3420.15	37-82	37	82	3383.15	3338.15	82	3338.15	82.68	3337.47
MW050SA	4	3419.31	3417.61	38-78	38	78	3379.61	3339.61	78	3339.61	79.25	3338.36
MW051SA	4	3415.42	3413.48	33-63	33	63	3380.48	3350.48	63	3350.48	64.00	3349.48
MW052SA	4	3415.23	3412.90	33-63	33	63	3379.90	3349.90	63	3349.90	64.19	3348.71
MW053SA	4	3413.86	3411.52	35-65	35	65	3376.52	3346.52	65	3346.52	65.81	3345.71
MW054SA	4	3411.38	3409.06	32-57	32	57	3377.06	3352.06	57	3352.06	57.79	3351.27
MW055SA	4	3407.43	3405.33	30-50	30	50	3375.33	3355.33	48.5	3356.83	50.85	3354.48
MW056SA	4	3410.71	3408.51	32-52	32	52	3376.51	3356.51	51	3357.51	52.72	3355.79
MW057SA	4	3417.74	3415.38	33-68	33	68	3382.38	3347.38	68	3347.38	68.84	3346.54
MW058	4	3437.13	3434.98	49-109	49	109	3385.98	3325.98			109.73	3325.25
MW059	4	3442.24	3440.02	45-105	45	105	3395.02	3335.02			104.90	3335.12
MW060	4	3437.70	3435.40	40-100	40	100	3395.40	3335.40			100.04	3335.36
MW061	4	3439.86	3437.77	48.5-108.5	48.5	108.5	3389.27	3329.27			109.56	3328.21
MW062A	4	3434.19	3432.41	98-108	98	108	3334.41	3324.41	106	3326.41	109.35	3323.06
MW063A	4	3435.22	3433.12	96-106	96	106	3337.12	3327.12	106	3327.12	106.54	3326.58
MW064SA	4	3405.15	3403.03	35-75	35	75	3368.03	3328.03	75	3328.03	75.50	3327.53
MW065SA	4	3402.96	3401.00	40-80	40	80	3361.00	3321.00	80	3321.00	80.46	3320.54
MW066SA	4	3404.03	3401.57	41-66	41	66	3360.57	3335.57	66	3335.57	66.39	3335.18
MW067SA	4	3409.16	3406.75	43-83	43	83	3363.75	3323.75	83	3323.75	81.90	3324.85
MW068	4	3448.08	3445.69	45-110	45	110	3400.69	3335.69	116	3329.69	110.47	3335.22
MW069	4	3444.07	3441.56	45-110	45	110	3396.56	3331.56	116	3325.56	110.44	3331.12

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Eunice, Lea County, New Mexico

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MW070	4	3439.68	3437.40	48-93	48	93	3389.40	3344.40			93.00	3344.40
MW070A	4	3439.67	3437.34	112-127	112	127	3325.34	3310.34	127	3310.34	124.92	3312.42
MW071SA	4	3401.01	3398.85	29-89	29	89	3369.85	3309.85	89	3309.85	89.84	3309.01
MW072SA	4	3401.34	3399.38	31-91	31	91	3368.38	3308.38	89	3310.38	91.59	3307.79
MW073SA	4	3403.26	3401.11	26-66	26	66	3375.11	3335.11	65	3336.11	66.85	3334.26
MW074SA	4	3409.97	3407.89	39-64	39	64	3368.89	3343.89	64	3343.89	64	3343.89
MW075SA	4	3404.21	3402.15	43-63	43	63	3359.15	3339.15	63	3339.15	63	3339.15
MW076SA	4	3404.13	3402.22	38-93	38	93	3364.22	3309.22	93	3309.22	93	3309.22
MW077SA	4	3401.71	3399.27	42-92	42	92	3357.27	3307.27	90	3309.27	92	3307.27
MW078SA	4	3411.12	3408.49	36-66	36	66	3372.49	3342.49	66	3342.49	66	3342.49
MW079SA	4	3408.80	3406.25	37-67	37	67	3369.25	3339.25	67	3339.25	67	3339.25
MW080SA	4	3408.92	3406.33	39-69	39	69	3367.33	3337.33	72	3334.33	69	3337.33
MW081SA	4	3408.28	3405.71	40-70	40	70	3365.71	3335.71	66	3339.71	70	3335.71
MW082SA	4	3406.25	3403.68	45-75	45	75	3358.68	3328.68	75	3328.68	75	3328.68
MW083SA	4	3406.11	3403.51	45-75	45	75	3358.51	3328.51	76	3327.51	75	3328.51
MW084SA	4	3405.98	3403.36	45-75	45	75	3358.36	3328.36	75	3328.36	75	3328.36
MW085SA	4	3405.98	3403.36	45-75	45	75	3358.36	3328.36	76	3327.36	75	3328.36
MW086SA	4	3401.86	3399.28	50-90	50	90	3349.28	3309.28	90	3309.28	90	3309.28
MW087A	4	3430.75	3428.18	90-115	90	115	3338.18	3313.18	110	3318.18	115	3313.18
MW088M	4	3430.63	3427.98	50-90	50	90	3377.98	3337.98	90	3337.98	90	3337.98
MW089SA	4			39-99	39	99			99		99	
MW090SA	4			36-101	36	101			101		101	
MW091SA	4			31-96	31	96			96		96	
MW092SA	4			31-96	31	96			96		96	
MW093SA	4			31-96	31	96			96		96	
RW001	6	3428.32	3425.73	44.01-104.01	44.01	104.01	3381.72	3321.72			104.01	3321.72
RW002	6	3431.66	3429.48	49.89-69.89	49.89	69.89	3379.59	3359.59			69.89	3359.59
RW003	6	3429.82	3427.53	45-65	45	65	3382.53	3362.53			65.48	3362.05
RW004A	6	3430.74	3427.76	96.4-116.4	96.4	116.4	3331.36	3311.36	115	3312.76	116.40	3311.36
LordWW	6	3419.97	3419.47								68.22	3351.25
RowlandWW	6	3419.47	3418.47								65.54	3352.93
WoodellWW	4	3423.77	N/A	77-97	77	97						
EPWW1	6	3429.95	3428.78								98.85	
IW001	4	3431.91	3429.47	40-90	40	90	3389.47	3339.47	90	3339.47	90.75	3338.72
IW002	4	3431.00	3427.78	40-90	40	90	3387.78	3337.78			90.40	3337.38
IW003	4	3406.68	3404.68	35-55	35	55	3369.68	3349.68	50	3354.68	55.00	3349.68
IW004	4	3406.31	3404.14	35-50	35	50	3369.14	3354.14	44	3360.14	50.00	3354.14

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Table 1
Summary of Well Details
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Well Id	Casing/Screen Diameter	Surveyed Measuring Point (MP) Elevation *	Surveyed Ground Elevation *	Screen Interval (feet BGL)	Top of Screen (feet BGL)	Bottom of Screen (feet BGL)	Top of Screen Elevation *	Bottom of Screen Elevation *	Base of Ogallala (feet BGL)	Base of Ogallala Elevation *	Completed Well Depth (feet BGL)	Completed Well TD Elevation *
IW005	4	3405.36	3403.53	36-46	36	46	3367.53	3357.53	43	3360.53	46.00	3357.53
IW006	4	3404.36	3402.39	35-50	35	50	3367.39	3352.39	45	3357.39	50.00	3352.39
IW007	4	3405.31	3403.46	36-46	36	46	3367.46	3357.46	43	3360.46	46.00	3357.46
IW008	4	3405.37	3403.30	35-50	35	50	3368.30	3353.30	44	3359.30	50.00	3353.30
IW009	4	3406.07	3404.04	35-45	35	45	3369.04	3359.04	43	3361.04	45.00	3359.04
IW010	4	3405.82	3404.28	33-58	33	58	3371.28	3346.28	60	3344.28	58.00	3346.28
IW011	4	3406.83	3404.75	43-63	43	63	3361.75	3341.75	50	3354.75	63.00	3341.75
IW012	4	3405.92	3404.11	43-53	43	53	3361.11	3351.11	53	3351.11	53.00	3351.11
IW013	4	3406.62	3404.39	45-60	45	60	3359.39	3344.39	60	3344.39	60.00	3344.39
IW014	4	3405.48	3403.67	33-73	33	73	3370.67	3330.67	73	3330.67	73.00	3330.67
IW015	4	3406.05	3404.05	34-49	34	49	3370.05	3355.05	48	3356.05	49.00	3355.05
IW016	4	3408.29	3406.20	29-69	29	69	3377.20	3337.20	69	3337.20	69.00	3337.20
IW018	4			31-96	31	96			96		96.00	
IW019	4			31-96	31	96			96		96.00	
IW020	4			32-97	32	97			97		97.00	
IW021	4			32-97	32	97			97		97.00	
IW022	4			32-97	32	97			97		97.00	
IW023	4			34-98	34	98			98		98.00	
IW024	4			41-101	41	101			101		101.00	
IW025	4			41-101	41	101			101		101.00	
IW026	4			37-102	37	102			102		102.00	
IW027	4			39.5-99.5	39.5	99.5			103		105.00	
IW028	4	3428.18	3425.61	35-105	35	105	3390.61	3320.61	103	3322.61	105.00	3320.61

Notes:
BGL-Below Ground Level
WW - Water Well
MW - Monitoring Well
RW - Recovery Well
IW- Injection Well
No Suffix - Shallow/Middle Monitoring Well Completion (MW069)
A - Deep Monitoring Well Completion (MW070A)
M-Middle Monitoring Well Completion (MW008M)
* ASML
SA-Shallow/Deep, Fully-Penetrating, Monitoring Well Completion (MW071SA)

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
MW001	4/22/1997	NR	68.00	67.94	4	-0.37	3428.57	52.34	3376.23
	12/18/1997	NR					3428.57	52.32	3376.25
	11/16/1999	NR					3428.57	*51.32	3377.25
	5/15/2001	NR					3428.57	50.33	3378.24
	8/23/2001	1422					3428.57	51.02	3377.55
	1/21/2002	1550					3428.57	50.64	3377.93
	4/4/2002	NR					3428.57	50.66	3377.91
	9/3/2002	1205					3428.57	50.44	3378.13
	12/2/2002	1527					3428.57	50.20	3378.37
	1/31/2003	909					3428.57	50.36	3378.21
	3/28/2003	1005					3428.57	50.54	3378.03
	5/19/2003	1630					3428.57	50.36	3378.21
	9/9/2003	1141					3428.57	50.52	3378.05
	1/26/2004	1300					3428.57	50.73	3377.84
	3/30/2004	1345					3428.57	50.71	3377.86
	6/7/2004	850					3428.57	50.76	3377.81
	9/17/2004	1218					3428.57	50.30	3378.27
	11/30/2004	NR					3428.57	49.90	3378.67
	3/31/2005	1505					3428.57	49.25	3379.32
	5/23/2005	NR					3428.57	49.15	3379.42
MW002	4/22/1997	NR	68.00	68.60	4	-0.28	3432.17	55.95	3376.22
	12/18/1997	NR					3432.17	55.62	3376.55
	11/16/1999	NR					3432.17	*54.97	3377.20
	5/15/2001	NR					3432.17	54.15	3378.02
	8/23/2001	1340					3432.17	54.12	3378.05
	1/21/2002	1157					3432.17	54.30	3377.87
	4/4/2002	1020					3432.17	54.31	3377.86
	9/3/2002	1200					3432.17	54.14	3378.03
	12/2/2002	1422					3432.17	53.88	3378.29
	1/30/2003	1359					3432.17	53.88	3378.29
	3/28/2003	1139					3432.17	54.16	3378.01
	5/19/2003	1540					3432.17	53.97	3378.20
	9/9/2003	1114					3432.17	54.05	3378.12
	12/2/2003	1605					3432.17	53.89	3378.28
	3/30/2004	1433					3432.17	54.11	3378.06
	6/7/2004	NR					3432.17	54.21	3377.96

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	9/17/2004	956					3432.17	53.94	3378.23
	11/30/2004	NR					3432.17	53.74	3378.43
	3/31/2005	1542					3432.17	53.37	3378.80
	5/23/2005	NR					3432.17	53.06	3379.11
MW002A	1/7/2003	1200	123.00	124.05	4	-0.34	3432.31	54.03	3378.28
	1/30/2003	1351					3432.31	53.89	3378.42
	3/28/2003	1138					3432.31	54.11	3378.20
	5/19/2003	1545					3432.31	53.99	3378.32
	9/9/2003	1111					3432.31	54.12	3378.19
	12/2/2003	1603					3432.31	53.97	3378.34
	3/30/2004	1434					3432.31	54.20	3378.11
	6/7/2004	NR					3432.31	54.21	3378.10
	9/17/2004	658					3432.31	53.93	3378.38
	11/30/2004	NR					3432.31	53.74	3378.57
	3/31/2005	1540					3432.31	53.36	3378.95
	5/23/2005	NR					3432.31	53.08	3379.23
MW003	4/22/1997	NR	68.00	70.00	4	1.83	3428.27	49.79	3378.48
	12/18/1997	NR					3428.27	49.24	3379.03
	11/16/1999	NR					3428.27	*50.49	3377.78
	5/15/2001	NR					3428.27	49.63	3378.64
	8/23/2001	1320					3428.27	49.99	3378.28
	1/21/2002	1244					3428.27	49.81	3378.46
	4/4/2002	1140					3428.27	49.92	3378.35
	9/3/2002	1105					3428.27	49.80	3378.47
	12/2/2002	1402					3428.27	49.51	3378.76
	1/31/2003	901					3428.27	49.64	3378.63
	3/28/2003	955					3428.27	49.61	3378.66
	5/19/2003	1610					3428.27	49.57	3378.70
	9/9/2003	1156					3428.27	49.64	3378.63
	12/3/2003	1005					3428.27	49.70	3378.57
	3/30/2004	1301					3428.27	49.78	3378.49
	6/7/2004	NR					3428.27	49.74	3378.53
	9/17/2004	1156					3428.27	49.38	3378.89
	11/30/2004	NR					3428.27	48.80	3379.47
	3/31/2005	1434					3428.27	48.40	3379.87
	5/23/2005	NR					3428.27	48.31	3379.96

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
MW004	4/22/1997	NR	66.50	66.15	4	-0.41	3423.38	48.24	3375.14
	12/18/1997	NR					3423.38	47.69	3375.69
	11/16/1999	NR					3423.38	*46.76	3376.62
	5/15/2001	NR					3423.38	45.91	3377.47
	8/23/2001	958					3423.38	46.12	3377.26
	1/21/2002	1226					3423.38	46.20	3377.18
	4/4/2002	1200					3423.38	46.27	3377.11
	9/3/2002	1045					3423.38	45.95	3377.43
	12/2/2002	1347					3423.38	45.85	3377.53
	1/31/2003	842					3423.38	45.94	3377.44
	3/28/2003	1021					3423.38	45.96	3377.42
	5/19/2003	1400					3423.38	45.97	3377.41
	9/9/2003	1036					3423.38	46.14	3377.24
	12/3/2003	1001					3423.38	46.15	3377.23
	3/30/2004	1347					3423.38	46.24	3377.14
	6/7/2004	NR					3423.38	46.19	3377.19
	9/17/2004	1138					3423.38	45.90	3377.48
	11/29/2004	NR					3423.38	45.44	3377.94
	3/31/2005	1421					3423.38	42.85	3380.53
	5/23/2005	NR					3423.38	44.90	3378.48
MW004A	12/18/1997	NR	104.20	103.65	4	-0.24	3423.57	48.00	3375.57
	11/16/1999	NR					3423.57	*47.00	3376.57
	5/15/2001	NR					3423.57	46.31	3377.26
	8/23/2001	953					3423.57	46.44	3377.13
	1/21/2002	1229					3423.57	46.44	3377.13
	4/4/2002	1200					3423.57	46.52	3377.05
	9/3/2002	1050					3423.57	46.49	3377.08
	12/2/2002	1345					3423.57	46.10	3377.47
	1/31/2003	844					3423.57	46.16	3377.41
	3/28/2003	1019					3423.57	46.20	3377.37
	5/19/2003	1355					3423.57	46.21	3377.36
	9/9/2003	1038					3423.57	46.36	3377.21
	12/3/2003	958					3423.57	46.38	3377.19
	3/30/2004	NR					3423.57	46.45	3377.12
	6/7/2004	NR					3423.57	46.66	3376.91
	9/17/2004	1140					3423.57	46.18	3377.39

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	11/30/2004	NR					3423.57	45.62	3377.95
	3/31/2005	1422					3423.57	45.61	3377.96
	5/23/2005	NR					3423.57	45.19	3378.38
MW005	4/22/1997	NR	68.00		4	-0.22	3424.77	49.30	3375.47
SG (0.8486)	12/18/1997	NR					3424.77	49.52 (0.471)	3375.25
	11/16/1999	NR					3424.77	*48.14	3376.63
	5/15/2001	NR					3424.77	NR	NR
	8/23/2001	1425					3424.77	47.45P/47.82W	3377.26
	1/21/2002	NR					3424.77	47.44P/47.80W	3377.28
	4/9/2002	1300					3424.77	47.27P/47.31W	3377.49
	4/10/2003	1200					3424.77	47.27 (sheen)	3377.50
	5/19/2003	1536					3424.77	47.25	3377.52
	9/8/2003	1145					3424.77	49.22	3375.55
	12/3/2003	1116					3424.77	47.51	3377.26
	3/30/2004	1431					3424.77	47.56	3377.21
	6/7/2004	NR					3424.77	47.54	3377.23
	9/17/2004	1230					3424.77	47.18	3377.59
	11/30/2004	NR					3424.77	46.51	3378.26
	4/1/2005	1028					3424.77	46.26	3378.51
	5/23/2005	NR					3424.77	46.04	3378.73
MW006	4/22/1997	NR	68.00	68.00	4	-0.48	3425.26	49.26	3376.00
SG (0.8486)	12/18/1997	NR					3425.26	49.69 (2.78)	3375.57
	11/16/1999	NR					3425.26	*48.69	3376.57
	5/15/2001	NR					3425.26	47.36P/49.48W	3377.58
	8/23/2001	1435					3425.26	47.61P/50.21W	3377.26
	1/21/2002	NR					3425.26	47.60P/50.11W	3377.28
	4/9/2002	1305					3425.26	47.28P/50.35W	3377.52
	9/11/2002	1000					3425.26	47.11P/49.55W	3377.78
	12/5/2002	NR					3425.26	47.35P/49.13W	3377.64
	4/10/2003	1202					3425.26	47.38P/49.61W	3377.54
	5/19/2003	1550					3425.26	47.35P/49.63W	3377.56
	9/8/2003	1105					3425.26	47.56P/49.22W	3377.45
	12/3/2003	1121					3425.26	47.52P/49.95W	3377.37
	3/30/2004	1434					3425.26	47.49P/50.63W	3377.29
	6/7/2004	NR					3425.26	47.70P/49.25W	3377.56
	9/17/2004	1235					3425.26	47.40P/48.75W	

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	11/30/2004	NR					3425.26	47.50/46.94W	3377.76
	4/1/2005	1032					3425.26	46.67/46.70W	3378.58
	5/23/2005	NR					3425.26	46.35P/46.49W	3378.65
MW007	12/18/1997	NR	66.29	67.84	4	1.99	3428.39	49.43	3378.96
	11/16/1999	NR					3428.39	*50.57	3377.82
	5/15/2001	NR					3428.39	49.70	3378.69
	8/23/2001	1328					3428.39	50.06	3378.33
	1/21/2002	1246					3428.39	49.93	3378.46
	4/4/2002	1140					3428.39	50.03	3378.36
	9/3/2002	1055					3428.39	49.90	3378.49
	12/2/2002	1406					3428.39	49.60	3378.79
	1/31/2003	903					3428.39	49.71	3378.68
	3/28/2003	958					3428.39	49.70	3378.69
	5/19/2003	1410					3428.39	49.60	3378.79
	9/9/2003	1150					3428.39	49.73	3378.66
	12/3/2003	1012					3428.39	49.71	3378.68
	3/30/2004	1337					3428.39	49.89	3378.50
	6/7/2004	NR					3428.39	49.82	3378.57
	9/17/2004	1204					3428.39	49.44	3378.95
	11/30/2004	NR					3428.39	48.90	3379.49
	3/31/2005	1438					3428.39	48.50	3379.89
	5/23/2005	NR					3428.39	48.41	3379.98
MW007A	12/18/1997	NR	111.00	105.98	4	1.67	3428.13	49.37	3378.76
	11/16/1999	NR					3428.13	*50.22	3377.91
	5/15/2001	NR					3428.13	49.38	3378.75
	8/23/2001	1330					3428.13	49.72	3378.41
	1/21/2002	1245					3428.13	49.64	3378.49
	4/4/2002	1140					3428.13	49.74	3378.39
	9/3/2002	1100					3428.13	49.60	3378.53
	12/2/2002	1404					3428.13	49.32	3378.81
	1/31/2003	905					3428.13	49.43	3378.70
	3/28/2003	1000					3428.13	49.43	3378.70
	5/19/2003	1415					3428.13	49.37	3378.76
	9/9/2003	1152					3428.13	49.43	3378.70
	12/3/2003	1009					3428.13	49.49	3378.64
	3/30/2004	1335					3428.13	49.60	3378.53

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	6/7/2004	NR					3428.13	49.53	3378.60
	9/17/2004	1202					3428.13	49.22	3378.91
MW008	12/18/1997	NR	66.62	68.27	4	1.97	3430.13	50.76	3379.37
	11/16/1999	NR					3430.13	*52.25	3377.88
	5/15/2001	NR					3430.13	51.36	3378.77
	8/23/2001	900					3430.13	51.72	3378.41
	1/21/2002	1138					3430.13	51.53	3378.60
	4/4/2002	1110					3430.13	51.60	3378.53
	9/3/2002	1120					3430.13	51.51	3378.62
	12/2/2002	1449					3430.13	51.27	3378.86
	1/31/2003	914					3430.13	51.31	3378.82
	3/28/2003	947					3430.13	51.31	3378.82
	5/19/2003	1555					3430.13	51.21	3378.92
	9/9/2003	1701					3430.13	51.33	3378.80
	12/3/2003	1016					3430.13	51.33	3378.80
	3/30/2004	1355					3430.13	51.40	3378.73
	6/7/2004	NR					3430.13	51.82	3378.31
	11/30/2004	NR					3430.13	50.64	3379.49
	3/31/2005	1446					3430.13	50.24	3379.89
	5/23/2005	NR					3430.13	50.14	3379.99
MW008M	1/21/2002	1136	85.00	88.05	4	2.31	3430.27	51.71	3378.56
	4/4/2002	1110					3430.27	51.77	3378.50
	9/3/2002	1125					3430.27	51.68	3378.59
	12/2/2002	1450					3430.27	51.45	3378.82
	1/31/2003	918					3430.27	51.52	3378.75
	3/28/2003	948					3430.27	51.47	3378.80
	5/19/2003	1600					3430.27	51.44	3378.83
	9/9/2003	1205					3430.27	51.49	3378.78
	12/3/2003	1014					3430.27	51.44	3378.83
	3/30/2004	1357					3430.27	51.52	3378.75
	6/7/2004	NR					3430.27	51.56	3378.71
	11/30/2004	NR					3430.27	50.79	3379.48
	3/31/2005	1459					3430.27	50.47	3379.80
	5/23/2005	NR					3430.27	50.32	3379.95
MW008A	12/18/1997	NR	114.00	114.83	4	2.05	3430.01	50.81	3379.20
	11/16/1999	NR					3430.01	*52.16	3377.85

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/15/2001	NR					3430.01	51.34	3378.67
	8/23/2001	850					3430.01	51.64	3378.37
	1/21/2002	1137					3430.01	51.49	3378.52
	4/4/2002	1110					3430.01	51.53	3378.48
	9/3/2002	1130					3430.01	51.41	3378.60
	12/2/2002	1447					3430.01	51.16	3378.85
	1/31/2003	916					3430.01	51.24	3378.77
	3/28/2003	946					3430.01	51.25	3378.76
	5/19/2003	1550					3430.01	51.21	3378.80
	9/9/2003	1203					3430.01	51.26	3378.75
	12/3/2003	1018					3430.01	51.21	3378.80
	3/30/2004	1354					3430.01	51.29	3378.72
	6/7/2004	NR					3430.01	51.32	3378.69
	11/30/2004	NR					3430.01	50.68	3379.33
	3/31/2005	1443					3430.01	50.24	3379.77
	5/23/2005	NR					3430.01	50.12	3379.89
MW009	12/18/1997	NR	66.66	68.57	4	2.25	3427.63	48.98	3378.65
	11/16/1999	NR					3427.63	*50.38	3377.25
	5/15/2001	NR					3427.63	49.59	3378.04
	8/23/2001	945					3427.63	49.85	3377.78
	1/21/2002	1236					3427.63	49.82	3377.81
	4/4/2002	1335					3427.63	49.88	3377.75
	9/3/2002	1035					3427.63	49.75	3377.88
	12/2/2002	1353					3427.63	49.55	3378.08
	1/31/2003	850					3427.63	49.60	3378.03
	3/28/2003	1015					3427.63	49.57	3378.06
	5/19/2003	1350					3427.63	49.53	3378.10
	9/9/2003	1042					3427.63	49.66	3377.97
	12/3/2003	950					3427.63	49.66	3377.97
	3/30/2004	1322					3427.63	49.88	3377.75
	6/7/2004	NR					3427.63	49.77	3377.86
	9/17/2004	1147					3427.63	49.60	3378.03
	11/30/2004	NR					3427.63	49.00	3378.63
	3/31/2005	1433					3427.63	48.61	3379.02
	5/23/2005	NR					3427.63	48.47	3379.16
MW009A	12/18/1997	NR	101.00	102.33	4	2.14	3427.48	49.03	3378.45

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	11/16/1999	NR					3427.48	*50.22	3377.26
	5/15/2001	NR					3427.48	49.42	3378.06
	8/23/2001	950					3427.48	49.64	3377.84
	1/21/2002	1235					3427.48	49.68	3377.80
	4/4/2002	1335					3427.48	49.78	3377.70
	9/3/2002	1040					3427.48	49.55	3377.93
	12/2/2002	1350					3427.48	49.40	3378.08
	1/31/2003	852					3427.48	49.45	3378.03
	3/28/2003	1014					3427.48	49.44	3378.04
	5/19/2003	1345					3427.48	49.43	3378.05
	9/9/2003	1044					3427.48	49.52	3377.96
	12/3/2003	953					3427.48	49.63	3377.85
	3/30/2004	1324					3427.48	49.73	3377.75
	6/7/2004	NR					3427.48	49.65	3377.83
	9/17/2004	1148					3427.48	49.48	3378.00
	11/30/2004	NR					3427.48	48.91	3378.57
	3/31/2005	1430					3427.48	48.42	3379.06
	5/23/2005	NR					3427.48	48.33	3379.15
MW010	12/18/1997	NR	65.10	64.72	4	-0.52	3419.42	43.22	3376.20
	11/16/1999	NR					3419.42	*41.27	3378.15
	5/15/2001	NR					3419.42	40.37	3379.05
	8/23/2001	1012					3419.42	40.61	3378.81
	1/21/2002	1318					3419.42	40.71	3378.71
	4/4/2002	1415					3419.42	40.85	3378.57
	9/3/2002	940					3419.42	40.65	3378.77
	12/2/2002	1255					3419.42	40.50	3378.92
	1/30/2003	1550					3419.42	40.51	3378.91
	3/28/2003	1029					3419.42	40.46	3378.96
	5/19/2003	1325					3419.42	40.52	3378.90
	9/9/2003	1047					3419.42	40.52	3378.90
	12/7/2003	1452					3419.42	40.59	3378.83
	3/30/2004	1229					3419.42	40.81	3378.61
	6/7/2004	NR					3419.42	40.74	3378.68
	9/17/2004	1059					3419.42	40.50	3378.92
	11/30/2004	NR					3419.42	40.11	3379.31
	3/31/2005	1331					3419.42	39.63	3379.79

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/23/2005	NR					3419.42	39.42	3380.00
MW011	11/16/1999	NR	66.50	68.70	4	2.04	3431.49	*53.58	3377.91
	5/15/2001	NR					3431.49	52.78	3378.71
	8/23/2001	910					3431.49	52.96	3378.53
	1/21/2002	1147					3431.49	52.84	3378.65
	4/4/2002	1045					3431.49	52.89	3378.60
	9/3/2002	1135					3431.49	52.80	3378.69
	12/2/2002	1436					3431.49	52.56	3378.93
	1/30/2003	1422					3431.49	52.51	3378.98
	3/28/2003	1121					3431.49	52.63	3378.86
	5/19/2003	1510					3431.49	52.58	3378.91
	9/9/2003	1208					3431.49	52.60	3378.89
	12/3/2003	1027					3431.49	52.52	3378.97
	3/30/2004	1408					3431.49	52.56	3378.93
	6/7/2004	NR					3431.49	52.61	3378.88
	11/30/2004	NR					3431.49	52.16	3379.33
	3/31/2005	1601					3431.49	52.82	3378.67
	5/23/2005	NR					3431.49	51.58	3379.91
MW011M	1/21/2002	1146	90.00	92.70	4	1.83	3431.21	52.68	3378.53
	4/4/2002	1045					3431.21	52.63	3378.58
	9/3/2002	1140					3431.21	52.54	3378.67
	12/2/2002	1433					3431.21	52.32	3378.89
	1/30/2003	1425					3431.21	52.25	3378.96
	3/28/2003	1119					3431.21	52.32	3378.89
	5/19/2003	1515					3431.21	52.31	3378.90
	9/9/2003	1212					3431.21	52.30	3378.91
	12/3/2003	1029					3431.21	52.25	3378.96
	3/30/2004	1406					3431.21	52.31	3378.90
	6/7/2004	NR					3431.21	52.34	3378.87
	11/30/2004	NR					3431.21	51.91	3379.30
	3/31/2005	1602					3431.21	52.62	3378.59
	5/23/2005	NR					3431.21	51.38	3379.83
MW011A	12/18/1997	NR	116.00	117.50	4	2.23	3431.77	51.49	3380.28
	11/16/1999	NR					3431.77	*53.49	3378.28
	5/15/2001	NR					3431.77	53.07	3378.70
	8/23/2001	920					3431.77	53.20	3378.57

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	1/21/2002	1149					3431.77	53.04	3378.73
	4/4/2002	1045					3431.77	53.13	3378.64
	9/3/2002	1145					3431.77	53.01	3378.76
	12/2/2002	1430					3431.77	52.76	3379.01
	1/30/2003	1419					3431.77	52.72	3379.05
	3/28/2003	1122					3431.77	52.85	3378.92
	5/19/2003	1505					3431.77	52.78	3378.99
	9/9/2003	1210					3431.77	52.82	3378.95
	12/3/2003	1025					3431.77	52.83	3378.94
	3/30/2004	1410					3431.77	53.04	3378.73
	6/7/2004	NR					3431.77	53.03	3378.74
	11/30/2004	NR					3431.77	53.03	3378.74
	3/31/2005	1559					3431.77	52.18	3379.59
	5/23/2005	NR					3431.77	51.94	3379.83
MW012	11/16/1999	NR	66.50	68.07	4	1.85	3429.51	*51.12	3378.39
	5/15/2001	NR					3429.51	50.50	3379.01
	8/23/2001	1050					3429.51	50.50	3379.01
	1/21/2002	1255					3429.51	50.48	3379.03
	4/5/2002	1225					3429.51	50.49	3379.02
	9/3/2002	1109					3429.51	50.40	3379.11
	12/2/2002	1313					3429.51	50.25	3379.26
	1/30/2003	1330					3429.51	50.13	3379.38
	3/28/2003	1059					3429.51	50.25	3379.26
	5/19/2003	1450					3429.51	50.15	3379.36
	9/9/2003	1219					3429.51	50.11	3379.40
	12/3/2003	1037					3429.51	50.05	3379.46
	3/30/2004	1413					3429.51	50.18	3379.33
	6/7/2004	NR					3429.51	50.13	3379.38
	11/30/2004	NR					3429.51	49.66	3379.85
	3/31/2005	1608					3429.51	49.58	3379.93
	5/23/2005	NR					3429.51	49.23	3380.28
MW012M	1/21/2002	1255	90.00	91.33	4	2.27	3430.06	50.95	3379.11
	4/5/2002	1225					3430.06	51.37	3378.69
	9/3/2002	1111					3430.06	50.89	3379.17
	12/2/2002	1310					3430.06	50.75	3379.31
	1/30/2003	1333					3430.06	50.65	3379.41

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	3/28/2003	1100					3430.06	50.76	3379.30
	5/19/2003	1500					3430.06	50.71	3379.35
	9/9/2003	1217					3430.06	50.63	3379.43
	12/3/2003	1039					3430.06	50.63	3379.43
	3/30/2004	1415					3430.06	50.70	3379.36
	6/7/2004	NR					3430.06	50.32	3379.74
	11/30/2004	NR					3430.06	50.30	3379.76
	3/31/2005	1609					3430.06	50.19	3379.87
	5/23/2005	NR					3430.06	49.64	3380.42
MW012A	12/18/1997	NR	116.00	116.08	4	2.18	3429.92	49.73	3380.19
	11/16/1999	NR					3429.92	*51.50	3378.42
	5/15/2001	NR					3429.92	50.83	3379.09
	8/23/2001	1045					3429.92	50.89	3379.03
	1/21/2002	1257					3429.92	50.84	3379.08
	4/5/2002	1225					3429.92	50.90	3379.02
	9/3/2002	1107					3429.92	50.80	3379.12
	12/2/2002	1311					3429.92	50.65	3379.27
	1/30/2003	1328					3429.92	50.55	3379.37
	3/28/2003	1058					3429.92	50.66	3379.26
	5/19/2003	1455					3429.92	50.63	3379.29
	9/9/2003	1221					3429.92	50.52	3379.40
	12/3/2003	1041					3429.92	50.51	3379.41
	3/30/2004	1417					3429.92	50.67	3379.25
	6/7/2004	NR					3429.92	50.52	3379.40
	11/30/2004	NR					3429.92	50.28	3379.64
	3/31/2005	1611					3429.92	49.97	3379.95
	5/23/2005	NR					3429.92	49.77	3380.15
MW013	12/18/1997	NR	60.20	60.18	4	-0.53	3424.11	46.98	3377.13
	11/16/1999	NR					3424.11	*44.81	3378.30
	5/15/2001	NR					3424.11	45.05	3379.06
	8/23/2001	1022					3424.11	45.11	3379.00
	1/21/2002	1249					3424.11	45.14	3378.97
	4/5/2002	1245					3424.11	45.22	3378.89
	9/3/2002	1125					3424.11	45.11	3379.00
	12/2/2002	1304					3424.11	44.91	3379.20
	1/30/2003	1546					3424.11	44.84	3379.27

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	3/28/2003	1236					3424.11	45.91	3378.20
	5/19/2003	1335					3424.11	44.90	3379.21
	9/9/2003	1053					3424.11	44.89	3379.22
	12/2/2003	1446					3424.11	44.75	3379.36
	3/30/2004	1241					3424.11	44.94	3379.17
	6/7/2004	NR					3424.11	44.98	3379.13
	9/17/2004	1123					3424.11	44.82	3379.29
	11/30/2004	NR					3424.11	44.53	3379.58
	3/31/2005	1321					3424.11	44.05	3380.06
	5/23/2005	NR					3424.11	43.85	3380.26
MW013A	12/18/1997	NR	110.00	105.22	4	-0.39	3424.25	46.84	3377.41
	11/16/1999	NR					3424.25	*45.79	3378.46
	5/15/2001	NR					3424.25	45.06	3379.19
	8/23/2001	1018					3424.25	45.22	3379.03
	1/21/2002	1251					3424.25	45.17	3379.08
	4/5/2002	1245					3424.25	45.23	3379.02
	9/3/2002	1127					3424.25	45.15	3379.10
	12/2/2002	1300					3424.25	44.94	3379.31
	1/30/2003	1537					3424.25	44.80	3379.45
	3/28/2003	1237					3424.25	44.96	3379.29
	5/19/2003	1340					3424.25	44.91	3379.34
	9/9/2003	1055					3424.25	44.89	3379.36
	12/2/2003	1443					3424.25	44.78	3379.47
	3/30/2004	1243					3424.25	45.01	3379.24
	6/7/2004	1243					3424.25	44.96	3379.29
	9/17/2004	1118					3424.25	44.80	3379.45
	11/30/2004	NR					3424.25	44.56	3379.69
	3/31/2005	1324					3424.25	44.06	3380.19
	5/23/2005	NR					3424.25	43.82	3380.43
MW014	11/16/1999	NR	65.00	60.90	4	-0.29	3424.05	45.22	3378.86
	5/15/2001	NR					3424.05	44.61	3379.44
	8/23/2001	1035					3424.05	44.48	3379.57
	1/21/2002	1346					3424.05	44.49	3379.56
	4/5/2002	1200					3424.05	44.60	3379.45
	9/3/2002	1048					3424.05	44.25	3379.80
	12/2/2002	1215					3424.05	44.24	3379.81

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	1/30/2003	1458					3424.05	44.19	3379.86
	3/28/2003	1209					3424.05	44.31	3379.74
	5/19/2003	1305					3424.05	44.25	3379.80
	9/9/2003	940					3424.05	44.18	3379.87
	12/2/2003	1437					3424.05	44.03	3380.02
	3/30/2004	1147					3424.05	44.25	3379.80
	6/7/2004	NR					3424.05	44.18	3379.87
	9/14/2004	1431					3424.05	44.16	3379.89
	11/30/2004	NR					3424.05	43.98	3380.07
	3/31/2005	1311					3424.05	43.57	3380.48
	5/23/2005	NR					3424.05	40.76	3383.29
MW014A	12/18/1997	NR	109.00	105.10	4	-0.32	3423.93	45.93	3378.00
	11/16/1999	NR					3423.93	44.89	3379.01
	5/15/2001	NR					3423.93	44.40	3379.53
	8/23/2001	1028					3423.93	44.27	3379.66
	1/21/2002	1345					3423.93	44.25	3379.68
	4/5/2002	1200					3423.93	44.37	3379.56
	9/3/2002	1050					3423.93	44.20	3379.73
	12/2/2002	1218					3423.93	43.99	3379.94
	1/30/2003	1454					3423.93	43.95	3379.98
	3/28/2003	1210					3423.93	44.16	3379.77
	5/19/2003	1300					3423.93	44.01	3379.92
	9/9/2003	942					3423.93	43.93	3380.00
	12/2/2003	1439					3423.93	43.96	3379.97
	3/30/2004	1149					3423.93	44.05	3379.88
	6/7/2004	NR					3423.93	43.98	3379.95
	9/16/2004	1433					3423.93	43.89	3380.04
	11/30/2004	NR					3423.93	43.71	3380.22
	3/31/2005	1310					3423.93	43.30	3380.63
	5/23/2005	NR					3423.93	43.04	3380.89
MW015	11/16/1999	NR	55.00	54.12	4	-0.34	3420.40	41.46	3378.94
	5/15/2001	NR					3420.40	40.85	3379.55
	8/23/2001	1123					3420.40	40.85	3379.55
	1/21/2002	1311					3420.40	40.81	3379.59
	4/4/2002	1425					3420.40	40.99	3379.41
	9/3/2002	920					3420.40	40.75	3379.65

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	12/2/2002	1221					3420.40	40.53	3379.87
	1/30/2003	1520					3420.40	40.51	3379.89
	3/28/2003	1219					3420.40	40.64	3379.76
	5/19/2003	1320					3420.40	40.56	3379.84
	9/8/2003	1500					3420.40	40.57	3379.83
	12/2/2003	1457					3420.40	40.51	3379.89
	3/30/2004	1202					3420.40	40.81	3379.59
	6/7/2004	NR					3420.40	40.60	3379.80
	9/16/2004	1449					3420.40	40.55	3379.85
	11/30/2004	NR					3420.40	40.22	3380.18
	3/31/2005	1340					3420.40	39.77	3380.63
	5/23/2005	NR					3420.40	39.58	3380.82
MW015A	12/18/1997	NR	103.00	102.15	4	-0.34	3420.55	42.50	3378.05
	11/16/1999	NR					3420.55	41.33	3379.22
	5/15/2001	NR					3420.55	40.69	3379.86
	8/23/2001	1118					3420.55	40.71	3379.84
	1/21/2002	1351					3420.55	40.72	3379.83
	4/4/2002	1425					3420.55	40.89	3379.66
	9/3/2002	915					3420.55	40.66	3379.89
	12/2/2002	1226					3420.55	40.43	3380.12
	1/30/2003	1516					3420.55	40.30	3380.25
	3/28/2003	1218					3420.55	40.54	3380.01
	5/19/2003	1325					3420.55	40.52	3380.03
	9/8/2003	1503					3420.55	40.49	3380.06
	12/2/2003	1459					3420.55	40.42	3380.13
	3/30/2004	1204					3420.55	40.72	3379.83
	6/7/2004	NR					3420.55	40.61	3379.94
	9/16/2004	1501					3420.55	40.44	3380.11
	11/30/2004	NR					3420.55	40.21	3380.34
	3/31/2005	1343					3420.55	39.70	3380.85
	5/23/2005	NR					3420.55	39.50	3381.05
MW016A	12/18/1997	NR	91.60	91.52	4	-0.33	3419.92	41.98	3377.94
	11/16/1999	NR					3419.92	40.80	3379.12
	5/15/2001	NR					3419.92	40.34	3379.58
	8/23/2001	1128					3419.92	40.21	3379.71
	1/21/2002	1356					3419.92	40.33	3379.59

ARCADIS

Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	4/4/2002	1418					3419.92	40.51	3379.41
	9/3/2002	911					3419.92	40.16	3379.76
	12/2/2002	1229					3419.92	39.90	3380.02
	1/30/2003	1526					3419.92	39.89	3380.03
	3/28/2003	1224					3419.92	40.05	3379.87
	5/19/2003	1315					3419.92	40.15	3379.77
	9/8/2003	1454					3419.92	40.11	3379.81
	12/2/2003	1455					3419.92	40.17	3379.75
	3/30/2004	NR					3419.92	40.43	3379.49
	6/7/2004	NR					3419.92	40.26	3379.66
	9/16/2004	1446					3419.92	39.98	3379.94
	11/30/2004	NR					3419.92	39.53	3380.39
	3/31/2005	1336					3419.92	39.05	3380.87
	5/23/2005	NR					3419.92	38.96	3380.96
MW017A	12/18/1997	NR	106.00	103.50	4	-0.48	3424.38	46.05	3378.33
	11/16/1999	NR					3424.38	45.12	3379.26
	5/15/2001	NR					3424.38	44.53	3379.85
	8/23/2001	1114					3424.38	44.49	3379.89
	1/21/2002	1403					3424.38	44.42	3379.96
	4/4/2002	1435					3424.38	44.58	3379.80
	9/3/2002	1043					3424.38	44.38	3380.00
	12/2/2002	1212					3424.38	44.15	3380.23
	1/30/2003	1446					3424.38	44.10	3380.28
	3/28/2003	1157					3424.38	44.23	3380.15
	5/19/2003	1310					3424.38	44.19	3380.19
	9/8/2003	1512					3424.38	44.13	3380.25
	12/2/2003	1521					3424.38	44.07	3380.31
	3/30/2004	1035					3424.38	44.26	3380.12
	6/7/2004	NR					3424.38	44.21	3380.17
	9/16/2004	1440					3424.38	44.14	3380.24
	11/30/2004	NR					3424.38	43.89	3380.49
	3/31/2005	1349					3424.38	43.44	3380.94
	5/23/2005	NR					3424.28	43.24	3381.04
MW018	5/15/2001	NR	55.00	54.00	4	-0.30	3417.15	37.82	3379.33
	5/15/2001	NR					3417.15	37.90	3379.25
	8/23/2001	1135					3417.15	37.26	3379.89

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	1/21/2002	1529					3417.15	37.90	3379.25
	4/4/2002	1400					3417.15	38.15	3379.00
	9/3/2002	925					3417.15	37.34	3379.81
	12/2/2002	1232					3417.15	37.37	3379.78
	1/30/2003	1204					3417.15	37.38	3379.77
	3/28/2003	1305					3417.15	37.66	3379.49
	5/19/2003	1443					3417.15	37.81	3379.34
	9/8/2003	1448					3417.15	37.82	3379.33
	12/2/2003	1320					3417.15	37.99	3379.16
	3/30/2004	1312					3417.15	38.30	3378.85
	6/7/2004	NR					3417.15	37.86	3379.29
	9/16/2004	1250					3417.15	37.48	3379.67
	11/29/2004	NR					3417.15	36.48	3380.67
	3/31/2005	1106					3417.15	36.32	3380.83
	5/23/2005	NR					3417.15	36.18	3380.97
MW018A	12/18/1997	NR	81.55	81.40	4	-0.36	3416.86	39.16	3377.70
	11/16/1999	NR					3416.86	37.52	3379.34
	5/15/2001	NR					3416.86	37.62	3379.24
	8/23/2001	1140					3416.86	37.55	3379.31
	1/21/2002	1530					3416.86	37.62	3379.24
	4/4/2002	1400					3416.86	37.89	3378.97
	9/3/2002	930					3416.86	37.03	3379.83
	12/2/2002	1236					3416.86	37.01	3379.85
	1/30/2003	1206					3416.86	37.12	3379.74
	3/28/2003	1308					3416.86	37.38	3379.48
	5/19/2003	1439					3416.86	37.54	3379.32
	9/8/2003	1446					3416.86	37.51	3379.35
	12/2/2003	1323					3416.86	37.65	3379.21
	3/30/2004	1314					3416.86	38.01	3378.85
	6/7/2004	NR					3416.86	37.56	3379.30
	9/16/2004	1256					3416.86	37.20	3379.66
	11/29/2004	NR					3416.86	36.11	3380.75
	3/31/2005	1109					3416.86	35.99	3380.87
	5/23/2005	NR					3416.86	35.86	3381.00
MW019A	12/18/1997	NR	72.40	72.15	4	-0.37	3414.74	39.83	3374.91
	11/16/1999	NR					3414.74	38.12	3376.62

ARCADIS

Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/15/2001	NR					3414.74	38.02	3376.72
	8/23/2001	1145					3414.74	37.62	3377.12
	1/21/2002	1300					3414.74	37.92	3376.82
	4/4/2002	NR					3414.74	38.15	3376.59
	9/3/2002	935					3414.74	37.40	3377.34
	12/2/2002	NR					3414.74	37.46	3377.28
	1/30/2003	1129					3414.74	37.61	3377.13
	3/28/2003	1317					3414.74	37.79	3376.95
	5/19/2003	1434					3414.74	37.91	3376.83
	9/8/2003	1436					3414.74	38.06	3376.68
	12/2/2003	1301					3414.74	38.22	3376.52
	3/30/2004	1303					3414.74	38.41	3376.33
	6/7/2004	NR					3414.74	37.93	3376.81
	9/16/2004	1212					3414.74	37.82	3376.92
	11/29/2004	NR					3414.74	36.70	3378.04
	3/31/2005	1050					3414.74	36.35	3378.39
	5/23/2005	NR					3414.74	36.62	3378.12
MW020	11/16/1999	NR	55.00	57.95	4	2.26	3420.85	44.58	3376.27
	2/6/2002	1135					3420.85	44.02	3376.83
	9/3/2002	1045					3420.85	43.79	3377.06
	12/9/2002	NR					3420.85	43.84	3377.01
	1/30/2003	1140					3420.85	43.78	3377.07
	3/28/2003	1324					3420.85	43.86	3376.99
	6/5/2003	1200					3420.85	43.93	3376.92
	1/22/2004	905					3420.85	44.39	3376.46
	3/30/2004	1525					3420.85	44.41	3376.44
	6/7/2004	NR					3420.85	44.16	3376.69
	9/17/2004	1412					3420.85	43.99	3376.86
	11/29/2004	NR					3420.85	43.59	3377.26
	4/1/2005	1123					3420.85	43.12	3377.73
	5/23/2005	NR					3420.85	42.99	3377.86
MW020A	11/16/1999	NR	81.00	80.40	4	2.53	3421.14	44.70	3376.44
	2/6/2002	1020					3421.14	44.14	3377.00
	9/3/2002	925					3421.14	43.98	3377.16
	12/9/2002	NR					3421.14	44.06	3377.08
	1/30/2003	1136					3421.14	43.98	3377.16

ARCADIS

Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	3/28/2003	1325					3421.14	44.05	3377.09
	6/5/2003	1305					3421.14	44.44	3376.70
	1/22/2004	44.68					3421.14	44.68	3376.46
	3/30/2004	1523					3421.14	44.59	3376.55
	6/7/2004	NR					3421.14	44.33	3376.81
	9/17/2004	1414					3421.14	44.15	3376.99
	11/29/2004	NR					3421.14	43.75	3377.39
	4/1/2005	1125					3421.14	43.24	3377.90
	5/23/2005	NR					3421.14	43.16	3377.98
MW021	11/16/1999	NR	60.00	62.43	4	2.22	3422.72	47.82	3374.90
	5/15/2001	NR					3422.72	47.09	3375.63
	8/23/2001	1009					3422.72	47.34	3375.38
	1/21/2002	1311					3422.72	47.19	3375.53
	4/4/2002	1345					3422.72	47.35	3375.37
	9/3/2002	1020					3422.72	47.25	3375.47
	12/2/2002	1128					3422.72	47.01	3375.71
	1/30/2003	1040					3422.72	46.98	3375.74
	3/28/2003	1438					3422.72	47.02	3375.70
	5/19/2003	1220					3422.72	47.09	3375.63
	9/8/2003	1323					3422.72	47.21	3375.51
	1/21/2004	1433					3422.72	47.22	3375.50
	3/30/2004	1544					3422.72	47.21	3375.51
	6/7/2004	NR					3422.72	47.45	3375.27
	9/17/2004	1412					3422.72	47.15	3375.57
	11/29/2004	NR					3422.72	46.80	3375.92
	3/31/2005	943					3422.72	46.28	3376.44
	5/23/2005	NR					3422.72	46.22	3376.50
MW021A	11/16/1999	NR	81.00	87.65	4	2.16	3422.94	48.41	3374.53
	5/15/2001	NR					3422.94	47.57	3375.37
	8/23/2001	1005					3422.94	47.98	3374.96
	1/21/2002	1310					3422.94	47.83	3375.11
	4/4/2002	1345					3422.94	47.98	3374.96
	9/3/2002	1025					3422.94	48.07	3374.87
	12/2/2002	1126					3422.94	47.63	3375.31
	1/30/2003	1045					3422.94	47.61	3375.33
	3/28/2003	1436					3422.94	47.71	3375.23

ARCADIS

Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/19/2003	1225					3422.94	47.96	3374.98
	9/8/2003	1325					3422.94	48.01	3374.93
	1/21/2004	1435					3422.94	48.73	3374.21
	3/30/2004	1545					3422.94	47.94	3375.00
	6/7/2004	NR					3422.94	48.28	3374.66
	9/14/2004	1408					3422.94	47.95	3374.99
	11/29/2004	NR					3422.94	47.35	3375.59
	3/31/2005	945					3422.94	46.93	3376.01
	5/23/2005	NR					3422.94	47.04	3375.90
MW022A	11/16/1999	NR	105.00	102.71	4	2.31	3431.13	57.29	3373.84
	5/15/2001	NR					3431.13	53.35	3377.78
	8/23/2001	1344					3431.13	53.96	3377.17
	1/21/2002	1202					3431.13	53.75	3377.38
	4/4/2002	1005					3431.13	66.00	3365.13
	9/3/2002	1136					3431.13	52.96	3378.17
	12/2/2002	1456					3431.13	52.95	3378.18
	1/31/2003	924					3431.13	53.25	3377.88
	3/28/2003	938					3431.13	53.58	3377.55
	5/19/2003	1624					3431.13	53.26	3377.87
	9/9/2003	1134					3431.13	66.99	3364.14
	12/3/2003	922					3431.13	66.97	3364.16
	3/30/2004	1318					3431.13	64.08	3367.05
	6/7/2004	NR					3431.13	61.36	3369.77
	9/17/2004	1003					3431.13	53.22	3377.91
	11/30/2004	NR					3431.13	54.56	3376.57
	3/31/2005	1512					3431.13	52.44	3378.69
	5/23/2005	NR					3431.13	52.30	3378.83
MW023	11/16/1999	NR	67.00	69.10	4	2.09	3436.44	58.42	3378.02
	5/15/2001	NR					3436.44	57.73	3378.71
	8/23/2001	1435					3436.44	57.79	3378.65
	2/7/2002	1110					3436.44	57.77	3378.67
	9/3/2002	1210					3436.44	57.69	3378.75
	12/2/2002	1426					3436.44	57.46	3378.98
	1/30/2003	1339					3436.44	57.41	3379.03
	3/28/2003	1108					3436.44	57.50	3378.94
	5/19/2003	1440					3436.44	57.41	3379.03

ARCADIS

Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	9/9/2003	1102					3436.44	57.39	3379.05
	12/2/2003	1532					3436.44	57.14	3379.30
	3/30/2004	858					3436.44	57.34	3379.10
	6/7/2004	NR					3436.44	57.21	3379.23
	9/17/2004	946					3436.44	57.34	3379.10
	11/30/2004	NR					3436.44	57.16	3379.28
	3/31/2005	1552					3436.44	56.92	3379.52
	5/23/2005	NR					3436.44	56.68	3379.76
MW023A	1/9/2003	NR	120.00	123.80	4	2.25	3436.26	57.70	3378.56
	1/30/2003	1342					3436.26	57.23	3379.03
	3/28/2003	1111					3436.26	57.33	3378.93
	5/19/2003	1445					3436.26	57.25	3379.01
	9/9/2003	1100					3436.26	53.23	3383.03
	12/2/2003	1535					3436.26	57.23	3379.03
	3/30/2004	901					3436.26	57.25	3379.01
	6/7/2004	NR					3436.26	57.35	3378.91
	9/17/2004	948					3436.26	57.14	3379.12
	11/30/2004	NR					3436.26	57.11	3379.15
	3/31/2005	1554					3436.26	56.62	3379.64
	5/23/2005	NR					3436.26	56.46	3379.80
MW024	1/9/2003	NR	86.00	89.60	4	2.34	3431.32	53.76	3377.56
	1/29/2003	1405					3431.32	53.64	3377.68
	3/27/2003	1350					3431.32	53.85	3377.47
	5/19/2003	1145					3431.32	53.77	3377.55
	9/9/2003	1030					3431.32	53.93	3377.39
	12/2/2003	1345					3431.32	53.86	3377.46
	3/30/2004	758					3431.32	54.10	3377.22
	6/7/2004	NR					3431.32	54.21	3377.11
	9/16/2004	1639					3431.32	53.71	3377.61
	11/29/2004	NR					3431.32	53.54	3377.78
	3/31/2005	1131					3431.32	53.06	3378.26
	5/23/2005	NR					3431.32	52.78	3378.54
MW024A	11/16/1999	NR	105.00	101.00	4	1.54	3430.77	54.30	3376.47
	5/15/2001	NR					3430.77	53.32	3377.45
	8/23/2001	1445					3430.77	53.86	3376.91
	2/6/2002	1525					3430.77	53.42	3377.35

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	9/3/2002	955					3430.77	53.26	3377.51
	12/2/2002	1341					3430.77	53.03	3377.74
	1/29/2003	1408					3430.77	53.11	3377.66
	3/27/2003	1353					3430.77	53.31	3377.46
	5/19/2003	1150					3430.77	53.22	3377.55
	9/9/2003	1031					3430.77	53.73	3377.04
	12/2/2003	1347					3430.77	53.69	3377.08
	3/30/2004	801					3430.77	53.87	3376.90
	6/7/2004	NR					3430.77	53.89	3376.88
	9/16/2004	1635					3430.77	53.11	3377.66
	11/29/2004	NR					3430.77	53.04	3377.73
	3/31/2005	1129					3430.77	52.50	3378.27
	5/23/2005	NR					3430.77	52.26	3378.51
MW025	11/16/1999	NR	65.00	66.20	4	-0.25	3432.69	53.23	3379.41
	5/15/2001	NR					3432.69	53.24	3379.45
	8/23/2001	1054					3432.69	53.02	3379.67
	1/21/2002	1339					3432.69	53.03	3379.66
	4/5/2002	1205					3432.69	53.17	3379.52
	9/3/2002	1057					3432.69	53.01	3379.68
	12/2/2002	1207					3432.69	52.83	3379.86
	1/29/2003	1313					3432.69	52.80	3379.89
	3/28/2003	1509					3432.69	52.86	3379.83
	5/19/2003	1635					3432.69	52.59	3380.10
	9/9/2003	933					3432.69	52.62	3380.07
	12/2/2003	1431					3432.69	52.55	3380.14
	3/30/2004	1027					3432.69	52.70	3379.99
	6/7/2004	NR					3432.69	52.62	3380.07
	9/16/2004	1506					3432.69	52.48	3380.21
	11/29/2004	NR					3432.69	52.41	3380.28
	3/31/2005	1306					3432.69	52.10	3380.59
	5/23/2005	NR					3432.69	51.88	3380.81
MW026	11/16/1999	NR	67.00	62.78	4	-0.55	3432.04	52.95	3379.09
	5/15/2001	NR					3432.04	52.08	3379.96
	8/23/2001	1110					3432.04	52.06	3379.98
	1/21/2002	1407					3432.04	51.91	3380.13
	4/4/2002	1440					3432.04	52.00	3380.04

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	9/3/2002	1031					3432.04	51.99	3380.05
	12/2/2002	1140					3432.04	51.60	3380.44
	1/30/2003	1434					3432.04	51.43	3380.61
	3/28/2003	1203					3432.04	51.62	3380.42
	5/19/2003	1250					3432.04	51.52	3380.52
	9/8/2003	1507					3432.04	51.64	3380.40
	12/2/2003	1515					3432.04	51.49	3380.55
	3/30/2004	1139					3432.04	51.70	3380.34
	6/7/2004	NR					3432.04	51.69	3380.35
	9/16/2004	1420					3432.04	51.62	3380.42
	11/30/2004	NR					3432.04	51.56	3380.48
	3/31/2005	13.52					3432.04	51.03	3381.01
	5/23/2005	NR					3432.04	50.79	3381.25
MW027	11/16/1999	NR	71.50	71.52	4	-0.45	3443.33	64.65	3378.68
	5/15/2001	NR					3443.33	64.09	3379.24
	8/23/2001	1059					3443.33	63.82	3379.51
	1/21/2002	1412					3443.33	63.87	3379.46
	4/4/2002	1445					3443.33	63.90	3379.43
	9/3/2002	1015					3443.33	63.90	3379.43
	12/2/2002	1144					3443.33	63.64	3379.69
	1/30/2003	1306					3443.33	63.59	3379.74
	3/27/2003	1535					3443.33	63.49	3379.84
	5/19/2003	1245					3443.33	63.63	3379.70
	9/8/2003	1518					3443.33	63.58	3379.75
	12/2/2003	1505					3443.33	63.48	3379.85
	3/30/2004	1013					3443.33	63.62	3379.71
	6/7/2004	NR					3443.33	63.67	3379.66
	9/16/2004	1407					3443.33	63.55	3379.78
	11/29/2004	NR					3443.33	63.48	3379.85
	3/31/2005	1401					3443.33	62.98	3380.35
	5/23/2005	NR					3443.33	62.73	3380.60
MW028	11/16/1999	NR	85.00	85.15	4	1.59	3451.63	73.52	3378.11
	5/15/2001	NR					3451.63	72.89	3378.74
	8/23/2001	1105					3451.63	72.86	3378.77
	1/21/2002	1518					3451.63	72.75	3378.88
	4/5/2002	1145					3451.63	72.77	3378.86

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	9/3/2002	1007					3451.63	72.71	3378.92
	12/2/2002	1152					3451.63	72.55	3379.08
	1/29/2003	1335					3451.63	72.51	3379.12
	3/28/2003	1038					3451.63	72.58	3379.05
	5/19/2003	1625					3451.63	72.52	3379.11
	9/9/2003	900					3451.63	72.53	3379.10
	1/28/2004	NR					3451.63	72.53	3379.10
	3/30/2004	1557					3451.63	72.36	3379.27
	6/7/2004	NR					3451.63	72.25	3379.38
	9/17/2004	1348					3451.63	72.28	3379.35
	11/29/2004	NR					3451.63	71.89	3379.74
	4/1/2005	1102					3451.63	71.71	3379.92
	5/23/2005	NR					3451.63	71.55	3380.08
MW029	11/16/1999	NR	80.00	81.45	4	2.14	3446.89	68.62	3378.27
	5/15/2001	NR					3446.89	68.12	3378.77
	8/30/2001	1453					3446.89	68.47	3378.42
	2/6/2002	1545					3446.89	67.97	3378.92
	9/3/2002	1000					3446.89	67.86	3379.03
	12/2/2002	1328					3446.89	67.70	3379.19
	1/29/2003	1350					3446.89	67.73	3379.16
	3/27/2003	1433					3446.89	67.66	3379.23
	5/19/2003	1215					3446.89	67.63	3379.26
	9/9/2003	1007					3446.89	67.68	3379.21
	12/2/2003	1402					3446.89	67.59	3379.30
	3/30/2004	845					3446.89	67.50	3379.39
	6/7/2004	NR					3446.89	67.53	3379.36
	6/16/2004	1542					3446.89	67.49	3379.40
	11/29/2004	NR					3446.89	67.58	3379.31
	3/31/2005	1150					3446.89	67.33	3379.56
	5/23/2005	NR					3446.89	67.15	3379.74
MW030	4/24/2002	1256	77.00	77.41	4	2.3	3439.84	61.42	3378.42
	5/7/2002	815					3439.84	61.30	3378.54
	9/3/2002	955					3439.84	61.39	3378.45
	12/2/2002	1333					3439.84	61.18	3378.66
	1/29/2003	1355					3439.84	61.80	3378.04
	3/27/2003	1425					3439.84	61.14	3378.70

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/19/2003	1205					3439.84	61.16	3378.68
	9/9/2003	1010					3439.84	61.16	3378.68
	12/2/2003	1356					3439.84	61.06	3378.78
	3/30/2004	833					3439.84	61.04	3378.80
	6/7/2004	NR					3439.84	61.03	3378.81
	9/17/2004	1356					3439.84	61.06	3378.78
	11/29/2004	NR					3439.84	61.08	3378.76
	3/31/2005	1147					3439.84	60.80	3379.04
	5/23/2005	NR					3439.84	60.60	3379.24
MW031	4/25/2002	1035	76.00	77.21	4	2.4	3440.68	61.80	3378.88
	5/7/2002	825					3440.68	61.85	3378.83
	9/3/2002	1009					3440.68	61.88	3378.8
	12/2/2002	1325					3440.68	61.73	3378.95
	1/29/2003	1345					3440.68	61.71	3378.97
	3/27/2003	1440					3440.68	61.65	3379.03
	5/19/2003	1220					3440.68	61.67	3379.01
	9/9/2003	953					3440.68	61.68	3379
	12/2/2003	1407					3440.67	61.50	3379.168
	3/30/2004	912					3440.67	61.53	3379.138
	6/7/2004	NR					3440.67	61.51	3379.158
	9/16/2004	1530					3440.67	61.48	3379.19
	11/29/2004	NR					3440.68	61.43	3379.25
	3/31/2005	1153					3440.68	61.04	3379.64
	5/23/2005	NR					3440.68	60.96	3379.72
MW032	4/4/2002	NR	68.00	69.25	4	-0.48	3442.22	62.71	3379.51
	9/3/2002	1020					3442.22	62.61	3379.61
	12/2/2002	1200					3442.22	62.40	3379.82
	1/31/2003	1114					3442.22	62.55	3379.67
	3/27/2003	1524					3442.22	62.32	3379.90
	5/19/2003	1240					3442.22	62.37	3379.85
	9/9/2003	840					3442.22	62.38	3379.84
	12/2/2003	1508					3442.22	62.23	3379.99
	3/30/2004	1004					3442.22	62.30	3379.92
	6/7/2004	NR					3442.22	62.28	3379.94
	9/16/2004	1413					3442.22	62.14	3380.08
	3/31/2005	1408					3442.22	61.54	3380.68
	5/23/2005	NR					3442.22	61.35	3380.87

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
MW033	4/4/2002	NR	62.00	63.50	4	-0.20	3428.86	48.95	3379.91
	9/3/2002	1037					3428.86	48.86	3380.00
	12/5/2002	NR					3428.86	48.76	3380.10
	1/31/2003	1140					3428.86	48.63	3380.23
	3/27/2003	1547					3428.86	48.50	3380.36
	5/19/2003	1045					3428.86	48.63	3380.23
	9/9/2003	1308					3428.86	48.59	3380.27
	12/3/2003	1151					3428.86	48.69	3380.17
	3/30/2004	1403					3428.86	49.78	3379.08
	6/7/2004	NR					3428.86	48.64	3380.22
	9/16/2004	1427					3428.86	48.51	3380.35
	11/30/2004	NR					3428.86	48.41	3380.45
	4/1/2005	1051					3428.86	48.24	3380.62
	5/23/2005	NR					3428.86	47.73	3381.13
MW034	4/4/2002	NR	62.00	63.10	4	-0.48	3418.76	43.49	3375.27
	9/3/2002	955					3418.76	43.43	3375.33
	12/2/2002	1114					3418.76	43.24	3375.52
	1/30/2003	1151					3418.76	43.31	3375.45
	3/28/2003	1420					3418.76	43.20	3375.56
	5/19/2003	1503					3418.76	43.24	3375.52
	9/8/2003	1418					3418.76	43.43	3375.33
	12/2/2003	1209					3418.76	43.37	3375.39
	3/30/2004	1103					3418.76	43.55	3375.21
	6/7/2004	NR					3418.76	43.50	3375.26
	9/16/2004	1238					3418.76	43.41	3375.35
	11/29/2004	NR					3418.76	43.71	3375.05
	3/31/2005	1005					3418.76	42.66	3376.10
	5/23/2005	NR					3418.76	42.52	3376.24
MW035	8/23/2001	1354	62.00	65.60	4	2.47	3427.39	50.49	3376.90
	1/21/2002	1208					3427.39	50.45	3376.94
	4/4/2002	935					3427.39	50.58	3376.81
	9/3/2002	1150					3427.39	50.04	3377.35
	12/2/2002	1516					3427.39	50.03	3377.36
	1/31/2003	947					3427.39	50.03	3377.36
	3/28/2003	922					3427.39	50.19	3377.2
	5/19/2003	1558					3427.39	50.24	3377.15

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	9/9/2003	1120					3427.39	50.35	3377.04
	12/3/2003	830					3427.39	50.32	3377.07
	3/30/2004	1251					3427.39	50.52	3376.87
	6/7/2004	NR					3427.39	50.51	3376.88
	9/17/2004	1028					3427.39	49.98	3377.41
	11/30/2004	NR					3427.39	49.09	3378.3
	3/31/2005	1530					3427.39	49.02	3378.37
	5/23/2005	NR					3427.39	49.06	3378.33
MW036	8/23/2001	1405	62.00	62.64	4	-0.35	3425.49	48.36	3377.13
	1/21/2002	1211					3425.49	48.22	3377.27
	4/4/2002	940					3425.49	48.24	3377.25
	9/3/2002	1220					3425.49	47.75	3377.74
	12/2/2002	1520					3425.49	47.78	3377.71
	1/31/2003	958					3425.49	47.84	3377.65
	3/28/2003	918					3425.49	47.91	3377.58
	5/19/2003	1554					3425.49	47.96	3377.53
	9/9/2003	1249					3425.49	48.12	3377.37
	12/3/2003	1102					3425.49	48.22	3377.27
	3/30/2004	1418					3425.49	48.37	3377.12
	6/7/2004	NR					3425.49	48.32	3377.17
	9/17/2004	1034					3425.49	47.86	3377.63
	11/30/2004	NR					3425.49	47.20	3378.29
	4/1/2005	1018					3425.49	46.89	3378.6
	5/23/2005	NR					3425.49	46.80	3378.69
MW037	8/23/2001	1420	62.00	61.72	4	-0.37	3423.71	46.60	3377.11
	1/21/2002	1232					3423.71	46.59	3377.12
	4/4/2002	1150					3423.71	46.62	3377.09
	9/3/2002	1225					3423.71	46.07	3377.64
	12/2/2002	1533					3423.71	46.17	3377.54
	1/31/2003	830					3423.71	46.28	3377.43
	3/28/2003	1504					3423.71	46.29	3377.42
	5/19/2003	1405					3423.71	46.39	3377.32
	9/9/2003	1303					3423.71	46.52	3377.19
	12/3/2003	1053					3423.71	46.46	3377.25
	3/30/2004	1413					3423.71	47.76	3375.95
	6/7/2004	NR					3423.71	46.64	3377.07

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	9/17/2004	1134					3423.71	46.18	3377.53
	11/30/2004	NR					3423.71	45.51	3378.2
	4/1/2005	1042					3423.71	45.34	3378.37
	5/23/2005	NR					3423.71	45.21	3378.5
MW038	8/23/2001	1415	62.00	61.98	4	-0.34	3425.23	47.85	3377.38
	1/21/2002	1213					3425.23	47.69	3377.54
	4/4/2002	955					3425.23	47.81	3377.42
	9/3/2002	1230					3425.23	47.43	3377.8
	12/2/2002	1522					3425.23	47.30	3377.93
	1/31/2003	1003					3425.23	47.41	3377.82
	3/28/2003	912					3425.23	47.51	3377.72
	5/19/2003	1522					3425.23	47.42	3377.81
	9/9/2003	1259					3425.23	47.61	3377.62
	12/3/2003	1107					3425.23	47.72	3377.51
	3/30/2004	1427					3425.23	47.80	3377.43
	6/7/2004	NR					3425.23	47.76	3377.47
	9/17/2004	1224					3425.23	47.44	3377.79
	11/30/2004	NR					3425.23	46.89	3378.34
	4/1/2005	1023					3425.23	46.54	3378.69
	5/23/2005	NR					3425.23	46.35	3378.88
MW039A	8/23/2001	1330	118.00	119.59	4	2.36	3435.71	57.85	3377.86
	1/21/2002	1153					3435.71	57.62	3378.09
	4/4/2002	1030					3435.71	57.71	3378
	9/3/2002	1155					3435.71	57.47	3378.24
	12/2/2002	1419					3435.71	57.20	3378.51
	1/30/2003	1403					3435.71	57.20	3378.51
	3/28/2003	1131					3435.71	57.40	3378.31
	5/19/2003	1530					3435.71	57.27	3378.44
	9/9/2003	1109					3435.71	57.43	3378.28
	12/2/2003	1558					3435.71	57.32	3378.39
	3/30/2004	1329					3435.71	57.43	3378.28
	6/7/2004	NR					3435.71	57.52	3378.19
	9/17/2004	954					3435.71	57.22	3378.49
	11/30/2004	NR					3435.71	57.00	3378.71
	3/31/2005	1537					3435.71	56.54	3379.17
	5/23/2005	NR					3435.71	56.29	3379.42

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
MW040A	4/4/2002	NR	110.00	110.10	4	-0.48	3422.92	43.70	3379.22
	9/3/2002	945					3422.92	43.90	3379.02
	12/2/2002	1258					3422.92	43.71	3379.21
	1/31/2003	1046					3422.92	43.71	3379.21
	3/28/2003	1233					3422.92	43.71	3379.21
	5/19/2003	1330					3422.92	43.69	3379.23
	9/9/2003	1051					3422.92	43.69	3379.23
	12/2/2003	1448					3422.92	43.68	3379.24
	3/30/2004	1234					3422.92	43.84	3379.08
	6/7/2004	NR					3422.92	43.97	3378.95
	9/17/2004	1129					3422.92	43.70	3379.22
	11/30/2004	NR					3422.92	43.29	3379.63
	3/31/2005	1328					3422.92	32.79	3390.13
	5/23/2005	NR					3422.92	42.55	3380.37
MW041A	4/29/2002	800	90.00	88.00	4	-0.25	3418.42	43.22	3375.2
	5/7/2002	NR					3418.42	43.12	3375.3
	9/3/2002	950					3418.42	43.30	3375.12
	12/2/2002	1112					3418.42	43.04	3375.38
	1/30/2003	1146					3418.42	43.19	3375.23
	3/28/2003	1421					3418.42	43.01	3375.41
	5/19/2003	1500					3418.42	43.08	3375.34
	9/8/2003	1416					3418.42	43.23	3375.19
	12/2/2003	1206					3418.42	43.23	3375.19
	3/30/2004	1109					3418.42	43.38	3375.04
	6/7/2004	NR					3418.42	43.33	3375.09
	9/16/2004	1240					3418.42	43.24	3375.18
	11/29/2004	NR					3418.42	42.97	3375.45
	3/31/2005	1003					3418.42	42.49	3375.93
	5/23/2005	NR					3418.42	42.35	3376.07
MW042A	8/23/2001	1400	102.00	99.47	4	-0.39	3424.75	46.26	3378.49
	1/21/2002	1209					3424.75	48.30	3376.45
	4/4/2002	930					3424.75	48.17	3376.58
	9/3/2002	1151					3424.75	47.86	3376.89
	12/2/2002	1514					3424.75	47.75	3377
	1/31/2003	945					3424.75	47.65	3377.1
	3/28/2003	925					3424.75	47.84	3376.91

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/19/2003	1603					3424.75	47.84	3376.91
	9/9/2003	1122					3424.75	48.04	3376.71
	12/3/2003	833					3424.75	48.00	3376.75
	3/30/2004	1254					3424.75	48.31	3376.44
	6/7/2004	NR					3424.75	48.42	3376.33
	9/17/2004	1026					3424.75	48.58	3376.17
	11/29/2004	NR					3424.75	47.24	3377.51
	3/31/2005	1527					3424.75	47.30	3377.45
	5/23/2005	NR					3424.75	47.05	3377.7
MW043	5/7/2002	810	62.00	65.00	4	1.98	3423.57	47.61	3375.96
	9/3/2002	1015					3423.57	47.53	3376.04
	12/2/2002	1122					3423.57	47.42	3376.15
	1/30/2003	1048					3423.57	47.38	3376.19
	3/28/2003	1442					3423.57	47.44	3376.13
	5/19/2003	1229					3423.57	47.50	3376.07
	9/8/2003	1331					3423.57	47.64	3375.93
	12/2/2003	1054					3423.57	47.55	3376.02
	3/30/2004	1009					3423.57	47.84	3375.73
	6/7/2004	NR					3423.57	47.82	3375.75
	9/14/2004	1418					3423.57	47.44	3376.13
	11/29/2004	NR					3423.57	46.55	3377.02
	3/31/2005	950					3423.57	46.49	3377.08
	5/23/2005	NR					3423.57	46.51	3377.06
MW044	4/4/2002	NR	60.00	61.50	4	-0.40	3420.41	43.86	3376.55
	9/3/2002	1010					3420.41	43.52	3376.89
	12/2/2002	1118					3420.41	43.47	3376.94
	1/30/2003	1155					3420.41	43.68	3376.73
	3/28/2003	1415					3420.41	43.49	3376.92
	5/19/2003	1509					3420.41	43.58	3376.83
	9/8/2003	1421					3420.41	43.69	3376.72
	12/2/2003	1213					3420.41	43.65	3376.76
	3/30/2004	1115					3420.41	43.90	3376.51
	6/7/2004	NR					3420.41	43.88	3376.53
	9/16/2004	1249					3420.41	43.49	3376.92
	11/29/2004	NR					3420.41	43.06	3377.35
	3/31/2005	958					3420.41	42.59	3377.82

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/23/2005	NR					3420.41	42.55	3377.86
MW045	4/4/2002	912	66.00	66.56	4	-0.16	3425.53	48.57	3376.96
	9/3/2002	1146					3425.53	48.15	3377.38
	12/2/2002	1509					3425.53	47.94	3377.59
	1/31/2003	941					3425.53	48.08	3377.45
	3/28/2003	929					3425.53	48.31	3377.22
	5/19/2003	1611					3425.53	48.11	3377.42
	9/9/2003	1125					3425.53	48.34	3377.19
	12/3/2003	848					3425.53	48.37	3377.16
	3/30/2004	1301					3425.53	48.44	3377.09
	6/7/2004	NR					3425.53	48.61	3376.92
	9/17/2004	1016					3425.53	48.10	3377.43
	11/30/2004	NR					3425.53	47.60	3377.93
	3/31/2005	1525					3425.53	47.05	3378.48
	5/23/2005	NR					3425.53	46.98	3378.55
MW046	4/4/2002	855	66.00	67.00	4	-0.43	3426.81	49.93	3376.88
	9/3/2002	1143					3426.81	49.37	3377.44
	12/2/2002	1502					3426.81	49.17	3377.64
	1/31/2003	930					3426.81	49.33	3377.48
	3/28/2003	933					3426.81	49.66	3377.15
	5/19/2003	1620					3426.81	49.35	3377.46
	9/9/2003	1129					3426.81	49.67	3377.14
	12/3/2003	852					3426.81	49.75	3377.06
	3/30/2004	1309					3426.81	49.82	3376.99
	6/7/2004	NR					3426.81	50.05	3376.76
	9/17/2004	1011					3426.81	49.33	3377.48
	11/30/2004	NR					3426.81	48.99	3377.82
	3/31/2005	1517					3426.81	48.36	3378.45
	5/23/2005	NR					3426.81	48.18	3378.63
MW046A	1/7/2003	1205	107.00	107.80	4	-0.49	3426.45	50.09	3376.36
	1/31/2003	933					3426.45	48.81	3377.64
	3/28/2003	934					3426.45	49.06	3377.39
	5/19/2003	1616					3426.45	48.88	3377.57
	9/9/2003	1131					3426.45	50.48	3375.97
	12/3/2003	858					3426.45	50.54	3375.91
	3/30/2004	1307					3426.45	50.33	3376.12

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	6/7/2004	NR					3426.45	50.20	3376.25
	9/17/2004	1013					3426.45	48.83	3377.62
	11/30/2004	NR					3426.45	48.66	3377.79
	3/31/2005	1525					3426.45	47.92	3378.53
	5/23/2005	NR					3426.45	47.75	3378.7
MW047	4/4/2002	1130	66.00	64.95	4	-0.45	3427.65	49.54	3378.11
	9/3/2002	1215					3427.65	49.40	3378.25
	12/2/2002	1412					3427.65	49.16	3378.49
	1/31/2003	856					3427.65	49.22	3378.43
	3/28/2003	1009					3427.65	49.29	3378.36
	5/19/2003	1635					3427.65	49.21	3378.44
	9/9/2003	1146					3427.65	49.36	3378.29
	12/3/2003	1057					3427.65	49.38	3378.27
	3/30/2004	1341					3427.65	49.50	3378.15
	6/7/2004	NR					3427.65	49.43	3378.22
	9/17/2004	1210					3427.65	49.20	3378.45
	11/30/2004	NR					3427.65	48.66	3378.99
	3/31/2005	1439					3427.65	47.98	3379.67
	5/23/2005	NR					3427.65	47.90	3379.75
MW048SA	8/1/2002	1115	82.00	86.00	4	2.34	3421.10	46.45	3374.65
	9/3/2002	1000					3421.10	46.40	3374.7
	12/2/2002	1103					3421.10	46.26	3374.84
	1/30/2003	1115					3421.10	46.18	3374.92
	3/28/2003	1341					3421.10	46.15	3374.95
	5/19/2003	1321					3421.10	46.19	3374.91
	9/8/2003	1412					3421.1	46.44	3374.66
	12/2/2003	1103					3421.1	46.45	3374.65
	3/30/2004	1101					3421.1	46.62	3374.48
	6/7/2004	NR					3421.1	46.48	3374.62
	9/16/2004	1221					3421.1	46.43	3374.67
	11/29/2004	NR					3421.1	46.17	3374.93
	3/31/2005	1011					3421.1	45.67	3375.43
	5/23/2005	NR					3421.1	45.52	3375.58
MW049SA	7/30/2002	1140	82.00	85.00	4	2.32	3422.46	49.31	3373.15
	9/3/2002	1005					3422.46	49.29	3373.17
	12/2/2002	1105					3422.46	49.18	3373.28

ARCADIS

Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	1/30/2003	1112					3422.46	49.13	3373.33
	3/28/2003	1345					3422.46	49.09	3373.37
	5/19/2003	1317					3422.46	49.08	3373.38
	9/8/2003	1409					3422.46	49.32	3373.14
	12/2/2003	1058					3422.46	49.32	3373.14
	3/30/2004	1058					3422.46	49.42	3373.04
	6/7/2004	NR					3422.46	48.57	3373.89
	9/16/2004	1224					3422.46	49.36	3373.1
	11/29/2004	NR					3422.46	49.16	3373.3
	3/31/2005	1009					3422.46	48.65	3373.81
	5/23/2005	NR					3422.46	48.59	3373.87
MW050SA	7/30/2002	1000	78.00	81.00	4	1.75	3419.31	46.30	3373.01
	9/3/2002	1030					3419.31	46.19	3373.12
	12/2/2002	1133					3419.31	45.93	3373.38
	1/30/2003	1030					3419.31	45.92	3373.39
	3/28/2003	1430					3419.31	45.92	3373.39
	5/19/2003	1214					3419.31	46.01	3373.3
	9/8/2003	1335					3419.31	46.13	3373.18
	12/2/2003	1050					3419.31	46.05	3373.26
	3/30/2004	1006					3419.31	46.15	3373.16
	6/7/2004	NR					3419.31	46.18	3373.13
	9/14/2004	1402					3419.31	46.18	3373.13
	11/29/2004	NR					3419.31	45.80	3373.51
	3/31/2005	954					3419.31	45.34	3373.97
	5/23/2005	NR					3419.31	45.26	3374.05
MW051SA	10/10/2002	925	65.00	66.00	4	2.00	3415.42	44.50	3370.92
	12/2/2002	1058					3415.42	44.43	3370.99
	1/30/2003	1055					3415.42	44.38	3371.04
	3/28/2003	1411					3415.42	44.39	3371.03
	5/19/2003	1308					3415.42	44.40	3371.02
	9/8/2003	1341					3415.42	44.55	3370.87
	12/2/2003	1123					3415.42	44.53	3370.89
	3/30/2004	1053					3415.42	44.59	3370.83
	6/7/2004	NR					3415.42	44.53	3370.89
	9/14/2004	1427					3415.42	44.58	3370.84
	3/31/2005	1017					3415.42	44.04	3371.38

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/23/2005	NR					3415.42	43.95	3371.47
MW052SA	10/10/2002	1110	65.00	66.50	4	2.31	3415.23	45.45	3369.78
	12/2/2002	1053					3415.23	45.39	3369.84
	1/30/2003	1105					3415.23	45.35	3369.88
	3/28/2003	1406					3415.23	45.36	3369.87
	5/19/2003	1305					3415.23	45.28	3369.95
	9/8/2003	1407					3415.23	45.51	3369.72
	12/2/2003	1132					3415.23	45.52	3369.71
	3/30/2004	1048					3415.23	45.58	3369.65
	6/7/2004	NR					3415.23	45.85	3369.38
	9/14/2004	1436					3415.23	45.58	3369.65
	11/29/2004	NR					3415.23	45.43	3369.8
	3/31/2005	1021					3415.23	45.05	3370.18
	5/23/2005	NR					3415.23	45.02	3370.21
MW053SA	9/18/2002	945	65.00	68.29	4	2.48	3413.86	42.93	3370.93
	12/2/2002	NR					3413.86	42.80	3371.06
	1/30/2003	1123					3413.86	42.68	3371.18
	3/28/2003	1331					3413.86	42.68	3371.18
	5/19/2003	1425					3413.86	42.65	3371.21
	9/8/2003	1440					3413.86	43.09	3370.77
	12/2/2003	1306					3413.86	43.12	3370.74
	3/30/2004	1300					3413.86	43.15	3370.71
	6/7/2004	NR					3413.86	43.04	3370.82
	9/16/2004	1155					3413.86	43.09	3370.77
	11/29/2004	NR					3413.86	42.74	3371.12
	3/31/2005	1056					3413.86	42.13	3371.73
	5/23/2005	NR					3413.86	41.97	3371.89
MW054SA	1/30/2003	1100	60.00	60.10	4	2.31	3411.38	45.21	3366.17
	3/28/2003	1400					3411.38	45.09	3366.29
	5/19/2003	1258					3411.38	45.09	3366.29
	9/8/2003	1401					3411.38	45.43	3365.95
	12/2/2003	1135					3411.38	45.41	3365.97
	3/30/2004	1044					3411.38	45.46	3365.92
	6/7/2004	NR					3411.38	45.37	3366.01
	9/14/2004	1443					3411.38	42.48	3368.9
	11/29/2004	NR					3411.38	45.26	3366.12

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	3/31/2005	1026					3411.38	44.90	3366.48
	5/23/2005	NR					3411.38	44.81	3366.57
MW055SA	1/6/2003	NR	50.00	53.20	4	2.35	3407.43	41.20	3366.23
	1/30/2003	NR					3407.43	41.00	3366.43
	3/27/2003	1343					3407.43	41.15	3366.28
	5/19/2003	1159					3407.43	41.00	3366.43
	9/8/2003	1310					3407.43	41.13	3366.3
	12/2/2003	41.09					3407.43	41.09	3366.34
	3/30/2004	938					3407.43	41.12	3366.31
	6/7/2004	NR					3407.43	41.02	3366.41
	9/14/2004	1159					3407.43	41.18	3366.25
	11/29/2004	NR					3407.43	41.08	3366.35
	3/31/2005	929					3407.43	40.90	3366.53
	5/23/2005	NR					3407.43	40.82	3366.61
MW056SA	1/7/2003	NR	52.00	55.02	4	2.30	3410.71	46.32	3364.39
	1/30/2003	1015					3410.71	46.21	3364.5
	3/28/2003	1451					3410.71	46.20	3364.51
	5/19/2003	1154					3410.71	46.18	3364.53
	9/8/2003	1313					3410.71	46.31	3364.4
	12/2/2003	959					3410.71	46.33	3364.38
	3/30/2004	942					3410.71	46.40	3364.31
	6/7/2004	NR					3410.71	46.31	3364.4
	9/14/2004	1206					3410.71	46.38	3364.33
	11/29/2004	NR					3410.71	46.31	3364.4
	3/31/2005	932					3410.71	46.01	3364.7
	5/23/2005	NR					3410.71	45.93	3364.78
MW057SA	1/30/2003	1020	70.00	71.20	4	2.36	3417.74	46.33	3371.41
	3/28/2003	1459					3417.74	46.45	3371.29
	5/19/2003	1150					3417.74	46.59	3371.15
	9/8/2003	1318					3417.74	46.72	3371.02
	12/2/2003	1004					3417.74	46.65	3371.09
	3/30/2004	1000					3417.74	46.70	3371.04
	6/7/2004	NR					3417.74	46.75	3370.99
	9/14/2004	1353					3417.74	46.58	3371.16
	11/30/2004	NR					3417.74	46.00	3371.74
	3/31/2005	938					3417.74	45.77	3371.97

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/23/2005	NR					3417.74	45.73	3372.01
MW058	1/31/2003	1120	114.00	111.85	4	2.12	3437.13	58.49	3378.64
	3/27/2003	1428					3437.13	58.49	3378.64
	5/19/2003	1210					3437.13	58.52	3378.61
	9/9/2003	1013					3437.13	58.57	3378.56
	12/2/2003	1359					3437.13	58.44	3378.69
	3/30/2004	837					3437.13	58.51	3378.62
	6/7/2004	NR					3437.13	58.50	3378.63
	9/16/2004	1548					3437.13	58.42	3378.71
	11/29/2004	NR					3437.13	58.43	3378.7
	3/31/2005	1145					3437.13	59.08	3378.05
	5/23/2005	NR					3437.13	57.84	3379.29
MW059	1/31/2003	1125	113.00	107.09	4	2.19	3442.22	63.28	3378.94
	3/28/2003	1105					3442.22	63.23	3378.99
	5/19/2003	1430					3442.22	63.15	3379.07
	9/9/2003	1106					3442.22	63.15	3379.07
	12/2/2003	1538					3442.22	63.05	3379.17
	3/30/2004	851					3442.22	63.06	3379.16
	6/7/2004	NR					3442.22	63.00	3379.22
	9/17/2004	938					3442.22	63.03	3379.19
	11/30/2004	NR					3442.22	62.96	3379.26
	3/31/2005	1549					3442.22	62.75	3379.47
	5/23/2005	NR					3442.22	62.51	3379.71
MW060	1/8/2003	NR	100.00	102.60	4	2.56	3437.70	58.62	3379.08
	1/30/2003	NR					3437.70	58.38	3379.32
	3/28/2003	1046					3437.70	58.45	3379.25
	5/19/2003	1620					3437.70	58.39	3379.31
	9/9/2003	1002					3437.7	58.34	3379.36
	12/2/2003	1421					3437.7	58.15	3379.55
	3/30/2004	927					3437.7	58.20	3379.5
	6/7/2004	NR					3437.7	58.19	3379.51
	9/16/2004	1535					3437.7	58.12	3379.58
	11/29/2004	NR					3437.7	58.11	3379.59
	3/31/2005	1252					3437.7	57.79	3379.91
	5/23/2005	NR					3437.7	57.63	3380.07
MW061	1/8/2003	NR	108.50	111.75	4	2.19	3439.86	60.23	3379.63

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	3/27/2003	1516					3439.86	60.20	3379.66
	5/19/2003	1230					3439.86	60.26	3379.6
	9/9/2003	930					3439.86	60.18	3379.68
	12/2/2003	1426					3439.86	60.00	3379.86
	3/30/2004	944					3439.86	60.12	3379.74
	6/7/2004	NR					3439.86	60.06	3379.8
	9/16/2004	1518					3439.86	59.93	3379.93
	11/29/2004	NR					3439.86	59.84	3380.02
	3/31/2005	1300					3439.86	59.52	3380.34
	5/23/2005	NR					3439.86	59.32	3380.54
MW062A	1/31/2003	1040	108.00	111.00	4	1.65	3434.19	57.13	3377.06
	3/27/2003	1358					3434.19	57.16	3377.03
	5/19/2003	1140					3434.19	57.19	3377
	9/9/2003	1026					3434.19	57.29	3376.9
	12/2/2003	1338					3434.19	57.17	3377.02
	3/30/2004	807					3434.19	57.35	3376.84
	6/7/2004	NR					3434.19	57.40	3376.79
	9/16/2004	1631					3434.19	57.18	3377.01
	11/29/2004	NR					3434.19	57.08	3377.11
	3/31/2005	1119					3434.19	56.64	3377.55
	5/23/2005	NR					3434.19	56.51	3377.68
MW063A	1/31/2003	1036	106.00	108.50	4	1.96	3435.22	57.89	3377.33
	3/27/2003	1401					3435.22	57.80	3377.42
	5/19/2003	1130					3435.22	57.82	3377.4
	9/9/2003	1023					3435.22	57.89	3377.33
	12/2/2003	1342					3435.22	57.78	3377.44
	3/30/2004	813					3435.22	57.97	3377.25
	6/7/2004	NR					3435.22	57.93	3377.29
	9/16/2004	1608					3435.22	57.81	3377.41
	11/29/2004	NR					3435.22	57.78	3377.44
	3/31/2005	1125					3435.22	54.53	3380.69
	5/23/2005	NR					3435.22	57.20	3378.02
MW064SA	3/27/2003	1337	75.00	77.71	4	2.21	3405.15	54.20	3350.95
	5/19/2003	1254					3405.15	54.22	3350.93
	9/8/2003	1258					3405.15	54.27	3350.88
	12/2/2003	952					3405.15	54.35	3350.8

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	3/30/2004	834					3405.15	54.39	3350.76
	6/7/2004	NR					3405.15	54.40	3350.75
	9/14/2004	1135					3405.15	54.36	3350.79
	11/29/2004	NR					3405.15	54.24	3350.91
	3/24/2005	1315					3405.15	54.91	3350.24
	5/23/2005	1530					3405.15	53.69	3351.46
MW065SA	3/27/2003	1330	80.00	82.50	4	2.04	3402.96	54.21	3348.75
	5/19/2003	1209					3402.96	54.23	3348.73
	9/8/2003	1306					3402.96	54.38	3348.58
	12/2/2003	949					3402.96	54.51	3348.45
	3/30/2004	1612					3402.96	54.61	3348.35
	6/7/2004	NR					3402.96	54.32	3348.64
	9/14/2004	1112					3402.96	54.45	3348.51
	11/30/2004	NR					3402.96	54.31	3348.65
	3/31/2005	922					3402.96	53.92	3349.04
	5/23/2005	NR					3402.96	53.66	3349.3
MW066SA	3/28/2003	1355	66.00	68.95	4	2.56	3404.03	52.45	3351.58
	5/19/2003	1244					3404.03	52.24	3351.79
	9/8/2003	1346					3404.03	52.71	3351.32
	12/2/2003	1147					3404.03	53.00	3351.03
	3/30/2004	923					3404.03	53.16	3350.87
	6/7/2004	NR					3404.03	52.88	3351.15
	9/14/2004	1155					3404.03	55.30	3348.73
	11/29/2004	NR					3404.03	53.24	3350.79
	3/29/2005	928					3404.03	52.71	3351.32
	5/23/2005	NR					3404.03	52.36	3351.67
MW067SA	3/28/2003	1353	83.00	84.40	4	2.50	3409.16	47.64	3361.52
	5/19/2003	1246					3409.16	47.61	3361.55
	9/8/2003	1356					3409.16	48.19	3360.97
	12/2/2003	1154					3409.16	48.25	3360.91
	3/30/2004	1033					3409.16	48.34	3360.82
	6/7/2004	NR					3409.16	48.10	3361.06
	9/14/2004	1452					3409.16	48.26	3360.9
MW068	3/27/2003	1459	110.00	112.72	4	2.25	3448.08	67.61	3380.47
	5/19/2003	1235					3448.08	68.70	3379.38
	9/9/2003	911					3448.08	68.67	3379.41

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	*Drilled Depth* (Feet BGL)	*Measured Depth* (Feet BTOC)	*Well Diameter* (Inches)	*Measured* Stickup (Feet)	*Top of Casing Elevation* (Feet AMSL)	*Measured Depth to* Water (Feet BTOC)	*Groundwater Elevation* (Feet AMSL)
	12/2/2003	1417					3448.08	68.51	3379.57
	3/30/2004	933					3448.08	68.52	3379.56
	6/7/2004	NR					3448.08	68.45	3379.63
	9/16/2004	1513					3448.18	68.30	3379.88
	11/29/2004	NR					3448.08	68.19	3379.89
	3/31/2005	1247					3448.08	67.90	3380.18
	5/23/2005	NR					3448.08	67.78	3380.3
MW069	3/27/2003	1507	110.00	112.81	4	2.37	3444.07	64.89	3379.18
	5/19/2003	1225					3444.07	64.83	3379.24
	9/9/2003	948					3444.07	64.79	3379.28
	12/2/2003	1412					3444.07	64.63	3379.44
	3/30/2004	920					3444.07	64.65	3379.42
	6/7/2004	NR					3444.07	64.63	3379.44
	9/16/2004	1524					3444.07	64.60	3379.47
	11/29/2004	NR					3444.07	64.51	3379.56
	3/31/2005	1159					3444.07	64.24	3379.83
	5/23/2005	NR					3444.07	64.08	3379.99
MW070	3/27/2003	1406	93.00	95.15	4	2.15	3439.68	61.00	3378.68
	5/19/2003	1150					3439.68	61.03	3378.65
	9/9/2003	1018					3439.68	61.02	3378.66
	12/2/2003	1351					3439.68	60.93	3378.75
	3/30/2004	821					3439.68	61.02	3378.66
	6/7/2004	NR					3439.68	60.94	3378.74
	9/16/2004	1558					3439.68	60.90	3378.78
	11/29/2004	NR					3439.68	60.91	3378.77
	3/31/2005	1135					3439.68	60.72	3378.96
	5/23/2005	NR					3439.68	60.52	3379.16
MW070A	3/27/2003	1411	127.00	127.11	4	2.19	3439.67	61.08	3378.59
	5/19/2003	1200					3439.67	61.06	3378.61
	9/9/2003	1020					3439.67	61.05	3378.62
	12/2/2003	1353					3439.67	60.96	3378.71
	3/30/2004	825					3439.67	60.96	3378.71
	6/7/2004	NR					3439.67	60.98	3378.69
	9/16/2004	1600					3439.67	60.98	3378.69
	11/30/2004	NR					3439.67	60.88	3378.79
	3/31/2005	1137					3439.67	60.68	3378.99

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/23/2005	NR					3439.67	60.49	3379.18
MW071SA	5/2/2003	1435	89.00	92.00	4	2.16	3401.01	34.79	3366.22
	5/19/2003	1117					3401.01	52.61	3348.4
	9/8/2003	1303					3401.01	52.83	3348.18
	12/2/2003	945					3401.01	52.98	3348.03
	3/30/2004	1608					3401.01	53.03	3347.98
	6/7/2004	NR					3401.01	52.78	3348.23
	9/14/2004	1105					3401.01	53.00	3348.01
	11/29/2004	NR					3401.01	53.71	3347.3
	3/31/2005	919					3401.01	57.12	3343.89
	5/23/2005	NR					3401.01	51.90	3349.11
MW072SA	5/1/2003	1030	91.00	93.55	4	1.96	3401.34	53.46	3347.88
	5/19/2003	1234					3401.34	52.96	3348.38
	9/8/2003	1351					3401.34	53.24	3348.1
	12/2/2003	1143					3401.34	53.35	3347.99
	3/30/2004	927					3401.34	53.49	3347.85
	6/7/2004	NR					3401.34	53.18	3348.16
	9/14/2004	1146					3401.34	53.39	3347.95
	11/29/2004	NR					3401.34	53.06	3348.28
	3/29/2005	933					3401.34	52.39	3348.95
	5/23/2005	NR					3401.34	52.14	3349.2
MW073SA	5/3/2003	1420	66.00	69.00	4	2.15	3403.26	50.25	3353.01
	5/19/2003	1240					3403.26	50.21	3353.05
	9/8/2003	1349					3403.26	50.61	3352.65
	12/2/2003	1149					3403.26	50.74	3352.52
	3/30/2004	930					3403.26	50.86	3352.4
	6/7/2004	NR					3403.26	50.58	3352.68
	9/14/2004	1151					3403.26	50.76	3352.5
	11/29/2004	NR					3403.26	50.40	3352.86
	3/31/2005	925					3403.26	49.65	3353.61
	5/23/2005	NR					3403.26	49.38	3353.88
MW074SA	2/18/2004	1325	68.00	66.44	4	2	3409.97	50.22	3359.75
	3/30/2004	946					3409.97	50.24	3359.73
	6/7/2004	NR					3409.97	50.15	3359.82
	9/14/2004	1342					3409.97	50.22	3359.75
	11/29/2004	NR					3409.97	NR	NR

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	3/31/005	935					3409.97	49.79	3360.18
	5/23/2005	NR					3409.97	49.69	3360.28
MW075SA	2/18/2004	1505	67.00	65.65	4	2.05	3404.21	54.19	3350.02
	3/30/2004	1559					3404.21	54.21	3350
	6/7/2004	NR					3404.21	54.11	3350.1
	9/14/2004	1118					3404.21	54.08	3350.13
	11/29/2004	NR					3404.21	54.04	3350.17
	3/31/2005	907					3404.21	53.69	3350.52
	5/23/2005	NR					3404.21	53.49	3350.72
MW076SA	2/18/2004	1459	100.00	91.74	4	1.95	3404.13	55.72	3348.41
	3/29/2004	1552					3404.13	55.77	3348.36
	6/7/2004	NR					3404.13	55.62	3348.51
	9/14/2004	1123					3404.13	55.64	3348.49
	11/29/2004	NR					3404.13	55.54	3348.59
	3/31/2005	910					3404.13	55.17	3348.96
	5/23/2005	NR					3404.13	54.94	3349.19
MW077SA	2/18/2004	1453	95.00	94.27	4	2.44	3401.71	53.71	3348
	3/30/2004	1547					3401.71	53.72	3347.99
	6/7/2004	NR					3401.71	53.49	3348.22
	9/14/2004	1107					3401.71	53.56	3348.15
	3/31/2005	902					3401.71	52.99	3348.72
	5/23/2005	NR					3401.71	52.77	3348.94
MW078SA	3/30/2004	1120	68.00	70.41	4	2.46	3411.12	44.63	3366.49
	6/7/2004	NR					3411.12	45.45	3365.67
	9/16/2004	1202					3411.12	45.72	3365.4
	11/29/2004	NR					3411.12	45.18	3365.94
	3/31/2005	1059					3411.12	44.30	3366.82
	5/23/2005	NR					3411.12	44.08	3367.04
MW079SA	3/30/2004	1028	70.00	71.9	4	2.46	3408.8	48.78	3360.02
	6/7/2004	NR					3408.8	46.61	3362.19
	9/14/2004	1456					3408.8	48.73	3360.07
	11/29/2004	NR					3408.8	46.27	3362.53
	5/23/2005	1637					3408.8	47.09	3361.71
MW080SA	3/30/2004	1030	74.00	74	4	2.46	3408.92	48.82	3360.1
	6/7/2004	NR					3408.92	48.70	3360.22
	9/14/2004	1454					3408.92	48.81	3360.11

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	11/29/2004	NR					3408.92	48.36	3360.56
	3/16/2005	1346					3408.92	47.56	3361.36
	5/23/2005	1634					3408.92	48.18	3360.74
MW081SA	3/30/2004	1032	70.00	74.7	4	2.47	3408.28	48.50	3359.78
	6/7/2004	NR					3408.28	46.80	3361.48
	9/14/2004	1458					3408.28	48.43	3359.85
	11/29/2004	NR					3408.28	47.99	3360.29
	3/16/2005	1506					3408.28	47.17	3361.11
	5/23/2005	1631					3408.28	47.12	3361.16
MW082SA	3/30/2004	850	77.00	80.29	4	2.51	3406.25	55.46	3350.79
	6/7/2004	NR					3406.25	55.35	3350.9
	9/14/2004	1141					3406.25	55.22	3351.03
	11/29/2004	NR					3406.25	55.19	3351.06
	3/1/2005	NR					3406.25	54.81	3351.44
	5/23/2005	1539					3406.25	54.66	3351.59
MW083SA	3/30/2004	848	77.00	80.29	4	2.47	3406.11	55.33	3350.78
	6/7/2004	NR					3406.11	55.22	3350.89
	9/14/2004	1139					3406.11	54.18	3351.93
	11/29/2004	NR					3406.11	55.19	3350.92
	3/1/2005	1014					3406.11	54.85	3351.26
	5/23/2005	1538					3406.11	54.58	3351.53
MW084SA	3/30/2004	831	77.00	80.14	4	2.58	3405.98	54.83	3351.15
	6/7/2004	NR					3405.98	54.78	3351.2
	9/14/2004	1129					3405.98	54.70	3351.28
	11/29/2004	NR					3405.98	54.61	3351.37
	3/24/2005	1447					3405.98	54.27	3351.71
	5/23/2005	1527					3405.98	54.09	3351.89
MW085SA	3/30/2004	837	78.00	80.3	4	2.48	3405.98	55.24	3350.74
	6/7/2004	NR					3405.98	55.08	3350.9
	9/14/2004	1137					3405.98	55.08	3350.9
	11/29/2004	NR					3405.98	54.98	3351
	3/24/2005	1046					3405.98	54.66	3351.32
	5/23/2005	1535					3405.98	54.44	3351.54
MW086SA	9/14/2004	808	90.00		4	2.98	3401.86	53.74	3348.12
	3/31/2005	917	94.00		4		3401.86	53.08	3348.78
	5/23/2005	NR					3401.86	52.83	3349.03

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
MW087SA	9/24/2004	NR	115.00		4	2.85	3430.75	50.05	3380.7
	3/31/2005	1453	115.00		4		3430.75	50.85	3379.9
	5/23/2005	NR					3430.75	50.74	3380.01
MW088M	9/24/2004	NR	90.00		4	2.84	3430.63	50.65	3379.98
	3/31/2005	1612	92.00		4		3430.63	50.61	3380.02
	5/23/2005	NR					3430.63	50.25	3380.38
RW001	11/16/1999	NR	111.00	106.50	6	2.49	3428.32	50.41	3377.91
	5/15/2001	NR					3428.32	49.65	3378.67
	8/23/2001	1325					3428.32	50.04	3378.28
	1/21/2002	1243					3428.32	49.85	3378.47
	4/4/2002	1140					3428.32	49.97	3378.35
	9/3/2002	1110					3428.32	49.88	3378.44
	12/2/2002	1359					3428.32	49.53	3378.79
	1/31/2003	1026					3428.32	49.63	3378.69
	3/28/2003	957					3428.32	49.62	3378.70
	5/19/2003	1615					3428.32	49.51	3378.81
	9/9/2003	1154					3428.32	49.66	3378.66
	12/3/2003	1007					3428.32	49.71	3378.61
	3/30/2004	1333					3428.32	49.81	3378.51
	6/7/2004	NR					3428.32	49.75	3378.57
	9/17/2004	1159					3428.32	49.34	3378.98
	11/29/2004	NR					3428.32	48.80	3379.52
	3/31/2005	1436					3428.32	48.43	3379.89
	5/23/2005	NR					3428.32	50.25	3378.07
RW002	1/21/2002	1145	68.00	72.07	6	2.18	3431.66	52.98	3378.68
	4/4/2002	1045					3431.66	53.05	3378.61
	9/3/2002	1150					3431.66	52.95	3378.71
	12/2/2002	1435					3431.66	52.81	3378.85
	1/30/2003	1415					3431.66	52.75	3378.91
	3/28/2003	1117					3431.66	52.76	3378.90
	5/19/2003	1520					3431.66	52.73	3378.93
	9/9/2003	1213					3431.66	52.72	3378.94
	12/3/2003	1031					3431.66	52.66	3379.00
	3/30/2004	1404					3431.66	52.77	3378.89
	6/7/2004	NR					3431.66	52.77	3378.89
	11/29/2004	NR					3431.66	52.34	3379.32

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	*Drilled Depth* (Feet BGL)	*Measured Depth* (Feet BTOC)	*Well Diameter* (Inches)	*Measured* Stickup (Feet)	*Top of Casing Elevation* (Feet AMSL)	*Measured Depth to* Water (Feet BTOC)	*Groundwater Elevation* (Feet AMSL)
	3/31/2005	1603					3431.66	51.05	3380.61
	5/23/2005	NR					3431.66	51.77	3379.89
RW003	1/21/2002	1256	65.00	67.79	6	2.31	3429.82	50.75	3379.07
	4/4/2002	1225					3429.82	50.78	3379.04
	9/3/2002	1240					3429.82	50.75	3379.07
	12/2/2002	1315					3429.82	50.56	3379.26
	1/30/2003	1326					3429.82	50.45	3379.37
	3/28/2003	1056					3429.82	50.55	3379.27
	5/19/2003	1505					3429.82	50.49	3379.33
	9/9/2003	1223					3429.82	50.40	3379.42
	12/3/2003	1043					3429.82	50.34	3379.48
	3/30/2004	1419					3429.82	50.53	3379.29
	6/7/2004	NR					3429.82	50.43	3379.39
	11/30/2004	NR					3429.82	50.13	3379.69
	3/31/2005	1614					3429.82	49.90	3379.92
	5/23/2005	NR					3429.82	49.55	3380.27
RW004A	1/21/2002	1135	115.00	118.76	6	2.36	3430.11	51.51	3378.60
	4/4/2002	1110					3430.11	51.59	3378.52
	9/3/2002	1115					3430.11	51.45	3378.66
	12/2/2002	1451					3430.11	51.10	3379.01
	1/31/2003	920					3430.11	51.14	3378.97
	3/28/2003	950					3430.11	51.16	3378.95
	5/19/2003	1605					3430.11	51.23	3378.88
	9/9/2003	1206					3430.11	46.36	3383.75
	12/3/2003	1020					3430.11	51.53	3378.58
	3/30/2004	1351					3430.74	52.34	3378.40
	6/7/2004	NR					3430.74	51.61	3379.13
	11/30/2004	NR					3430.74	51.56	3379.18
	3/31/2005	1501					3430.74	51.97	3378.77
	5/23/2005	NR					3430.74	52.13	3378.61
EPWW1	12/18/1997	NR	100.00	99.98	6	1.13	3429.95	73.12	3356.83
	4/22/1997	NR					3429.95	66.46	3363.49
	11/16/1999	NR					3429.95	65.20	3364.75
	5/15/2001	NR					3429.95	52.27	3377.68
	8/23/2001	1350					3429.95	52.86	3377.09
	1/21/2002	1542					3429.95	52.67	3377.28

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	4/4/2002	1010					3429.95	93.34	3336.61
	9/3/2002	1140					3429.95	50.85	3379.10
	12/2/2002	1458					3429.95	51.59	3378.36
	1/31/2003	927					3429.95	52.20	3377.75
	3/28/2003	941					3429.95	52.58	3377.37
	5/19/2003	1628					3429.95	52.26	3377.69
	9/9/2003	1136					3429.95	94.08	3335.87
	12/3/2003	918					3429.95	94.07	3335.88
	3/30/2004	NR					3429.95	86.62	3343.33
	6/7/2004	NR					3429.95	77.45	3352.50
	9/17/2004	1006					3429.95	52.22	3377.73
	11/30/2004	NR					3429.95	57.80	3372.15
	3/31/2005	1514					3429.95	51.39	3378.56
	5/23/2005	NR					3429.95	51.16	3378.79
LordWW	12/18/1997	NR	93.00	68.75	6	0.53	3419.97	44.00	3375.97
	11/16/1999	NR					3419.97	42.67	3377.30
	6/7/2001	1045					3419.97	41.90	3378.07
	2/6/2002	1330					3419.97	42.01	3377.96
	9/3/2002	910					3419.97	41.88	3378.09
	12/9/2002	NR					3419.97	41.88	3378.09
	6/5/2003	1030					3419.97	41.95	3378.02
	1/22/2004	1240					3419.97	42.25	3377.72
	3/30/2004	1530					3419.97	42.34	3377.63
	6/7/2004	NR					3419.97	42.12	3377.85
	9/17/2004	1420					3419.97	41.93	3378.04
	5/23/2005	NR					3419.97	40.93	3379.04
RowlandWW	12/18/1997	NR	--	66.00	6	0.46	3419.47	43.12	3376.35
	11/16/1999	NR					3419.47	41.58	3377.89
	5/15/2001	NR					3419.47	41.06	3378.41
	8/23/2001	1150					3419.47	40.92	3378.55
	1/21/2002	1537					3419.47	41.09	3378.38
	4/4/2002	1255					3419.47	41.32	3378.15
	9/3/2002	1235					3419.47	40.90	3378.57
	12/2/2002	1249					3419.47	40.80	3378.67
	1/31/2003	1057					3419.47	40.79	3378.68
	3/28/2003	1525					3419.47	40.74	3378.73

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	6/3/2003	NR					3419.47	40.92	3378.55
	9/9/2003	1314					3419.47	41.03	3378.44
	12/2/2003	1256					3419.47	41.14	3378.33
	3/30/2004	NR					3419.47	41.35	3378.12
	6/7/2004	NR					3419.47	41.17	3378.30
	3/31/2005	1416					3419.47	39.62	3379.85
	5/23/2005	NR					3419.47	39.81	3379.66
WoodellWW	5/15/2001	NR	120.00	86.00 to TOP	4	1.03	3423.77	49.63	3374.14
	8/23/2001	1500					3423.77	49.97	3373.80
	4/5/2002	1250					3423.77	49.52	3374.25
	9/3/2002	1300					3423.77	54.07 (P)	3369.7
	12/2/2002	1241					3423.77	49.06	3374.71
	1/30/2003	1025					3423.77	49.14	3374.63
	3/28/2003	1520					3423.77	62.24 (P)	3361.53
		NR					3423.77	53.76 (P)	3370.01
	6/5/2003	NR					3423.77	53.76 (P)	3370.01
	9/9/2003	1339					3423.77	53.65 (P)	3370.12
	12/2/2003	1009					3423.77	49.07	3374.70
	3/30/2004	1540					3423.77	49.50	3374.27
	6/7/2004	NR					3423.77	54.24	3369.53
	11/29/2004	NR					3423.77	48.89	3374.88
	5/23/2005	NR					3423.77	52.80	3370.97
GOPWW2	NR	NR	99.00	87.58	8	1.37	3396.97	49.02	3347.95
	12/4/2002	1540					3396.97	49.54	3347.43
	1/31/2003	1103					3396.97	49.42	3347.55
	3/28/2003	1300					3396.97	49.14	3347.83
	5/19/2003	1126					3396.97	49.21	3347.76
	9/9/2003	1326					3396.97	49.37	3347.6
	12/2/2003	938					3396.97	49.71	3347.26
	3/30/2004	1602					3396.97	49.54	3347.43
	6/7/2004	NR					3396.97	49.31	3347.66
	9/14/2004	1055					3396.97	49.45	3347.52
	11/29/2004	NR					3396.97	49.22	3347.75
	3/31/2005	915					3396.97	48.81	3348.16
	5/23/2005	NR					3396.67	48.52	3348.15
IW001	8/1/2002	1250	90.00	93.00	4	2.25	3431.91	53.19	3378.72

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	12/2/2002	*1437*					*3431.91*	*52.90*	*3379.01*
	1/30/2003	1411					3431.91	52.85	3379.06
	3/28/2003	1114					3431.91	52.94	3378.97
	5/19/2003	1510					3431.91	50.91	3381.00
	9/9/2003	1214					3431.91	52.62	3379.29
	12/3/2003	1033					3431.91	53.03	3378.88
	3/30/2004	1401					3431.91	52.98	3378.93
	6/7/2004	NR					3431.91	53.93	3377.98
	11/30/2004	NR					3431.91	53.04	3378.87
	3/31/2005	1605					3431.91	53.62	3378.29
	5/23/2005	NR					3431.91	52.58	3379.33
IW002	9/3/2002	NR	90.00	92.95	4	2.55	3430.33	53.14	3377.19
	12/2/2002	1315					3430.33	50.99	3379.34
	1/30/2003	1318					3430.33	50.88	3379.45
	3/28/2003	1052					3430.33	50.99	3379.34
	5/19/2003	1525					3430.33	50.88	3379.45
	9/9/2003	1225					3430.33	51.46	3378.87
	12/3/2003	1045					3430.33	50.94	3379.39
	3/30/2004	1421					3431.00	51.62	3379.38
	6/7/2004	NR					3431.00	51.61	3379.39
	11/30/2004	NR					3431.00	51.34	3379.66
	3/31/2005	1616					3431.00	51.54	3379.46
	5/23/2005	NR					3431.00	51.36	3379.64
IW003	12/16/2003	955	55.00	57.79	4	1.94	3406.68	45.47	3361.21
	2/18/2004	1528					3406.68	45.37	3361.31
	3/30/2004	1019					3406.68	45.37	3361.31
	6/3/2004	NR					3406.68	44.39	3362.29
	11/29/2004	NR					3406.68	45.95	3360.73
	3/17/2005	1006					3406.68	45.26	3361.42
	5/23/2005	1628					3406.68	45.10	3361.58
IW004	12/16/2003	957	50.00	52.86	4	2.04	3406.31	45.04	3361.27
	2/18/2004	1524					3406.31	44.95	3361.36
	3/30/2004	1016					3406.31	44.97	3361.34
	6/7/2004	NR					3406.31	45.99	3360.32
	11/29/2004	NR					3406.31	45.31	3361
	3/17/2005	1110					3406.31	44.83	3361.48

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	5/23/2005	1627					3406.31	44.43	3361.88
IW005	12/16/2003	1001	60.00	48.7	4	1.64	3405.36	45.85	3359.51
	2/18/2004	1435					3405.36	43.85	3361.51
	3/30/2004	920					3405.36	43.84	3361.52
	6/7/2004	NR					3405.36	45.02	3360.34
	11/29/2004	NR					3405.36	44.52	3360.84
	3/21/2005	1415					3405.36	43.72	3361.64
	5/23/2005	1617					3405.36	42.71	3362.65
IW006	12/16/2003	1054	50.00	52.8	4	2.12	3404.36	45.14	3359.22
	2/18/2004	1429					3404.36	43.24	3361.12
	3/30/2004	915					3404.36	43.24	3361.12
	6/7/2004	NR					3404.36	44.18	3360.18
	11/29/2004	NR					3404.36	43.75	3360.61
	3/21/2005	1537					3404.36	42.86	3361.5
	5/23/2005	1615					3404.36	42.54	3361.82
IW007	12/16/2003	1006	46.00	48.85	4	1.74	3405.31	45.65	3359.66
	2/18/2004	1422					3405.31	44.09	3361.22
	3/30/2004	912					3405.31	44.31	3361
	6/7/2004	NR					3405.31	43.54	3361.77
	11/29/2004	NR					3405.31	44.62	3360.69
	3/22/2005	1150					3405.31	43.24	3362.07
	5/23/2005	1612					3405.31	43.83	3361.48
IW008	12/16/2003	1008	50.00	52.18	4	2.03	3405.37	50.61	3354.76
	2/18/2004	1416					3405.37	50.13	3355.24
	3/30/2004	910					3405.37	51.08	3354.29
	6/7/2004	NR					3405.37	45.54	3359.83
	11/29/2004	NR					3405.37	43.98	3361.39
	3/22/2005	1334					3405.37	43.55	3361.82
	5/23/2005	1609					3405.37	43.85	3361.52
IW009	12/16/2003	1010	55.00	47.53	4	2.08	3406.07	47.22	3358.85
	2/18/2004	1411					3406.07	47.40	3358.67
	3/30/2004	907					3406.07	47.49	3358.58
	6/7/2004	NR					3406.07	44.55	3361.52
	11/29/2004	NR					3406.07	44.74	3361.33
	3/22/2005	1519					3406.07	44.30	3361.77
	5/23/2005	1607					3406.07	44.30	3361.77

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
IW010	12/16/2003	1011	62.00	60.05	4	1.42	3405.82	52.88	3352.94
	2/18/2004	1406					3405.82	53.48	3352.34
	3/30/2004	904					3405.82	53.52	3352.3
	6/7/2004	NR					3405.82	54.65	3351.17
	11/29/2004	NR					3405.82	54.45	3351.37
	3/22/2005	1537					3405.82	53.45	3352.37
	5/23/2005	1603					3405.82	53.21	3352.61
IW011	12/16/2003	1013	73.00	65.55	4	1.94	3406.83	57.60	3349.23
	2/18/2004	1400					3406.83	57.59	3349.24
	3/30/2004	902					3406.83	57.64	3349.19
	6/7/2004	NR					3406.83	58.79	3348.04
	11/29/2004	NR					3406.83	58.81	3348.02
	3/23/2005	1528					3406.83	58.19	3348.64
	5/23/2005	1600					3406.83	57.51	3349.32
IW012	2/18/2004	1354	57.00	55.44	4	1.64	3405.92	54.99	3350.93
	3/30/2004	900					3405.92	Dry	Dry
	6/7/2004	NR					3405.92	53.24	3352.68
	11/29/2004	NR					3405.92	56.03	3349.89
	3/24/2005	1447					3405.92	55.03	3350.89
	5/23/2005	1558					3405.92	53.20	3352.72
IW013	2/18/2004	1347	66.00	63.81	4	2.12	3406.62	56.27	3350.35
	3/30/2004	857					3406.62	56.34	3350.28
	6/7/2004	NR					3406.62	51.56	3355.06
	11/29/2004	NR					3406.62	57.36	3349.26
	3/24/2005	1046					3406.62	56.72	3349.9
	5/23/2005	1552					3406.62	56.81	3349.81
IW014	2/18/2004	1339	77.00	75.23	4	1.73	3405.48	54.55	3350.93
	3/30/2004	853					3405.48	54.59	3350.89
	6/7/2004	NR					3405.48		3405.48
	11/29/2004	NR					3405.48	55.88	3349.6
	3/24/2005	926					3405.48	55.54	3349.94
	5/23/2005	1542					3405.48	55.02	3350.46
IW015	2/18/2004	1532	54.00	51.04	4	1.92	3406.05	45.43	3360.62
	3/30/2004	45.45					3406.05	45.45	3360.6
	6/7/2004	NR					3406.05	45.91	3360.14
	11/29/2004	NR					3406.05	46.33	3359.72

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Table 2
Groundwater Elevations
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station ID	Collection Date	Collection Time	Drilled Depth (Feet BGL)	Measured Depth (Feet BTOC)	Well Diameter (Inches)	Measured Stickup (Feet)	Top of Casing Elevation (Feet AMSL)	Measured Depth to Water (Feet BTOC)	Groundwater Elevation (Feet AMSL)
	3/16/2005	1600					3406.05	44.97	3361.08
	5/23/2005	NR							
IW016	2/18/2004	1538	74.00	71.48	4	1.98	3408.29	48.16	3360.13
	3/30/2004	1026					3408.29	48.19	3360.1
	6/3/2004	NR					3408.29	49.11	3359.18
	11/29/2004	NR					3408.29	49.26	3359.03
	4/18/2005	1435					3408.29	48.50	3359.79
	5/23/2005	1639					3408.29	48.51	3359.78
IW028	3/16/2005	8:00	107.00		4	2.57	3428.18	48.70	3379.48
	5/23/2005	NR					3428.18	49.09	3379.09
	6/16/2005	10:30					3428.18	49.10	3379.08

Notes:

EP - Eunice Plant
GOP - Gulf Oil Corp.
WW - Water Well
MW - Monitoring Well
RW - Recovery Well
IW- Injection Well
No Suffix - Shallow/Middle Monitoring Well Completion (MW069)
A - Deep Monitoring Well Completion (MW070A)
M-Middle Monitoring Well Completion (MW008M)
SA-Shallow/Deep, Fully-Penetrating, Monitoring Well Completion (MW071SA)
* - Highlander calculated water levels using ground level elevation and TOC elevation to calculate stickups
(P) - Well was pumping during water collection
BTOC - Below Top of Casing
BGL - Below Gound Level
AMSL - Above Mean Sea Level
NR - Not Reported
SG - Specific Gravity

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Table 3
Groundwater Analytical Results
Organic Compounds (BTEX and TPH)
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico
(mg/L unless noted)

Station Name	Sample Collection Date	BTEX					TPH		
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Total BTEX	Total Petroleum Hydrocarbons DRO	Total Petroleum Hydrocarbons GRO	Total TPH
EPWW1	6/9/2005	ND	ND	ND	ND	ND	0.38	ND	0.38
MW001	1/12/2005	0.004	ND	0.047	ND	0.051	ND	0.22	0.22
MW001	5/26/2005	0.02	0.004	0.073	0.023	0.12	ND	0.44	0.44
MW002	1/4/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW002	6/6/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW003	1/6/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW004	6/6/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW005	6/30/2005	0.81	ND	0.07	ND	0.88	3.9	2.6	6.5
MW009	1/4/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW009	6/6/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW009A	1/11/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW018A	5/31/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW021	12/21/2004	ND	ND	ND	ND	ND	0.63	ND	0.63
MW021	5/27/2005	ND	ND	0.003	ND	0.003	0.4	ND	0.4
MW023	6/1/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW024	12/28/2004	ND	ND	ND	ND	ND	ND	ND	ND
MW024	6/2/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW024	7/18/2005	ND	ND	ND	ND	ND	ND	15	15
MW024A	7/18/2005	ND	ND	ND	ND	ND	ND	18	18
MW033	1/13/2005	0.49	1.6	0.47	0.53	3.09	0.37	10	10.37
MW033	5/25/2005	0.38	1.3	0.4	0.43	2.51	0.47	9.3	9.77
MW034	1/5/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW034	6/7/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW035	12/21/2004	ND	ND	ND	ND	ND	ND	ND	ND
MW035	5/25/2005	0.002	0.018	0.011	0.01	0.041	ND	0.19	0.19
MW036	1/12/2005	ND	ND	ND	ND	ND	1.5	0.42	1.92
MW036	5/31/2005	ND	ND	0.003	0.049	0.052	2.1	0.51	2.61
MW037	1/12/2005	1.8	ND	0.56	0.23	2.59	2.3	7	9.3
MW037	5/26/2005	1.9	ND	0.31	0.18	2.39	3.5	8	11.5
MW038	1/12/2005	0.005	ND	ND	ND	0.005	0.31	ND	0.31
MW038	5/31/2005	0.005	ND	ND	ND	0.005	0.3	ND	0.3
MW039A	1/6/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW043	12/28/2004	ND	ND	ND	ND	ND	0.79	0.062	0.852
MW043	5/27/2005	ND	ND	0.002	ND	0.002	0.43	0.058	0.488
MW044	1/5/2005	ND	ND	ND	ND	ND	0.72	ND	0.72

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Table 3
Groundwater Analytical Results
Organic Compounds (BTEX and TPH)
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico
(mg/L unless noted)

Station Name	Sample Collection Date	BTEX					TPH		
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Total BTEX	Total Petroleum Hydrocarbons DRO	Total Petroleum Hydrocarbons GRO	Total TPH
MW044	6/9/2005	ND	ND	ND	ND	ND	0.61	ND	0.61
MW045	5/27/2005	0.003	ND	0.004	ND	0.007	0.32	0.1	0.42
MW046	1/12/2005	ND	ND	ND	ND	ND	3.4	0.25	3.65
MW046	5/26/2005	0.005	0.003	0.009	0.027	0.044	2.7	0.4	3.1
MW046A	1/11/2005	ND	ND	ND	ND	ND	0.46	ND	0.46
MW046A	5/24/2005	0.003	ND	ND	ND	0.003	0.35	ND	0.35
MW047	6/6/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW048SA	6/7/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW049SA	1/6/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW049SA	6/6/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW051SA	1/11/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW057SA	6/1/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW058	1/3/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW058	6/8/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW071SA	1/6/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW074SA	12/7/2004	ND	ND	ND	ND	ND	Not sampled	ND	ND
MW074SA	5/31/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW076SA	6/1/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW077SA	12/8/2004	0.052	0.071	0.039	0.25	0.412	ND	ND	ND
MW077SA	6/1/2005	ND	ND	ND	ND	ND	ND	ND	ND
MW078SA	12/8/2004	0.05	0.084	0.069	0.22	0.423	ND	ND	ND
MW086SA	10/7/2004	ND	ND	ND	ND	ND	ND	ND	ND
MW087A	9/14/2004	ND	ND	ND	ND	ND	ND	ND	ND
MW088M	9/13/2004	ND	ND	ND	ND	ND	39	7	46

Notes:
EP - Eunice Plant
WW - Water Well
MW - Monitoring Well
No Suffix - Shallow/Middle Monitoring Well Completion (MW069)
A - Deep Monitoring Well Completion (MW070A)
M - Middle Monitoring Well Completion (MW008M)
SA - Shallow/Deep, Fully-Penetrating, Monitoring Well Completion (MW071SA)
DRO - Diesel Range Organics
GRO - Gasoline Range Organics

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
EPWW1	1/5/2005	NS	0.8	0.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EPWW1	6/9/2005	NS	NS	0.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GOPWW2	12/14/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GOPWW2	6/1/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
IW001	9/15/2004	<0.2	<0.1	<0.2	<0.05	1420	NS	2.9	2.8	224	NS	2830	NS	NS	203	NS	110	115	114
IW001	10/6/2004	<0.5	<0.005	0.06	<0.1	585	NS	1.8	1.41	91.6	NS	1200	NS	NS	88	NS	94	97	96
IW001	11/15/2004	<0.01	<0.1	<0.01	<0.01	159	NS	0.51	0.16	25.8	NS	388	NS	NS	55.2	NS	140	116	110
IW001	12/28/2004	0.1	<0.005	0.1	<0.1	1250	1250	3.7	4.5	232	221	2110	NS	63.5	163	150	130	164	NS
IW001	1/26/2005	<0.1	<0.05	<0.1	<0.1	679	NS	0.4	0.3	93	NS	805	NS	NS	80	NS	68	77.8	72.7
IW001	2/9/2005	<0.1	<0.05	<0.1	<0.1	82	NS	0.2	0.3	12	NS	85	NS	NS	<10	NS	36	50.4	73.6
IW001	3/10/2005	<0.1	<0.005	<0.1	<0.1	1130	NS	0.8	1	105	NS	717	NS	NS	75	NS	68	74.1	78.2
IW001	4/12/2005	<0.1	<0.05	<0.1	<0.1	1230	NS	1.4	1.3	108	NS	670	NS	NS	69	NS	100	98	92.8
IW001	5/12/2005	<0.1	<0.05	<0.1	<0.1	1550	NS	1.8	1.7	146	NS	960	NS	NS	143	NS	83	106	102
IW001	6/9/2005	0.07	<0.05	0.07	<0.05	1760	NS	0.98	0.96	134	NS	680	NS	NS	134	NS	18	93.8	96.1
IW001	7/7/2005	0.05	<0.05	0.06	<0.05	1160	NS	0.94	0.88	105	NS	677	NS	NS	116	NS	89	82.5	79.5
IW001	8/10/2005	0.06	<0.05	0.06	<0.05	1010	908	1.72	1.65	82.1	74	477	432	64.3	112	101	95	84.6	81.3
IW002	9/9/2004	<0.05	<0.05	<0.05	<0.01	68.6	NS	0.2	0.2	9.51	NS	129	NS	NS	9.6	NS	48	6	6.1
IW002	10/7/2004	<0.5	<0.1	<0.5	<0.1	1460	NS	1.7	1.6	227	NS	3530	NS	NS	223	NS	89	118	112
IW002	11/11/2004	<0.1	<1	<0.1	<0.1	966	NS	2.16	2.16	176	NS	2630	NS	NS	383	NS	95	101	98.7
IW002	12/29/2004	<0.1	<0.01	<0.1	<0.1	1490	1380	5.2	5	270	243	2490	2230	59.1	190	173	120	172	170
IW002	1/19/2005	0.04	<0.01	0.4	<0.01	547	542	0.32	3.1	76.4	75.9	694	687	44.4	70.5	69.9	65	82	81
IW002	1/27/2005	0.2	<0.1	0.1	<0.1	4340	NS	5.4	3.5	303	NS	1660	NS	NS	218	NS	26	64.9	43.6
IW002	2/10/2005	<0.1	<0.05	<0.1	<0.1	428	389	0.4	0.3	49	44	363	329	29.4	40	36	69	86.6	77.4
IW002	3/15/2005	<0.1	<0.1	<0.1	<0.1	39.6	NS	1.4	1.4	4.3	NS	28.2	NS	NS	3.4	NS	98	93.8	95
IW002	4/14/2005	<0.1	<0.05	<0.1	<0.1	979	NS	1	0.9	90	NS	514	NS	NS	61	NS	100	96.8	96.6
IW002	5/17/2005	1.1	<0.05	<0.1	<0.1	1710	NS	1.9	1.9	152	NS	732	NS	NS	69	NS	120	153	150
IW002	6/15/2005	0.07	<0.05	0.07	<0.1	1510	NS	1.17	1.11	103	NS	839	NS	NS	100	NS	94	<0.40	<0.40
IW002	7/12/2005	<0.05	<0.05	<0.05	<0.05	942	NS	0.53	0.53	91	NS	604	NS	NS	104	NS	83	90.9	90
IW002	8/10/2005	0.05	<0.05	<0.05	<0.05	691	633	1.33	1.23	63.9	59.4	374	344	66.8	86.8	82.3	96	85	80.6
IW003	10/11/2004	<0.5	<0.1	<0.5	<0.1	5860	NS	51.1	64.4	482	NS	2280	NS	NS	271	NS	200	149	187
IW003	1/6/2005	0.2	<0.1	0.2	<0.1	5000	NS	51	52.5	496	NS	1650	NS	NS	296	NS	120	149	147
IW003	1/27/2005	<0.1	<0.1	<0.1	<0.1	2250	NS	24	19.8	260	NS	917	NS	NS	164	NS	31	61.6	48.9
IW003	2/21/2005	0.2	<0.02	0.1	<0.1	4240	NS	33.9	25.8	357	NS	1120	NS	NS	180	NS	38	107	80.8
IW003	3/17/2005	0.2	<0.1	0.2	<0.1	4000	NS	54.9	43	376	NS	1030	NS	NS	175	NS	28	125	115
IW003	4/19/2005	0.2	<0.02	0.2	<0.1	3720	NS	37.5	37.5	360	NS	650	NS	NS	166	NS	75	91.9	91.7
IW003	6/1/2005	0.1	<0.05	0.09	<0.05	3060	NS	41.9	35.8	355	NS	759	NS	NS	193	NS	72	91.3	79
IW003	6/21/2005	0.07	<0.05	0.16	<0.05	3120	NS	40.3	37	448	NS	947	NS	NS	289	NS	49	104	74.3
IW003	7/21/2005	0.1	<0.05	0.1	<0.05	2090	NS	17.2	16.8	253	NS	840	NS	NS	221	NS	43	83.3	82.5
IW003	8/16/2005	0.12	<0.05	0.13	<0.05	2890	NS	28.2	24.8	305	NS	711	NS	NS	222	NS	43	79	72.1
IW004	10/11/2004	<0.5	<0.1	<0.5	<0.1	1470	NS	14.7	15.9	282	NS	1250	NS	NS	344	NS	120	66	74
IW004	1/6/2005	0.2	<0.1	0.2	<0.1	2630	NS	46.7	47.3	376	NS	992	NS	NS	249	NS	250	303	308
IW004	1/27/2005	<0.1	<0.1	<0.1	<0.1	798	NS	11	10.8	116	NS	356	NS	NS	87	NS	65	53.9	50.4
IW004	2/22/2005	0.1	<0.1	0.1	<0.1	2010	NS	22.9	22.4	266	NS	772	NS	NS	188	NS	56	99.4	97.7
IW004	3/21/2005	0.1	<0.05	<0.1	<0.1	1080	NS	43.9	24.8	183	NS	612	NS	NS	106	NS	79	133	88.8
IW004	4/19/2005	0.1	<0.02	0.1	<0.1	2100	NS	32.8	33	277	NS	660	NS	NS	174	NS	89	109	109
IW004	6/1/2005	0.09	<0.05	0.06	<0.05	2510	NS	38.7	18.2	321	NS	702	NS	NS	218	NS	120	112	66
IW004	6/21/2005	<0.05	<0.05	<0.05	<0.05	1150	NS	18.1	13.1	173	NS	590	NS	NS	161	NS	47	54.1	47.2
IW004	7/21/2005	0.1	<0.05	0.1	<0.05	3810	NS	24	22.6	330	NS	950	NS	NS	226	NS	75	71.2	67
IW004	8/16/2005	0.08	0.12	0.08	<0.05	1630	NS	17.6	16.5	200	NS	594	NS	NS	211	NS	51	69.2	67
IW005	10/11/2004	<0.5	<0.1	<0.5	<0.1	1840	NS	11.1	12.1	328	NS	1960	NS	NS	426	NS	170	170	148
IW005	12/1/2004	0.51	<0.005	0.52	<0.01	2320	NS	22.8	18.4	477	NS	1960	NS	NS	440	NS	290	226	196
IW005	1/6/2005	0.4	<0.1	0.4	<0.1	1840	NS	11.7	12.8	334	NS	1060	NS	NS	207	NS	140	163	170
IW005	1/27/2005	<0.1	<0.1	<0.1	<0.1	768	NS	2.1	1.4	121	NS	442	NS	NS	106	NS	88	34.2	24.4
IW005	2/22/2005	0.3	<0.1	0.3	<0.1	1660	NS	7.4	7.8	261	NS	825	NS	NS	137	NS	69	111	118
IW005	3/21/2005	0.1	<0.05	0.1	<0.1	2350	NS	6	4.5	328	NS	863	NS	NS	182	NS	60	60.5	66.4
IW005	4/20/2005	0.1	<0.05	0.1	<0.1	972	NS	6.1	5.3	166	NS	527	NS	NS	95	NS	62	64.1	68.7
IW005	6/1/2005	0.2	<0.05	0.18	<0.05	1430	NS	8.15	6.07	233	NS	579	NS	NS	141	NS	94	101	85.6
IW005	6/22/2005	0.09	<0.05	0.11	<0.05	905	NS	3.75	3.24	146	NS	553	NS	NS	132	NS	55	56.9	60
IW005	7/13/2005	0.3	<0.05	0.4	<0.1	1110	NS	3.9	5.7	216	NS	550	NS	NS	172	NS	68	95.3	129
IW005	8/16/2005	0.61	<0.05	0.73	<0.05	1900	NS	15.6	13.9	416	NS	702	NS	NS	207	NS	190	203	222

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
IW006	10/13/2004	<0.5	<0.005	<0.5	<0.1	3560	NS	26.5	22	535	NS	2710	NS	NS	481	NS	230	202	169
IW006	12/1/2004	0.41	0.008	0.36	<0.01	4720	NS	41.3	36.4	738	NS	3020	NS	NS	646	NS	300	313	272
IW006	1/10/2005	0.3	<0.1	0.3	<0.1	3110	2920	35.3	32.4	503	483	1370	1320	54.5	309	296	180	240	230
IW006	1/31/2005	0.2	<0.05	0.2	<0.1	2390	NS	30	22.4	395	NS	1230	NS	NS	267	NS	96	168	128
IW006	2/22/2005	0.3	<0.1	0.3	<0.1	2630	NS	24.4	21.5	406	NS	967	NS	NS	196	NS	56	173	155
IW006	3/22/2005	0.2	<0.005	0.2	<0.1	2690	NS	33.1	22.9	407	NS	901	NS	NS	207	NS	130	181	133
IW006	4/20/2005	0.2	<0.05	0.3	<0.1	2190	NS	22.7	21.5	387	NS	797	NS	NS	174	NS	110	137	142
IW006	5/31/2005	0.2	<0.05	7.8	<0.1	2400	NS	25.9	23.7	389	NS	752	NS	NS	196	NS	120	151	160
IW006	6/22/2005	0.16	<0.05	0.18	<0.05	1670	NS	17.6	16.4	278	NS	659	NS	NS	179	NS	85	104	106
IW006	7/13/2005	0.2	<0.05	0.2	<0.1	1770	NS	17.4	16.8	296	NS	846	NS	NS	200	NS	76	114	117
IW006	8/16/2005	0.18	0.17	0.23	<0.05	1670	NS	16	15.1	272	NS	657	NS	NS	204	NS	82	108	114
IW007	10/13/2004	<0.5	<0.005	<0.5	<0.1	3400	NS	11.2	11.1	452	NS	2900	NS	NS	438	NS	220	217	186
IW007	12/2/2004	0.2	<0.005	0.2	<0.1	3610	NS	15.8	16.8	562	NS	2190	NS	NS	438	NS	220	181	152
IW007	1/10/2005	0.1	<0.005	0.1	<0.1	1930	1940	7.6	7.4	297	302	1060	1050	63.1	188	187	110	137	141
IW007	1/31/2005	<0.1	<0.05	<0.1	<0.1	1680	NS	6.2	4.6	224	NS	815	NS	NS	153	NS	55	95.8	74
IW007	2/22/2005	0.1	<0.1	0.1	<0.1	2580	NS	11.9	11.3	352	NS	871	NS	NS	162	NS	100	160	154
IW007	3/22/2005	0.1	<0.005	<0.1	<0.1	2330	NS	11.1	9.1	321	NS	722	NS	NS	153	NS	97	138	122
IW007	4/20/2005	<0.1	<0.05	<0.1	<0.1	1820	NS	8.2	7.8	266	NS	612	NS	NS	130	NS	92	105	100
IW007	5/31/2005	<0.1	<0.05	0.3	<0.1	1930	NS	9.9	23.2	281	NS	608	NS	NS	155	NS	96	122	144
IW007	6/22/2005	0.07	<0.05	0.06	<0.05	1500	NS	5.95	5.26	215	NS	628	NS	NS	161	NS	74	84.2	74.6
IW007	7/13/2005	<0.1	<0.05	<0.1	<0.1	1400	NS	5.5	5.5	225	NS	744	NS	NS	172	NS	65	90.7	90.8
IW007	8/17/2005	0.11	<0.05	0.11	<0.05	1430	NS	5.97	6.3	201	NS	525	NS	NS	170	NS	86	92.7	10.9
IW008	10/13/2004	<0.5	<0.005	<0.5	<0.1	2330	NS	10.3	6.1	459	NS	2270	NS	NS	449	NS	220	221	135
IW008	12/2/2004	0.1	0.036	0.1	<0.1	1080	NS	10.5	10.8	246	NS	948	NS	NS	228	NS	190	134	127
IW008	1/11/2005	<0.1	<0.1	0.1	<0.1	1320	NS	7.5	7.4	297	NS	764	NS	NS	178	NS	91	106	105
IW008	2/2/2005	1.6	<0.05	1.2	<0.1	137	NS	11.8	5.6	27	NS	71	NS	NS	19	NS	61	227	110
IW008	2/23/2005	0.1	<0.1	0.1	<0.1	1250	NS	5.8	6	225	NS	563	NS	NS	120	NS	120	141	137
IW008	3/22/2005	0.1	<0.005	<0.1	<0.1	1080	NS	4.4	3.3	208	NS	563	NS	NS	133	NS	79	121	93.6
IW008	4/25/2005	0.11	<0.05	0.11	<0.01	897	NS	4.01	3.93	173	NS	378	NS	NS	101	NS	120	114	113
IW008	5/31/2005	<0.1	<0.01	<0.1	<0.1	829	NS	4	4.1	168	NS	390	NS	NS	121	NS	88	98.1	95.7
IW008	6/22/2005	0.06	<0.05	0.05	<0.05	655	NS	2.2	1.87	138	NS	372	NS	NS	125	NS	60	68.9	58.1
IW008	7/13/2005	<0.1	<0.05	<0.1	<0.1	912	NS	1.8	1.7	205	NS	698	NS	NS	179	NS	80	88.7	92.2
IW008	8/17/2005	0.21	<0.05	0.23	<0.05	1290	NS	8.59	9.52	314	NS	483	NS	NS	192	NS	180	162	168
IW009	10/14/2004	<0.5	<0.005	<0.5	<0.1	3700	NS	15.2	15.5	541	NS	2550	NS	NS	444	NS	260	236	238
IW009	12/6/2004	0.24	<0.05	0.18	<0.1	4500	3230	23.3	17.4	676	522	1950	1480	48.9	461	369	340	350	263
IW009	1/11/2005	0.2	<0.1	0.2	<0.1	3470	NS	13.1	12.7	481	NS	1250	NS	NS	280	NS	160	230	222
IW009	2/2/2005	0.11	<0.05	2.2	<0.01	375	NS	1.36	23.7	47	NS	142	NS	NS	28	NS	140	26	457
IW009	2/23/2005	0.1	<0.1	0.1	<0.1	2970	NS	9.4	10.2	334	NS	885	NS	NS	172	NS	140	205	196
IW009	3/23/2005	0.1	<0.005	0.1	<0.1	3270	NS	12.7	12.7	368	NS	864	NS	NS	174	NS	220	247	249
IW009	4/25/2005	0.12	<0.05	0.11	<0.01	2580	NS	9.66	8.94	317	NS	739	NS	NS	155	NS	170	181	162
IW009	5/31/2005	0.2	<0.05	0.2	<0.1	2680	NS	10.3	9.7	306	NS	711	NS	NS	161	NS	150	193	182
IW009	6/23/2005	0.09	<0.05	0.08	<0.05	2830	NS	8.12	7.79	294	NS	956	NS	NS	200	NS	110	150	145
IW009	7/13/2005	<0.1	<0.05	<0.1	<0.1	1940	NS	6.2	6.6	258	NS	888	NS	NS	195	NS	95	114	120
IW009	8/17/2005	0.09	<0.05	0.1	<0.05	1880	NS	7.9	8.04	261	NS	425	NS	NS	195	NS	89	105	101
IW010	10/14/2004	<0.5	<0.005	<0.5	<0.1	6590	NS	<0.5	<0.5	1130	NS	2220	NS	NS	561	NS	370	354	348
IW010	12/7/2004	0.79	<0.05	0.71	<0.05	12500	NS	236	224	2750	NS	2990	NS	NS	1210	NS	380	580	551
IW010	1/11/2005	0.4	<0.1	0.4	<0.1	4980	NS	134	133	1190	NS	850	NS	NS	469	NS	250	344	343
IW010	2/2/2005	2.1	<0.05	1.9	<0.1	435	NS	13.8	14.1	112	NS	<100	NS	NS	45	NS	260	639	655
IW010	2/24/2005	0.4	<0.1	0.3	<0.1	5150	NS	147	102	1290	NS	830	NS	NS	521	NS	NS	397	279
IW010	2/25/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	260	NS	NS
IW010	3/23/2005	0.4	<0.005	0.4	<0.1	3520	NS	<0.1	<0.1	1070	NS	571	NS	NS	463	NS	310	352	355
IW010	4/25/2005	0.44	<0.05	0.43	<0.01	3190	NS	125	125	982	NS	498	NS	NS	457	NS	370	359	359
IW010	5/31/2005	1.5	<0.05	0.5	<0.1	29100	NS	<0.1	101	1630	NS	1010	NS	NS	887	NS	280	622	306
IW010	6/23/2005	0.42	<0.05	0.37	<0.05	3890	NS	<0.05	<0.05	842	NS	650	NS	NS	416	NS	240	353	312
IW010	7/13/2005	0.4	<0.05	0.4	<0.1	3310	NS	81.4	84.5	724	NS	658	NS	NS	357	NS	340	355	368
IW010	8/17/2005	0.29	<0.05	0.28	<0.05	1780	NS	80.1	81	535	NS	284	NS	NS	372	NS	250	230	234
IW011	10/14/2004	<0.5	<0.005	<0.5	<0.1	1720	NS	4.7	5	201	NS	2640	NS	NS	428	NS	95	63	74
IW011	12/7/2004	0.26	<0.05	0.2	<0.05	9830	NS	41.8	32.9	694	NS	8330	NS	NS	1290	NS	220	403	333
IW011	1/12/2005	<0.1	<0.1	<0.1	<0.01	1830	NS	0.38	5	123	NS	1030	NS	NS	128	NS	95	97.8	89
IW011	2/2/2005	1.4	<0.05	1	<0.1	202	NS	13.5	6.6	16	NS	106	NS	NS	15	NS	34	147	95.2

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
IW011	2/24/2005	<0.1	<0.1	<0.1	<0.1	2980	NS	8.8	6.3	200	NS	1110	NS	NS	123	NS	68	104	75.5
IW011	3/23/2005	<0.1	<0.005	<0.1	<0.1	1920	NS	5.9	3.7	118	NS	661	NS	NS	88	NS	38	62.7	48.5
IW011	4/26/2005	<0.1	<0.05	<0.1	<0.1	2880	NS	8.2	7.5	177	NS	897	NS	NS	92	NS	84	97.3	93.5
IW011	5/26/2005	<0.1	<0.05	<0.1	<0.1	2990	NS	10.3	5	177	NS	985	NS	NS	173	NS	67	84.6	52.7
IW011	6/23/2005	<0.05	<0.05	<0.05	<0.05	1530	NS	3.11	2.85	92.1	NS	550	NS	NS	107	NS	26	39.1	37.9
IW011	7/14/2005	<0.1	<0.05	<0.1	<0.1	1820	NS	2.4	2.5	133	NS	854	NS	NS	196	NS	36	48.1	50.2
IW011	8/18/2005	0.05	<0.05	<0.05	<0.05	2130	NS	4.2	4.15	101	NS	516	NS	NS	118	NS	53	63.8	62.3
IW012	10/14/2004	<0.5	<0.005	<0.5	<0.1	1650	NS	4.6	3.6	163	NS	1970	NS	NS	288	NS	130	91	65
IW012	2/3/2005	0.2	<0.1	0.1	<0.1	365	NS	15	9.7	22	NS	157	NS	NS	19	NS	190	280	182
IW012	3/30/2005	<0.1	<0.05	<0.1	<0.1	4080	NS	3.6	3.4	173	NS	980	NS	NS	88	NS	NS	110	105
IW012	6/23/2005	0.05	<0.05	<0.05	<0.05	2670	NS	2.4	2.23	135	NS	912	NS	NS	133	NS	29	56.2	52.4
IW012	7/14/2005	<0.1	<0.05	<0.1	<0.1	2430	NS	2.6	2.6	131	NS	776	NS	NS	179	NS	44	65.7	68.6
IW012	8/18/2005	0.05	<0.05	0.05	<0.05	2090	NS	1.66	1.78	102	NS	586	NS	NS	155	NS	40	51	54.5
IW013	10/19/2004	0.75	<0.005	0.6	<0.01	4080	NS	19.5	15.1	692	NS	4580	NS	NS	441	NS	330	360	265
IW013	12/7/2004	1.29	<0.05	0.7	<0.05	9610	NS	44.6	25.2	1240	NS	7960	NS	NS	913	NS	330	<0.40	301
IW013	1/12/2005	0.7	<0.1	0.7	<0.1	2700	NS	18.5	17.9	482	NS	1940	NS	NS	263	NS	310	309	318
IW013	2/3/2005	1	<0.1	0.7	<0.1	197	NS	22	15.6	35	NS	151	NS	NS	24	NS	73	476	341
IW013	2/24/2005	0.6	<0.1	0.5	<0.1	2730	NS	13.5	10.9	411	NS	1540	NS	NS	210	NS	270	334	270
IW013	3/24/2005	0.5	<0.005	0.5	<0.1	208	NS	12	12.2	40.7	NS	122	NS	NS	17.2	NS	250	295	282
IW013	4/26/2005	0.7	<0.05	0.7	<0.1	2820	NS	12.7	12.3	443	NS	1190	NS	NS	153	NS	350	359	349
IW013	5/25/2005	0.04	<0.05	0.32	<0.01	232	NS	0.76	<0.01	28.5	NS	94	NS	NS	12.5	NS	180	21.1	<0.40
IW013	6/23/2005	0.42	<0.05	0.39	<0.05	2450	NS	8.25	7.76	345	NS	1070	NS	NS	172	NS	190	236	222
IW013	7/14/2005	0.5	<0.05	0.5	<0.1	2300	NS	6.2	6.5	346	NS	921	NS	NS	217	NS	260	254	264
IW013	8/23/2005	0.54	<0.05	0.52	<0.05	3030	NS	7.47	7.16	383	NS	1000	NS	NS	271	NS	260	324	309
IW014	10/19/2004	0.9	<0.005	0.9	<0.1	2150	NS	62.3	63.3	234	NS	2400	NS	NS	329	NS	160	1160	1190
IW014	12/7/2004	0.32	<0.05	0.2	<0.05	5840	3030	15.1	9.5	618	366	8350	4300	77.8	1110	639	310	<0.40	306
IW014	1/13/2005	<0.1	<0.1	0.02	<0.1	1770	NS	1.1	<0.01	192	NS	1260	NS	NS	150	NS	100	147	<0.40
IW014	2/3/2005	0.1	<0.1	0.1	<0.1	218	NS	3.3	3.5	175	NS	100	NS	NS	119	NS	29	105	106
IW014	2/24/2005	<0.1	<0.1	<0.1	<0.1	2970	NS	3.4	2.5	280	NS	1320	NS	NS	128	NS	29	78.4	57.7
IW014	3/24/2005	<0.1	<0.005	<0.1	<0.1	1980	NS	1.1	1.1	155	NS	648	NS	NS	74	NS	39	56.7	55.6
IW014	4/26/2005	<0.1	<0.05	<0.1	<0.1	2280	NS	1.1	1.1	187	NS	679	NS	NS	74	NS	81	83.3	83
IW014	5/25/2005	<0.01	<0.05	0.05	<0.01	285	NS	0.09	0.61	16.7	NS	54	NS	NS	8.3	NS	40	5.52	39.3
IW014	6/28/2005	0.08	<0.05	0.08	<0.05	3280	NS	1.54	1.46	188	NS	666	NS	NS	98.4	NS	73	96.4	92.3
IW014	7/14/2005	<0.1	<0.05	<0.1	<0.1	2600	NS	0.7	0.7	197	NS	745	NS	NS	210	NS	45	65.9	65.4
IW014	8/23/2005	0.14	<0.05	0.14	<0.05	4600	NS	1.49	1.15	339	NS	797	NS	NS	223	NS	110	158	118
IW015	10/11/2004	<0.5	<0.1	<0.5	<0.1	7160	NS	11.6	12.3	485	NS	4600	NS	NS	537	NS	160	121	129
IW015	1/5/2005	0.3	0.01	0.02	<0.1	6360	NS	7.1	0.33	415	NS	2450	NS	NS	311	NS	24	86.2	79.7
IW015	2/21/2005	0.3	<0.02	0.2	<0.1	4750	NS	8.4	5.6	266	NS	1140	NS	NS	141	NS	13	77.8	53.1
IW015	3/17/2005	0.2	<0.1	0.2	<0.1	4530	NS	3.8	3.8	235	NS	1260	NS	NS	140	NS	74	55.3	56.2
IW015	4/19/2005	0.2	<0.02	0.2	<0.1	4500	NS	3.4	3.3	237	NS	980	NS	NS	112	NS	34	48.8	46.9
IW015	6/1/2005	0.17	<0.05	0.12	<0.05	4660	NS	3.52	2.4	248	NS	863	NS	NS	145	NS	19	39.6	27.1
IW015	6/21/2005	0.24	<0.05	0.18	<0.05	3970	NS	8.26	5.44	263	NS	1060	NS	NS	166	NS	28	54.6	56
IW015	7/21/2005	0.21	<0.05	0.21	<0.05	6490	NS	3.62	3.66	299	NS	1110	NS	NS	153	NS	25	55	55.6
IW015	8/23/2005	0.27	<0.05	0.24	<0.05	7450	NS	11	8.85	343	NS	1030	NS	NS	212	NS	25	85.2	71.5
IW016	10/10/2004	<0.5	<0.1	<0.5	<0.1	3320	NS	4.1	4.7	293	NS	3690	NS	NS	521	NS	280	185	212
IW016	11/22/2004	0.2	<0.1	0.2	<0.1	6340	5370	14.7	11.5	466	426	4240	3210	52.8	655	527	290	287	214
IW016	1/4/2005	0.1	0.005	0.1	<0.1	4700	NS	7.6	7.6	248	NS	1560	NS	NS	230	NS	130	211	211
IW016	1/27/2005	0.2	<0.1	<0.1	<0.1	4430	NS	12	3.3	246	NS	1740	NS	NS	180	NS	120	213	89.5
IW016	2/16/2005	0.2	<0.005	0.1	<0.1	3930	NS	10	5.9	230	NS	1290	NS	NS	150	NS	72	261	152
IW016	3/15/2005	<0.1	<0.1	<0.1	<0.1	4870	NS	3.9	1.3	170	NS	880	NS	NS	95	NS	110	112	87.4
IW016	4/19/2005	0.2	<0.02	0.2	<0.1	4030	NS	13.7	14.5	186	NS	977	NS	NS	95	NS	210	200	212
IW016	6/1/2005	0.14	<0.05	0.08	<0.05	5530	NS	14	5.4	252	NS	1290	NS	NS	172	NS	98	205	106
IW016	6/21/2005	0.07	<0.05	0.07	<0.01	3690	NS	4.22	4.44	124	NS	1060	NS	NS	114	NS	86	75	92.5
IW016	7/20/2005	0.09	<0.05	0.09	<0.05	3530	NS	5.2	4.95	165	NS	807	NS	NS	178	NS	92	108	100
IW016	8/23/2005	0.13	<0.05	0.11	<0.05	4310	NS	7.59	5.38	188	NS	864	NS	NS	201	NS	120	141	NS
IW028	6/16/2005	0.49	0.88	0.54	<0.01	255	NS	0.02	0.04	87.5	NS	8.4	NS	NS	432	NS	< 1.0	<0.40	0.99
LordWW	12/29/2004	NS	0.15	0.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
LordWW	6/7/2005	NS	NS	0.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW001	1/12/2005	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW001	5/26/2005	NS	NS	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
MW001	8/24/2005	0.04	<0.005	0.04	<0.01	225	232	0.64	0.65	59.1	60.1	8.3	NS	29	370	381	< 1.0	0.76	0.59
MW002	1/4/2005	NS	0.025	0.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW002	6/6/2005	NS	NS	0.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW002A	1/4/2005	NS	0.029	0.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW002A	6/6/2005	NS	NS	0.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW003	1/6/2005	NS	0.02	0.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW003	6/3/2005	NS	NS	0.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW003	8/11/2005	0.41	0.85	0.56	<0.01	327	352	<0.01	<0.01	99	106	7.5	8	35	526	547	< 1.0	<0.40	<0.40
MW004	1/4/2005	NS	0.55	0.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW004	6/6/2005	NS	NS	0.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW004	8/11/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
MW004	8/15/2005	0.34	0.35	0.32	<0.01	300	290	0.04	0.04	115	114	11.1	10.5	31.7	1010	999	NS	<0.40	<0.40
MW004A	1/4/2005	NS	0.08	0.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW004A	6/6/2005	NS	NS	0.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW004A	8/11/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
MW004A	8/15/2005	<0.01	0.008	<0.01	0.02	29.1	30.6	<0.01	<0.01	15.8	16.6	4.6	5	24.9	104	109	NS	<0.40	<0.40
MW005	6/30/2005	NS	NS	0.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW005	8/25/2005	0.05	<0.005	<0.01	<0.01	542	440	2.01	1.86	182	159	30	23	18.5	745	669	2.3	5.85	1.43
MW007	1/4/2005	NS	0.021	0.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW007	6/3/2005	NS	NS	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW007	8/11/2005	0.01	0.017	0.01	<0.01	238	216	<0.01	<0.01	84	78	5.9	NS	35.7	489	455	< 1.0	<0.40	<0.40
MW007A	1/10/2005	NS	0.55	0.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW007A	6/3/2005	NS	NS	0.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW007A	8/10/2005	0.36	NS	0.36	<0.01	214	225	<0.01	<0.01	100	104	9.3	9.6	28.1	264	281	< 1.0	<0.40	<0.40
MW008	9/16/2004	3.92	1.3	4.44	<0.01	646	NS	<0.05	<0.05	145	NS	12.4	NS	NS	824	NS	< 1.0	<0.1	<0.1
MW008	10/4/2004	3.08	0.49	2.78	<0.01	605	NS	<0.05	<0.05	101	NS	10.9	NS	NS	703	NS	< 1.0	<0.1	<0.1
MW008	11/8/2004	3.04	1.4	3.43	<0.01	432	NS	<0.01	<0.01	92.7	NS	10.5	NS	NS	634	NS	< 1.0	<0.40	<0.40
MW008	12/16/2004	4.27	1.8	2.56	<0.01	549	500	<0.01	<0.01	147	125	<100	<100	37.4	826	763	< 1.0	<0.40	<0.40
MW008	1/13/2005	2.13	1.9	2.19	<0.01	449	430	0.02	0.02	91.7	87.8	12.2	11.7	37.1	669	620	< 1	<0.40	<0.40
MW008	2/8/2005	2.32	2	2.56	<0.01	541	486	0.06	0.05	136	120	11	14	45.1	758	696	< 1.0	<0.40	<0.40
MW008	3/8/2005	0.57	<0.005	0.28	<0.01	469	445	0.33	0.31	84.6	79.4	13.6	12.2	48.4	620	583	1.2	3.84	1.98
MW008	4/6/2005	0.42	<0.005	0.12	<0.01	549	482	0.94	0.85	84.3	79.7	57	10.2	25.7	743	670	14	13.4	13.4
MW008	5/11/2005	0.13	<0.005	0.12	<0.01	422	445	1.73	1.96	91	94	14	15	50.2	598	620	18	23.9	20.1
MW008	6/7/2005	0.09	<0.005	0.04	<0.01	458	458	4.02	5.31	96.2	97.7	9.9	9.8	42.2	697	696	21	20.4	25.8
MW008	7/6/2005	0.05	<0.01	0.04	<0.01	506	519	4.18	3.67	107	114	9.3	8.9	NS	841	727	19	16	25.9
MW008	8/2/2005	0.04	<0.005	0.02	<0.01	391	346	3.01	2.74	109	98	<10	<10	34.4	548	507	29	35.4	26.1
MW008A	9/16/2004	3.83	1.6	3.84	<0.01	617	NS	0.06	0.06	183	NS	14.6	NS	NS	736	NS	< 1.0	0.1	<0.1
MW008A	10/4/2004	3.75	1.3	3.75	<0.01	716	NS	0.07	0.06	166	NS	12.6	NS	NS	690	NS	1.9	0.1	<0.1
MW008A	11/8/2004	3.75	0.6	3.75	<0.01	2720	NS	0.09	0.09	187	NS	16	NS	NS	1420	NS	< 1.0	<0.40	<0.40
MW008A	12/16/2004	3.51	1.9	3.56	<0.01	589	617	0.13	0.13	167	210	15.8	<100	33.4	630	664	< 1.0	<0.40	<0.40
MW008A	1/6/2005	3.31	4.6	2.83	<0.01	617	641	0.22	0.18	175	178	17.2	16.9	31.4	640	564	1.7	0.61	<0.40
MW008A	2/7/2005	2.77	2.2	2.66	<0.01	634	575	0.59	0.6	229	165	23	15.9	27.4	742	677	< 1	<0.40	<0.40
MW008A	3/8/2005	1.95	1.4	1.73	<0.01	595	618	1.13	0.95	194	194	16.8	17.5	33	686	700	1.6	0.92	<0.40
MW008A	4/6/2005	1.49	<0.005	0.182	<0.01	550	492	1.91	1.79	186	172	18.5	14.9	10.6	664	635	5.2	3.66	3.23
MW008A	5/10/2005	0.42	<0.01	0.1	<0.01	495	554	2.21	2.25	174	174	14.2	13.6	29.3	635	716	2	2.13	<0.40
MW008A	6/7/2005	0.21	<0.05	0.09	<0.01	496	435	2.24	2.14	198	198	14.4	14	31	664	586	< 1.0	1.52	1.23
MW008A	7/6/2005	0.13	<0.01	0.11	<0.02	123	NS	1.75	1.71	83.3	82.4	4.2	4.5	7.9	200	199	4	22.3	<0.80
MW008A	8/2/2005	0.28	<0.01	0.11	<0.01	450	421	2.29	2.27	201	232	13.5	14	32.1	628	593	< 1.0	1.74	0.46
MW008M	9/16/2004	0.75	<0.005	0.19	<0.01	645	NS	<0.05	<0.05	220	NS	16.3	NS	NS	804	NS	< 1.0	2.4	1
MW008M	10/4/2004	0.59	0.005	0.18	<0.01	660	NS	<0.05	<0.05	212	NS	14.6	NS	NS	698	NS	2.2	7.3	1.8
MW008M	11/9/2004	0.5	<0.05	0.19	<0.01	800	NS	<0.01	<0.01	350	NS	18.6	NS	NS	950	NS	< 2.0	19.7	2.78
MW008M	12/16/2004	0.22	0.02	0.16	<0.01	756	708	<0.01	<0.01	336	313	<100	<100	34.3	888	825	< 1.0	11.5	2.94
MW008M	1/17/2005	0.17	<0.005	0.15	<0.01	841	767	<0.01	<0.01	389	357	14.9	15	30.5	953	878	7.6	24.2	19.5
MW008M	2/8/2005	0.13	<0.005	0.13	<0.01	729	667	<0.01	<0.01	376	344	15	15	33.8	907	828	< 1.0	26.7	22.8
MW008M	3/8/2005	0.14	0.06	0.12	0.01	669	680	3.57	3.66	334	331	15.6	15.8	32.5	928	944	11	19.6	13.2
MW008M	4/6/2005	0.13	<0.005	0.1	0.01	567	479	1.53	1.46	428	335	14.4	14.6	20.2	1050	815	5.1	11.5	9.59
MW008M	5/11/2005	0.1	<0.01	0.1	<0.01	475	483	1.56	1.71	320	330	17	13.7	26.3	774	803	< 1.0	8.69	<0.40
MW008M	6/7/2005	0.1	<0.01	0.09	<0.01	456	449	1.57	1.53	308	312	14.9	14.7	27.4	747	759	2.4	6.64	0.45
MW008M	7/6/2005	0.37	<0.01	0.1	<0.01	502	515	2.14	2.12	205	199	14.6	13.8	30.5	674	700	5.2	2.54	NS
MW008M	8/2/2005	0.11	<0.01	0.1	<0.01	496	498	1.61	1.65	330	333	14	15	30.8	790	796	< 1.0	6.6	<4.0

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
MW009	1/4/2005	NS	0.17	0.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW009	6/6/2005	NS	NS	0.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW009	8/16/2005	1.04	0.061	1.01	<0.01	281	258	<0.01	<0.01	127	122	11.3	11.2	26.3	431	396	< 1.0	<0.40	<0.40
MW009A	1/11/2005	NS	0.9	1.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW009A	6/6/2005	NS	NS	0.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW009A	8/16/2005	0.1	0.6	0.07	<0.01	161	133	<0.01	<0.01	48.4	41.8	5.8	5.8	34.7	357	322	< 1.0	<0.40	<0.40
MW010	1/3/2005	NS	0.04	0.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW010	6/6/2005	NS	NS	0.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW010	8/18/2005	0.15	0.16	0.13	<0.01	733	674	<0.01	<0.01	337	306	16.4	15.4	25.2	688	616	< 1.0	<0.40	<0.40
MW011	9/14/2004	NS	1.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011	9/15/2004	4.21	1.7	3.94	<0.01	627	NS	<0.05	<0.05	136	NS	13.5	NS	NS	836	NS	< 1.0	<0.1	<0.1
MW011	10/5/2004	3.88	1.8	3.98	<0.01	990	NS	<0.05	<0.05	135	NS	13.1	NS	NS	1320	NS	NS	<0.1	<0.1
MW011	10/6/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
MW011	11/11/2004	NS	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011	11/16/2004	3.87	2.9	4.1	<0.01	618	NS	0.01	NS	128	NS	11.6	NS	NS	761	NS	< 1	0.89	<0.20
MW011	12/20/2004	NS	4.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011	12/29/2004	3.86	2	3.77	<0.01	490	430	0.03	0.03	150	150	12.8	16.2	34.6	660	610	< 1.0	<0.40	<0.40
MW011	1/25/2005	3.14	2.6	3.44	<0.01	490	448	0.01	<0.01	171	157	<100	<100	32.4	769	704	< 1.0	<0.40	<0.40
MW011	2/8/2005	2.79	1.1	2.97	<0.01	544	515	0.01	0.01	183	175	18	17	38.4	761	736	< 1.0	<0.40	<0.40
MW011	3/9/2005	2.92	2.3	2.91	<0.01	652	515	0.01	0.01	175	135	17.7	11.3	27.5	815	618	< 1.0	<0.40	<0.40
MW011	4/12/2005	0.43	3	0.42	<0.01	1330	1310	<0.01	<0.01	578	575	14.1	14.5	23.7	826	822	< 1	4.13	1.2
MW011	5/12/2005	3.38	3.1	3.35	<0.01	639	636	0.03	0.03	195	191	16	18	40.8	622	607	< 1.0	<0.40	<0.40
MW011	6/8/2005	3.08	3.3	3.19	<0.01	676	697	0.03	0.03	167	171	12.3	12.9	32.4	655	662	< 1.0	<0.40	<0.40
MW011	7/11/2005	3.52	4.4	3.24	<0.01	818	899	0.04	0.03	175	172	14.2	13.8	35.2	792	609	< 1.0	<0.40	<0.40
MW011	8/4/2005	3.63	3.2	3.43	<0.01	730	711	0.03	0.03	173	206	14.1	14	46.2	736	708	< 1.0	<0.40	<0.40
MW011A	9/15/2004	2.45	1.3	2.13	<0.01	398	NS	<0.05	<0.05	115	NS	11.8	NS	NS	504	NS	< 1.0	<0.1	<0.1
MW011A	10/5/2004	NS	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011A	10/7/2004	1.67	1.4	1.69	<0.01	640	NS	<0.05	<0.05	99.4	NS	11	NS	NS	730	NS	<1.0	<0.1	<0.1
MW011A	11/11/2004	NS	<1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011A	11/16/2004	2.24	7.6	2.23	<0.01	427	NS	0.03	0.03	56.5	NS	6.21	NS	NS	504	NS	< 1	<0.20	<0.20
MW011A	12/20/2004	NS	3.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011A	12/29/2004	1.71	0.8	1.87	<0.01	430	324	0.02	0.02	80.9	67.9	<10.0	<10.0	NS	400	245	< 1.0	<0.40	<0.40
MW011A	1/19/2005	NS	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011A	1/25/2005	3.17	NS	3.22	<0.01	469	458	0.02	0.02	171	170	<100	<100	25.6	639	642	< 1.0	<0.40	<0.40
MW011A	2/8/2005	3.27	3.2	3.55	<0.01	564	559	0.03	0.03	192	193	20	17	33.5	693	702	< 1.0	<0.40	<0.40
MW011A	3/9/2005	4	3.4	4.04	<0.01	610	548	0.03	0.03	216	167	20	16.7	26.9	790	758	< 1.0	<0.40	<0.40
MW011A	4/11/2005	3.91	3	3.89	<0.01	588	665	0.03	0.03	165	162	16.2	16.1	28.1	730	834	< 1.0	<0.40	<0.40
MW011A	5/11/2005	3.64	4.8	3.83	<0.01	570	579	0.03	0.03	195	161	20	16.2	28.6	728	751	< 1.0	<0.40	<0.40
MW011A	6/8/2005	3.47	3.2	3.44	<0.01	628	590	0.03	0.03	176	170	16.6	16.9	27.7	827	786	< 1.0	<0.40	<0.40
MW011A	7/11/2005	3.59	4.1	3.55	<0.01	620	680	0.03	0.03	209	170	28	17.6	29.7	814	679	< 1.0	<0.40	<0.40
MW011A	8/4/2005	3.44	3.1	3.44	<0.01	558	512	0.04	0.05	174	176	18.1	16	33.3	725	666	< 1.0	<0.40	<0.40
MW011M	9/14/2004	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011M	9/15/2004	0.15	<0.02	0.09	0.01	835	NS	<0.05	<0.05	383	NS	12.3	NS	NS	850	NS	< 1.0	16.4	3.5
MW011M	10/5/2004	0.17	1	0.18	<0.01	1660	NS	<0.05	<0.05	731	NS	13.2	NS	NS	1480	NS	NS	17.2	17.7
MW011M	10/6/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.1	NS	NS
MW011M	11/11/2004	NS	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011M	11/16/2004	0.15	<0.005	0.11	0.04	840	NS	<0.01	<0.01	380	NS	11.7	NS	NS	840	NS	< 1	14.1	<0.20
MW011M	12/20/2004	NS	<0.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW011M	12/29/2004	0.2	<0.005	0.23	<0.01	1330	1200	<0.01	<0.01	570	510	16.4	13.4	34.9	1050	930	17	52.9	50.1
MW011M	1/25/2005	0.29	<0.005	0.27	<0.01	1060	1060	<0.01	<0.01	477	470	<100	12.8	29.4	870	856	1.1	2.62	<0.40
MW011M	2/9/2005	0.06	<0.005	0.02	<0.01	1280	1280	0.81	0.64	533	537	16	16	25.8	871	883	< 1.0	2.18	<0.40
MW011M	3/9/2005	0.42	<0.02	0.42	<0.01	1440	1300	34.4	23.8	604	543	14.6	14.5	30.4	923	833	< 5.0	2.22	0.75
MW011M	4/12/2005	3.28	<0.05	3.13	<0.01	2650	623	0.02	0.02	169	162	13.4	12.6	31.1	720	631	< 1	<0.40	<0.40
MW011M	5/12/2005	0.41	<0.05	0.43	<0.01	999	984	7.85	8.4	585	573	13	16	36.7	821	799	1.1	7.98	5.18
MW011M	6/8/2005	0.44	<0.05	0.39	<0.05	679	677	3.33	3	559	561	63.2	14.6	35.1	766	782	< 1.0	10.5	6.4
MW011M	7/11/2005	0.42	<0.05	<0.5	<0.05	660	312	2.81	1.3	640	306	16	5.5	18	890	420	< 1.0	15.5	<20
MW011M	8/8/2005	0.35	<0.05	0.39	<0.01	510	537	1.83	2.02	544	580	13.4	13.8	30.9	742	787	1.8	8.53	10.9
MW012	9/9/2004	3.08	1.3	2.35	0.01	416	NS	<0.05	<0.05	108	NS	16.9	NS	NS	467	NS	< 1.0	0.1	<0.1
MW012	10/6/2004	1.47	0.5	1.52	<0.01	3850	NS	<0.05	<0.05	88.1	NS	19.5	NS	NS	4640	NS	< 1.0	<0.1	<0.1
MW012	11/10/2004	1.42	0.018	1.57	<0.01	343	NS	<0.01	<0.01	86.5	NS	19.2	NS	NS	434	NS	< 1	<0.40	<0.40

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
MW012	12/28/2004	1.24	0.9	1.39	<0.01	401	298	<0.01	<0.01	81.4	70.8	18.6	16.2	35.6	504	352	< 1	<0.40	<0.40
MW012	1/18/2005	1.47	1.3	1.4	<0.01	393	337	<0.01	<0.01	87.5	89.8	17.7	19.3	35.5	505	410	< 1.0	<0.40	<0.40
MW012	2/9/2005	2.9	0.9	1.8	<0.01	440	415	<0.1	<0.1	130	115	25	17	43.4	522	469	< 1.0	<4.0	<4.0
MW012	3/10/2005	1.34	0.6	1.55	<0.01	428	414	0.01	<0.01	105	109	23	23	40.4	422	438	< 1	0.57	<0.40
MW012	4/13/2005	1.92	0.51	1.45	<0.01	370	368	<0.01	<0.01	86.1	88.5	17.1	17.7	32.5	382	379	< 1	<0.40	<0.40
MW012	5/17/2005	1.14	0.63	1.25	<0.01	392	371	<0.01	<0.01	82.8	81.7	19.3	19.6	30.9	394	378	< 1	<0.40	<0.40
MW012	6/9/2005	1.44	1.7	1.2	<0.01	398	423	<0.01	<0.01	94	91.2	19.6	20	33.4	407	430	< 1.0	<0.40	<0.40
MW012	7/11/2005	1.27	1.2	1.18	<0.01	392	344	<0.01	<0.01	90.8	85.5	20.2	19.4	31.5	392	321	< 1.0	<0.40	<0.40
MW012	8/8/2005	1.33	1.4	1.3	<0.01	394	377	<0.01	<0.01	106	101	19.3	19.5	42.9	376	356	< 1.0	<0.40	<0.40
MW012A	9/9/2004	<0.05	<0.005	<0.05	0.02	39	NS	<0.05	<0.05	17.5	NS	8.1	NS	NS	103	NS	< 1.0	2.4	<0.1
MW012A	10/6/2004	<0.05	<0.005	<0.05	0.02	38.4	NS	<0.05	<0.05	17.1	NS	7.5	NS	NS	109	NS	< 1.0	0.2	<0.1
MW012A	11/10/2004	<0.01	<0.05	<0.01	0.02	36.4	NS	<0.01	0.01	16.8	NS	<10.0	NS	NS	108	NS	< 1	<0.40	<0.40
MW012A	12/28/2004	<0.01	<0.005	<0.01	<0.01	41	37	<0.01	<0.01	19	18	<100	<100	19.5	122	NS	< 1	<0.40	<0.40
MW012A	1/18/2005	<0.01	<0.005	<0.01	0.02	39.7	36.4	<0.01	<0.01	17.8	17	<10.0	<10.0	22.2	112	108	< 1.0	<0.40	<0.40
MW012A	2/10/2005	<0.01	<0.005	<0.01	0.02	38.7	34.7	0.01	<0.01	17.2	15.8	8.5	7.7	16.7	109	102	< 1	<0.40	<0.40
MW012A	3/10/2005	<0.01	<0.005	<0.01	0.02	45	45	<0.01	<0.01	19	20	<10	<10	29.8	122	124	< 1	<0.40	<0.40
MW012A	4/13/2005	<0.01	<0.005	<0.01	0.02	38.2	34.5	0.03	<0.01	15.7	15.6	7.5	7.1	20.5	91	95.4	< 1.0	1.61	<0.40
MW012A	5/17/2005	<0.01	<0.005	<0.01	0.01	34.5	33.8	<0.01	<0.01	15.1	15.2	7.5	7.4	21.5	96.3	96.8	< 1	<0.40	<0.40
MW012A	6/14/2005	<0.01	<0.005	<0.01	0.01	38.2	38.7	<0.01	<0.01	17.2	17.6	8.2	8.5	22	111	113	< 1.0	<0.40	<0.40
MW012A	7/12/2005	<0.01	<0.005	<0.01	0.01	37.9	34.9	<0.01	<0.01	16.4	16.1	7.8	7.3	21.4	104	102	< 1	<0.40	<0.40
MW012A	8/8/2005	<0.01	<0.005	<0.01	0.02	35.4	35.3	<0.01	<0.01	16.2	15.8	7.6	7.5	23.4	101	99.5	< 1.0	<0.40	<0.40
MW012M	9/9/2004	<0.05	<0.005	<0.05	0.11	281	NS	<0.05	<0.05	166	NS	7.2	NS	NS	282	NS	< 1.0	0.1	<0.1
MW012M	10/6/2004	0.07	<0.005	<0.05	0.08	275	NS	2.37	1.8	158	NS	8.1	NS	NS	335	NS	< 1.0	0.3	0.4
MW012M	11/10/2004	0.04	<0.005	0.03	0.06	230	NS	2.82	2.2	164	NS	<10.0	NS	NS	297	NS	< 1	<0.40	<0.40
MW012M	12/28/2004	0.04	0.006	0.03	0.03	191	164	1.36	1	173	143	<100	<10.0	26.5	287	237	1.6	<0.40	<0.40
MW012M	1/18/2005	0.03	<0.005	0.03	0.04	169	247	1.01	0.91	153	150	<10.0	<10.0	25.6	245	240	< 1.0	<0.40	<0.40
MW012M	2/9/2005	0.02	<0.005	0.03	<0.01	202	198	0.65	0.75	167	166	<10	<10	25.4	251	256	< 1.0	5.33	<0.40
MW012M	3/10/2005	0.02	<0.005	0.02	0.05	205	203	0.61	0.57	158	157	<10	11	30.5	251	250	< 1	<0.40	<0.40
MW012M	4/13/2005	0.02	<0.005	0.02	0.03	188	176	0.61	0.56	115	119	7.3	7	21.9	180	189	< 1	<0.40	<0.40
MW012M	5/18/2005	0.02	<0.005	0.02	0.02	159	160	0.54	0.55	124	127	7.7	7.4	24.1	201	206	< 1.0	<0.40	<0.40
MW012M	6/14/2005	0.02	<0.005	0.01	0.02	174	172	0.67	0.53	140	141	8.4	8.3	20.2	223	227	< 1.0	<0.40	<0.40
MW012M	7/12/2005	0.03	<0.005	0.01	0.01	169	165	0.59	0.54	141	139	7.5	8	23.7	210	209	< 1	<0.40	<0.40
MW012M	8/9/2005	0.02	<0.005	0.02	<0.01	221	201	0.68	0.54	193	183	8.3	8.2	25.6	252	240	< 1	<0.40	NS
MW013	1/10/2005	NS	1	0.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW013	6/3/2005	NS	NS	0.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW013	8/18/2005	1.39	1.7	1.29	<0.01	497	449	0.02	<0.01	171	154	11.6	10.5	27.4	628	587	< 1.0	0.86	<0.40
MW013A	1/11/2005	NS	0.031	0.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW013A	6/3/2005	NS	NS	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW013A	8/23/2005	0.15	0.2	0.15	0.01	73.3	73.6	<0.01	<0.01	38.2	38.8	5.2	5.4	11.2	147	152	< 1	<0.40	<0.40
MW014	1/10/2005	NS	0.29	0.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW014	6/8/2005	NS	NS	0.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW014	8/22/2005	1.46	1.1	1.12	<0.01	407	481	0.01	0.02	111	102	10.5	9.5	37.5	503	591	< 1.0	<0.40	<0.40
MW014A	12/16/2004	NS	0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW014A	6/2/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW014A	8/23/2005	0.22	0.19	0.18	<0.01	156	159	<0.01	<0.01	99.3	84.6	8.4	7.6	22.7	200	173	< 1	<0.40	<0.40
MW015	1/4/2005	NS	0.01	0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW015	6/3/2005	NS	NS	0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW015A	12/20/2004	NS	0.006	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW015A	6/2/2005	NS	NS	0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW016A	12/16/2004	NS	0.012	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW016A	6/2/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW017A	1/4/2005	NS	0.01	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW017A	6/3/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW018	12/20/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW018	5/31/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW018A	12/16/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW018A	5/31/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW019A	12/20/2004	NS	<0.01	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW019A	5/31/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW020	1/3/2005	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
MW020	5/26/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW020A	1/3/2005	NS	0.019	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW020A	5/31/2005	NS	NS	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW021	12/21/2004	NS	<0.01	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW021	5/27/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW021A	12/21/2004	NS	0.022	0.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW021A	6/6/2005	NS	NS	0.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW022A	1/6/2005	NS	0.02	0.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW022A	6/3/2005	NS	NS	0.09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023	1/12/2005	NS	0.7	1.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023	6/1/2005	NS	NS	0.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023	8/10/2005	0.65	0.93	0.66	<0.01	457	425	<0.01	<0.01	189	177	12.6	12.3	32.5	773	721	< 1	<0.40	<0.40
MW023A	12/14/2004	NS	0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023A	6/2/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023A	8/10/2005	<0.01	<0.005	<0.01	0.02	38.6	34.9	<0.01	<0.01	18.9	19	4.7	4.6	24.7	103	104	< 1	<0.40	<0.40
MW024	12/28/2004	NS	0.016	0.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW024	6/2/2005	NS	NS	0.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW024	7/18/2005	NS	NS	0.07	NS	NS	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.40
MW024A	1/6/2005	NS	0.022	0.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW024A	7/18/2005	NS	NS	0.11	NS	NS	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.40
MW025	1/3/2005	NS	0.022	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW025	6/2/2005	NS	NS	0.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW025	8/16/2005	<0.01	0.006	0.01	<0.01	133	140	<0.01	<0.01	43.9	47.1	6.2	6.6	24.9	156	171	< 1.0	<0.40	<0.40
MW026	12/13/2004	NS	0.018	0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW026	6/3/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW027	12/20/2004	NS	0.007	0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW027	6/2/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW028	12/6/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW028	5/25/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW029	12/7/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW029	5/24/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW030	12/13/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW030	5/26/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW031	12/9/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW031	5/24/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW032	12/8/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW032	5/24/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW033	1/13/2005	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW033	5/25/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW034	1/5/2005	NS	0.11	0.14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW034	6/7/2005	NS	NS	0.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW035	12/21/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW035	5/25/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW036	1/12/2005	NS	<0.005	0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW036	5/31/2005	NS	NS	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW036	8/11/2005	<0.01	<0.005	<0.01	0.01	144	136	0.56	0.69	49.6	48	5.8	5.8	38	387	422	1.3	2.35	2.01
MW037	1/12/2005	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW037	5/26/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW037	8/25/2005	<0.01	<0.005	<0.01	0.05	56.6	57.4	0.35	0.48	43.1	46.6	14.1	13.8	21.7	425	472	10	11.1	7.33
MW038	1/12/2005	NS	<0.01	0.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW038	5/31/2005	NS	NS	0.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW038	8/18/2005	<0.01	<0.005	<0.01	0.01	97.5	102	0.21	0.23	52.2	54.4	2.7	3.1	24.9	192	192	5.8	6.42	6.36
MW039A	1/6/2005	NS	0.1	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW039A	6/8/2005	NS	NS	0.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW039A	8/25/2005	0.12	0.12	0.12	0.01	84.2	80.3	<0.01	<0.01	49.1	47.3	6.7	6	18.9	141	135	< 1.0	<0.40	<0.40
MW040A	12/15/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW040A	5/24/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW040A	8/18/2005	<0.01	<0.005	<0.01	0.02	32.6	31.1	<0.01	<0.01	19	18.1	4.1	4.1	23.4	98.3	93.4	< 1.0	<0.40	<0.40
MW041A	1/10/2005	NS	0.81	0.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW041A	6/7/2005	NS	NS	0.57	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
MW042A	12/9/2004	NS	0.053	0.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW042A	6/3/2005	NS	NS	0.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW043	12/28/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW043	5/27/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW044	1/5/2005	NS	0.67	0.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW044	6/9/2005	NS	NS	0.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW045	1/12/2005	NS	<0.005	0.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW045	5/27/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW046	1/12/2005	NS	<0.005	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW046	5/26/2005	NS	NS	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW046A	1/11/2005	NS	<0.005	0.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW046A	5/24/2005	NS	NS	0.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW047	1/5/2005	NS	0.17	0.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW047	6/6/2005	NS	NS	0.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW047	8/11/2005	0.18	0.21	0.19	<0.01	273	280	<0.01	<0.01	55.2	54.6	7	7.4	35.7	434	451	< 1.0	<0.40	<0.40
MW048SA	1/6/2005	NS	0.22	0.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW048SA	6/7/2005	NS	NS	0.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW049SA	1/6/2005	NS	0.065	0.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW049SA	6/6/2005	NS	NS	0.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW050SA	1/5/2005	NS	0.15	0.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW050SA	6/8/2005	NS	NS	0.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW051SA	1/11/2005	NS	0.56	0.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW051SA	6/7/2005	NS	NS	0.67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW052SA	1/11/2005	NS	<0.05	0.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW052SA	6/1/2005	NS	NS	0.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW053SA	1/11/2005	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW053SA	6/1/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW054SA	1/10/2005	NS	0.27	0.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW054SA	6/7/2005	NS	NS	0.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW055SA	1/6/2005	NS	0.22	0.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW055SA	6/7/2005	NS	NS	0.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW056SA	1/11/2005	NS	0.06	0.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW056SA	6/6/2005	NS	NS	0.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW057SA	12/15/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW057SA	6/1/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW058	1/3/2005	NS	0.17	0.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW058	6/8/2005	NS	NS	0.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW058	8/16/2005	1.39	1.1	1.36	<0.01	520	500	<0.01	<0.01	274	263	15.5	14.4	30.2	481	460	< 1.0	<0.40	<0.40
MW059	12/14/2004	NS	0.14	0.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW059	6/8/2005	NS	NS	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW060	1/4/2005	NS	0.01	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW060	6/30/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW060	8/16/2005	<0.01	<0.005	<0.01	<0.01	454	467	0.04	0.03	222	231	12.1	12.3	7.27	265	278	< 1.0	<0.40	<0.40
MW061	1/11/2005	NS	1.8	3.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW061	6/9/2005	NS	NS	3.86	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW062A	12/21/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW062A	5/25/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW063A	12/14/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW063A	5/24/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW064SA	10/20/2004	0.08	0.095	0.13	<0.01	333	NS	<0.05	<0.05	170	NS	9.9	NS	NS	588	NS	< 1.0	<0.1	<0.1
MW064SA	12/9/2004	0.08	0.092	0.13	<0.01	321	281	<0.1	<0.1	168	144	<100	<100	35.2	585	582	1.2	<4.0	<4.0
MW064SA	1/12/2005	0.17	0.2	0.17	<0.01	268	259	1.75	<0.01	120	113	<10.0	<10.0	30.2	558	531	< 1.0	<0.40	<0.40
MW064SA	2/2/2005	0.13	0.055	0.21	<0.01	305	282	0.08	<0.01	154	146	11.4	12	36.8	641	628	< 1.0	2.11	<0.40
MW064SA	3/1/2005	0.07	0.15	0.11	<0.01	312	292	0.03	<0.01	167	119	9.6	9.3	30.5	586	588	1.7	0.9	<0.40
MW064SA	3/24/2005	0.06	0.041	0.1	<0.01	365	246	0.04	<0.01	172	133	12	11	37.1	639	633	< 1	1.68	<0.40
MW064SA	4/27/2005	0.16	0.2	0.18	<0.01	361	336	0.07	<0.01	123	116	10.4	9.4	27.8	701	692	< 1	1.84	<0.40
MW064SA	5/24/2005	0.15	0.16	0.17	<0.01	418	287	0.04	<0.01	127	118	10.4	9.1	33	847	613	< 1.0	1.18	<0.40
MW064SA	6/28/2005	NS	NS	0.13	NS	NS	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.40
MW064SA	7/14/2005	0.6	0.24	0.13	<0.1	144	120	0.5	<0.01	73.4	62.5	6.5	4.93	40.9	301	267	< 1.0	1.75	<0.40
MW064SA	8/24/2005	0.14	0.15	0.14	<0.01	305	257	0.06	<0.01	133	121	11	9.5	15.8	650	570	< 1.0	0.99	<0.40

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
MW065SA	12/15/2004	NS	0.02	0.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW065SA	6/2/2005	0.03	0.043	0.03	<0.01	389	350	<0.01	<0.01	158	158	10.5	10.8	30.3	422	384	< 1.0	<0.40	<0.40
MW066SA	1/10/2005	NS	0.23	0.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW066SA	1/26/2005	NS	0.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW066SA	2/23/2005	NS	0.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW066SA	3/30/2005	NS	0.09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW066SA	4/25/2005	NS	0.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW066SA	5/25/2005	0.18	0.32	0.18	<0.01	568	449	<0.01	<0.01	196	187	11	10.9	30.1	526	409	1.8	<0.40	<0.40
MW066SA	6/30/2005	NS	0.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW066SA	7/18/2005	NS	0.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW067SA	12/16/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW067SA	6/1/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW068	12/9/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW068	5/24/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW069	12/9/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW069	5/26/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW070	12/9/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW070	5/24/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW070A	12/15/2004	NS	0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW070A	6/1/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	9/14/2004	NS	0.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	10/5/2004	NS	0.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	10/6/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
MW071SA	10/20/2004	NS	0.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	11/4/2004	NS	0.053	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	11/17/2004	NS	0.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	12/2/2004	NS	0.009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	1/6/2005	NS	0.011	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	2/7/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	3/7/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	4/14/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	5/10/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	6/2/2005	<0.01	<0.005	<0.01	<0.01	230	199	1.3	1.38	126	127	5.5	6.2	26.5	382	338	< 1.0	<0.40	<0.40
MW071SA	7/7/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW072SA	12/20/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW072SA	1/26/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW072SA	2/23/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW072SA	3/30/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW072SA	4/25/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW072SA	5/25/2005	<0.01	<0.005	<0.01	0.01	114	178	<0.01	<0.01	58.8	89	6.7	<10	47.9	319	386	< 1	<0.40	<0.40
MW072SA	6/30/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW072SA	7/18/2005	NS	<0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW073SA	12/16/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW073SA	5/31/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW074SA	12/7/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW074SA	5/31/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW075SA	12/7/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW075SA	6/1/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW076SA	12/7/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW076SA	6/1/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW077SA	12/8/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW077SA	6/1/2005	NS	NS	0.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW078SA	12/8/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW078SA	6/1/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW079SA	10/10/2004	0.1	<0.1	0.08	<0.01	826	NS	3.41	2.87	132	NS	357	NS	NS	227	NS	120	<0.1	<0.1
MW079SA	11/22/2004	0.016	<0.005	0.01	0.006	599	482	2.3	1.94	137	111	117	84	29.9	351	299	4	8.2	4.29
MW079SA	1/5/2005	<0.01	<0.005	0.01	<0.01	630	597	1.35	1.47	155	156	67.2	67.3	35.8	420	391	< 1.0	4.43	1.96
MW079SA	1/27/2005	0.02	<0.005	0.02	<0.01	550	540	0.96	0.98	126	124	49.5	47.4	25.2	370	370	6.9	9.28	6.91
MW079SA	2/16/2005	0.03	<0.02	0.02	<0.01	1010	809	1.42	1.14	230	206	160	152	49.9	490	446	37	49.5	20.7
MW079SA	3/15/2005	0.02	<0.005	0.01	<0.01	603	586	1.12	1.06	152	146	66	60	33.1	378	374	4.3	9.63	6.48

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
MW079SA	4/18/2005	0.02	<0.005	0.02	<0.01	659	614	1.35	1.36	145	136	120	115	33.5	375	342	10	10.2	10.5
MW079SA	6/2/2005	0.01	<0.05	0.01	<0.01	650	662	1.16	1.16	131	130	97	99	34.4	399	402	< 1.0	5.31	3.08
MW079SA	6/20/2005	0.01	<0.005	0.01	<0.01	650	635	0.97	0.99	128	130	100	91	32.7	421	423	< 1.0	4.69	1.44
MW079SA	7/20/2005	0.01	<0.005	0.01	<0.01	729	622	0.91	0.93	131	129	103	85	34.1	450	393	2.8	4.53	1.97
MW079SA	8/25/2005	0.01	<0.005	0.01	<0.01	482	494	0.85	0.88	127	130	84	88	25.6	334	344	3.5	4.97	1.03
MW080SA	10/11/2004	<0.05	<0.005	<0.05	<0.01	244	NS	<0.05	<0.05	115	NS	9.2	NS	NS	384	NS	< 1	<0.1	<0.1
MW080SA	11/23/2004	0.03	0.019	0.03	<0.01	297	277	<0.01	<0.01	108	110	<10.0	<10.0	30.9	448	420	< 1.0	<0.40	<0.40
MW080SA	1/5/2005	0.03	0.019	0.03	<0.01	220	274	<0.01	<0.01	107	105	<10.0	<10.0	30.7	330	389	< 1.0	<0.40	<0.40
MW080SA	1/27/2005	0.02	0.007	0.02	<0.01	276	246	0.01	<0.01	104	91.1	8.63	7.94	19.2	400	348	< 1.0	<0.40	<0.40
MW080SA	2/16/2005	0.02	<0.005	0.02	<0.01	282	269	0.01	0.01	141	135	9.6	<10	44.5	394	380	< 1.0	<0.40	<0.40
MW080SA	3/16/2005	0.02	<0.005	0.02	<0.01	221	215	0.02	0.01	115	113	9.1	9.4	32.6	328	322	< 1.0	<0.40	<0.40
MW080SA	4/18/2005	0.03	0.014	0.02	<0.01	210	231	<0.01	<0.01	103	99.9	9	8.6	30.3	304	329	< 1.00	<0.40	<0.40
MW080SA	6/2/2005	0.02	0.016	0.02	<0.01	251	246	<0.01	<0.01	129	108	11	9.2	34	363	360	< 1.0	<0.40	<0.40
MW080SA	6/20/2005	0.02	<0.005	0.01	<0.01	247	272	0.03	0.06	99.8	105	8.6	8.5	31.6	335	361	< 1.0	1.1	1.66
MW080SA	7/20/2005	0.02	<0.005	0.02	<0.01	202	255	<0.01	<0.01	106	106	8.9	9.1	34	313	376	< 1	<0.40	<0.40
MW080SA	8/25/2005	0.02	<0.005	0.01	<0.01	207	216	0.02	0.02	108	103	10	8.4	9.34	316	337	< 1.0	<4.0	<0.40
MW081SA	10/10/2004	<0.05	<0.005	<0.05	<0.01	412	NS	2.75	2.5	169	NS	16.8	NS	NS	507	NS	< 1.0	2.4	2.4
MW081SA	11/23/2004	0.04	<0.005	0.04	<0.01	688	583	<0.01	<0.01	193	186	19.8	19.3	28.6	544	451	< 1.0	0.81	0.42
MW081SA	1/5/2005	0.03	<0.005	0.02	<0.01	345	373	3.16	1.95	157	141	12.9	11.9	34.9	510	438	< 1.0	0.77	<0.40
MW081SA	1/13/2005	0.03	<0.005	0.03	<0.01	402	346	2.24	2.69	162	146	11.9	12.5	33.1	438	408	2.2	2.59	3.27
MW081SA	1/27/2005	0.02	<0.005	0.03	<0.01	411	281	1.96	0.01	136	107	11.9	8.79	30.1	498	404	< 1.0	0.4	<0.40
MW081SA	2/16/2005	0.03	<0.005	0.01	0.01	578	444	<0.01	2.87	241	197	26	19	33	512	479	< 1.0	0.9	0.78
MW081SA	3/16/2005	0.01	<0.005	<0.01	0.01	411	386	4.31	2.73	165	158	13.1	11	33.1	402	409	< 1.0	1.06	0.98
MW081SA	4/19/2005	0.01	<0.005	<0.01	0.01	433	361	4.64	2.41	147	138	11.1	9.7	30	458	433	1.9	0.65	0.74
MW081SA	6/2/2005	<0.01	<0.005	<0.01	<0.01	400	376	3.21	1.72	153	151	12.7	11.6	33.4	439	468	< 1.0	0.82	0.47
MW081SA	6/21/2005	<0.05	<0.005	<0.05	<0.05	377	376	14	13.3	150	158	11.1	11.3	33.2	482	476	< 1.0	0.93	0.44
MW081SA	7/20/2005	<0.01	<0.005	<0.01	<0.01	364	366	1.11	0.96	156	156	12.6	12.6	34.7	442	454	1.3	1.55	0.94
MW081SA	8/25/2005	0.01	<0.005	<0.01	<0.01	363	316	1.91	1.05	160	147	17	13.4	13.2	419	401	1.3	1.64	1.19
MW082SA	10/19/2004	1.8	<0.005	1.6	<0.1	1430	NS	94.4	54.4	326	NS	602	NS	NS	412	NS	140	1600	1250
MW082SA	12/8/2004	4	<0.005	0.2	<0.01	2130	2140	<0.1	<0.01	420	430	<1000	<1000	66	690	760	98	184	1800
MW082SA	1/12/2005	0.07	<0.02	0.07	<0.01	438	424	<0.01	1.66	129	128	<100	<100	32.9	807	738	20	15.7	16.3
MW082SA	2/2/2005	3.3	<0.05	2	<0.1	2930	2200	21	13.8	735	668	761	587	144	1740	1980	120	327	187
MW082SA	3/1/2005	0.2	<0.1	0.1	<0.1	1410	666	9.9	4	307	208	375	192	45.4	651	633	240	305	151
MW082SA	3/24/2005	0.2	<0.005	0.2	<0.1	540	529	3.5	3.4	206	201	172	168	47.4	629	616	230	220	215
MW082SA	4/27/2005	0.17	<0.05	0.13	<0.01	814	678	3.54	2.75	196	176	241	189	34.3	699	664	260	<0.40	<0.40
MW082SA	5/25/2005	0.02	<0.01	0.01	<0.01	132	70.1	0.66	0.29	26.1	20.6	28.9	12	4.33	58.3	59.8	410	38.7	15.8
MW082SA	6/28/2005	0.11	<0.05	0.09	<0.05	817	747	3.67	3.15	276	260	80.6	72.9	41.4	631	590	80	66.2	51.3
MW082SA	7/14/2005	0.09	<0.05	0.09	<0.01	973	936	2.89	2.93	224	227	123	118	39.8	774	757	90	<0.40	<0.40
MW082SA	8/25/2005	0.08	<0.05	0.08	<0.01	773	751	3.24	3.16	189	183	103	104	10.5	610	604	73	47	43.1
MW083SA	10/19/2004	3.3	<0.005	1.4	<0.1	1720	NS	255	105	537	NS	965	NS	NS	792	NS	180	2970	1260
MW083SA	12/8/2004	3.7	<0.005	0.2	<0.01	970	1020	176	<0.01	310	330	<1000	<1000	60	750	800	180	235	26.3
MW083SA	1/13/2005	0.04	<0.005	0.04	<0.01	504	434	1.98	1.89	190	160	153	127	36	927	769	5.9	26.2	25.5
MW083SA	2/2/2005	2.1	<0.05	1.7	<0.1	2210	2000	17.1	18.6	613	580	1700	1690	149	1520	1510	200	398	429
MW083SA	3/1/2005	0.2	<0.1	0.1	<0.1	1630	1120	17.6	10.5	315	264	510	528	61.5	643	648	190	198	192
MW083SA	3/24/2005	0.1	<0.005	0.1	1.3	609	623	6.2	5.9	206	209	225	226	55.9	683	688	120	132	132
MW083SA	4/27/2005	0.22	<0.1	0.2	<0.01	847	664	4.24	3.68	179	164	419	320	33.3	946	825	380	<0.40	<0.40
MW083SA	5/25/2005	0.03	<0.02	0.02	<0.01	55.7	52.4	0.5	0.4	19.1	18.2	25.5	22.4	4.98	61.1	60.7	330	33.5	27.3
MW083SA	6/28/2005	0.16	<0.05	0.16	<0.05	816	662	5.4	5	223	216	219	195	54	672	665	290	305	288
MW083SA	7/14/2005	0.13	<0.05	0.12	<0.01	788	710	3.6	3.29	193	183	258	219	43.9	844	802	220	<0.40	<0.40
MW083SA	8/24/2005	0.15	<0.05	0.13	<0.01	612	547	3.84	3.32	201	188	189	159	13.9	652	638	300	235	NS
MW084SA	10/20/2004	0.1	0.079	0.1	<0.01	550	NS	<0.05	<0.05	274	NS	14.7	NS	NS	930	NS	< 1.0	0.2	<0.1
MW084SA	12/9/2004	0.1	0.08	0.1	<0.01	561	505	0.01	<0.01	218	264	15.4	<100	34	918	871	2	<0.40	<4.0
MW084SA	1/13/2005	0.1	0.093	0.09	<0.01	522	487	0.02	<0.01	278	247	15.7	15.3	36.6	947	833	1.6	1.61	<0.40
MW084SA	2/3/2005	0.09	0.09	0.09	<0.01	429	NS	0.02	0.02	223	NS	16	NS	NS	804	NS	1.5	<0.40	0.78
MW084SA	3/2/2005	0.17	0.06	0.09	<0.01	437	431	0.01	<0.01	199	179	15.4	14.1	29.9	854	831	2	0.58	<0.40
MW084SA	3/24/2005	0.1	0.08	0.1	<0.01	521	496	0.04	<0.01	223	215	16.3	15.7	35.2	956	925	2.1	2.26	<0.40
MW084SA	4/27/2005	0.11	0.12	0.11	<0.01	602	613	<0.01	<0.01	215	226	15.8	16.5	30.6	1050	1040	< 1	0.6	<0.40
MW084SA	5/24/2005	0.1	0.11	0.1	<0.01	516	422	0.01	<0.01	213	178	15.7	13.9	31	875	781	< 1.0	0.59	<0.40
MW084SA	6/28/2005	0.09	0.24	0.09	<0.01	2020	492	<0.01	<0.01	986	245	59	14.1	35.8	3310	840	< 1.0	<0.40	<0.40
MW084SA	7/18/2005	0.11	0.14	0.1	<0.01	418	399	<0.01	<0.01	191	174	14.2	13.4	NS	743	729	NS	<0.40	<0.40

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
MW084SA	7/19/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
MW084SA	8/24/2005	0.12	0.15	0.13	<0.01	487	535	<0.01	<0.01	259	283	16.5	17.3	27.1	875	991	< 1.0	<0.40	<0.40
MW085SA	10/20/2004	<0.05	0.01	<0.05	<0.01	420	NS	<0.05	<0.05	208	NS	12.1	NS	NS	930	NS	< 1.0	0.1	<0.1
MW085SA	12/9/2004	0.09	0.099	0.14	<0.01	333	330	<0.01	<0.01	140	141	11.8	11.8	26.8	765	785	1.4	<0.40	<0.40
MW085SA	1/13/2005	0.07	<0.1	0.09	<0.01	339	315	<0.01	<0.01	144	146	12.2	11.8	30.9	787	782	1.2	0.44	<0.40
MW085SA	2/2/2005	0.1	0.006	0.08	<0.01	349	324	<0.01	<0.01	181	169	17	13	33.1	833	782	< 1.0	<0.40	<0.40
MW085SA	3/1/2005	0.01	0.017	0.01	<0.01	342	328	0.02	0.02	142	140	11.5	11.5	28.6	781	756	1.4	0.41	<0.40
MW085SA	3/24/2005	0.03	0.085	0.14	<0.01	390	313	0.04	0.02	170	144	12.8	11.9	34	907	812	< 1	<0.40	<0.40
MW085SA	4/27/2005	0.07	0.05	0.12	<0.01	333	370	0.04	0.05	142	125	11.5	10.1	28.1	768	853	< 1	<0.40	<0.40
MW085SA	5/24/2005	0.14	0.04	0.13	<0.01	402	343	0.03	0.03	137	141	11.3	12.2	35.4	919	816	< 1.0	<0.40	<0.40
MW085SA	6/20/2005	0.14	0.05	0.14	<0.01	340	348	0.02	0.03	136	137	11.2	11.1	32.9	773	786	< 1.0	<0.40	<0.40
MW085SA	7/18/2005	0.1	0.31	0.23	<0.01	330	326	0.03	0.06	133	125	10.9	10.1	32.6	764	751	NS	<0.40	<0.40
MW085SA	7/19/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.0	NS	NS
MW085SA	8/24/2005	0.03	0.022	0.02	<0.01	322	328	0.02	0.02	148	156	11.8	12.7	16.2	749	765	< 1.0	<0.40	<0.40
MW086SA	9/14/2004	<0.05	<0.005	<0.05	<0.01	491	NS	<0.05	<0.05	227	NS	14.4	NS	NS	848	NS	2.6	0.1	<0.1
MW086SA	1/13/2005	0.02	0.01	0.01	<0.01	460	467	<0.01	<0.01	194	192	13.8	13.3	28.7	887	857	< 1	<0.40	<0.40
MW086SA	6/2/2005	0.01	0.022	0.01	<0.01	383	459	<0.01	<0.01	171	177	12.8	13.3	31.7	709	852	< 1.0	<0.40	<0.40
MW087A	9/14/2004	4.23	1.8	4.29	<0.01	452	NS	<0.05	<0.05	172	NS	12.5	NS	NS	686	NS	2.3	0.2	<0.1
MW087A	10/5/2004	3.82	1.8	3.66	<0.01	400	NS	<0.05	<0.05	136	NS	10.7	NS	NS	520	NS	< 1.0	<0.1	<0.1
MW087A	11/9/2004	4.62	<2	5.06	<0.01	500	NS	0.01	<0.01	153	NS	15.3	NS	NS	710	NS	< 1.0	<0.40	0.42
MW087A	12/16/2004	4.78	2	4.63	<0.01	602	547	0.02	0.01	207	185	<100	<100	30.6	808	729	< 1.0	<0.40	<0.40
MW087A	1/13/2005	3.97	3.2	3.78	<0.01	525	543	0.42	0.39	156	158	17	16.7	26.9	690	753	< 1	<0.40	<0.40
MW087A	2/8/2005	2.23	1.2	1.75	<0.01	533	533	1.89	1.59	189	186	18	18	34.4	723	710	< 1.0	1	<0.40
MW087A	3/8/2005	2.03	0.47	1.07	<0.01	605	596	1.64	1.67	178	173	17.8	17	32.7	795	765	< 1.0	0.65	<0.40
MW087A	4/6/2005	1.99	<0.005	0.44	<0.01	511	523	1.55	1.35	152	158	15.1	18.2	25.2	792	760	< 1.0	0.67	<0.40
MW087A	5/11/2005	1.59	0.12	0.45	<0.01	516	477	1.41	1.38	195	180	20	19	34.3	749	691	< 1.0	<0.40	<0.40
MW087A	6/7/2005	1.56	0.13	0.69	<0.01	400	417	1.11	1.1	155	161	14.4	15.2	31.4	625	664	< 1.0	<0.40	<0.40
MW087A	7/6/2005	1.73	<0.02	0.33	0.01	449	495	1.11	1.14	155	158	14.5	15.3	39.4	707	785	< 1.0	0.94	<0.40
MW087A	8/2/2005	1.49	<0.02	0.37	<0.01	463	432	1.09	1.07	154	178	14.6	13	33.7	741	705	< 1.0	<0.40	<4.0
MW088M	9/13/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	120	NS	NS
MW088M	9/18/2004	0.53	<0.05	0.37	<0.01	1460	NS	<0.05	<0.05	293	NS	27.3	NS	NS	286	NS	NS	259	216
MW088M	10/7/2004	1.1	<0.1	1.2	<0.1	3010	NS	73.4	72.8	554	NS	79	NS	NS	542	NS	380	584	585
MW088M	11/10/2004	1	<1	0.05	<0.1	3430	NS	64.7	2.71	557	NS	152	NS	NS	581	NS	220	666	NS
MW088M	12/28/2004	0.9	<0.01	0.8	<0.1	3720	3280	62.4	63.8	590	540	<1000	<1000	44	580	560	400	695	724
MW088M	1/19/2005	0.76	<0.05	7.6	<0.01	4050	4060	<0.01	<0.1	461	459	278	281	39.5	450	452	830	942	900
MW088M	2/10/2005	1	<0.05	0.7	<0.1	1850	1630	62.3	53.2	263	236	189	168	23.3	258	247	700	856	747
MW088M	3/10/2005	0.9	<0.005	0.6	<0.1	3710	2390	47.5	34.5	490	369	407	280	45.3	497	478	600	681	482
MW088M	4/13/2005	0.7	<0.05	0.5	<0.1	2940	2190	49.5	33.6	397	331	418	291	39.9	378	409	900	742	464
MW088M	5/17/2005	4	<0.05	1.2	<0.1	2830	2410	38.2	31.9	392	353	424	348	44.7	433	441	480	626	497
MW088M	5/31/2005	0.6	<0.1	0.52	<0.01	719	681	5.07	4.82	129	125	58	49	33	504	502	45	44.2	36.7
MW088M	7/12/2005	0.7	<0.05	0.68	<0.05	405	379	43.2	45	41.6	44.2	68	72	48.8	43.9	46.7	730	<2.0	<2.0
MW088M	8/9/2005	0.6	<0.05	0.7	<0.1	2800	3470	33	37.6	352	391	467	610	46.5	415	419	570	<4.0	<4.0
RowlandWW	1/13/2005	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RowlandWW	6/7/2005	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW002	9/15/2004	NS	0.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW002	9/16/2004	3.09	1.3	3.02	<0.01	599	NS	0.16	0.2	150	NS	11.8	NS	NS	814	NS	< 1.0	<0.1	<0.1
RW002	10/6/2004	NS	1.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW002	10/7/2004	2.11	0.6	2.01	<0.01	1010	NS	0.81	0.8	152	NS	12.8	NS	NS	1150	NS	NS	1.4	1.4
RW002	11/17/2004	1.81	2	1.58	<0.01	740	NS	0.69	0.64	157	NS	12.4	NS	NS	730	NS	< 1.0	1.27	<0.40
RW002	12/20/2004	NS	1.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW002	12/29/2004	0.94	<0.02	0.92	<0.01	670	NS	0.7	NS	148	NS	14.7	NS	NS	820	NS	< 1.0	1.51	1.35
RW002	1/25/2005	0.19	<0.005	0.13	<0.01	597	589	0.88	0.85	168	165	<100	<100	37.6	556	547	2	3.69	3.6
RW002	2/9/2005	0.08	<0.005	0.3	<0.01	702	716	0.82	<0.01	170	174	12	15	34.5	602	615	< 1.0	1.96	<0.40
RW002	3/9/2005	0.08	<0.005	0.05	<0.01	664	678	0.96	0.93	135	131	11.6	11.1	32	675	682	< 1.0	3.13	3.14
RW002	4/12/2005	0.07	<0.01	0.06	<0.01	598	584	1.02	1.02	129	126	11.7	11.1	36.9	640	619	< 1	3.71	3.63
RW002	5/12/2005	0.06	<0.01	0.05	<0.01	597	577	1.27	1.27	132	130	12	11.5	50.4	727	681	4.2	5.47	5.11
RW002	6/8/2005	0.07	<0.01	0.06	<0.01	609	544	1.26	1.24	134	134	10.5	10.7	40.1	739	656	8.3	7.16	7.02
RW002	7/7/2005	0.09	<0.005	0.1	<0.01	595	589	1.44	1.77	141	148	11.1	11.7	42.9	744	733	8.9	7.66	9.38
RW002	8/8/2005	0.2	<0.01	0.19	<0.01	502	537	1.82	1.77	164	174	10.9	10.7	38.6	617	656	7.5	6.07	3.17
RW003	9/9/2004	1.02	0.47	0.85	<0.01	468	NS	0.06	0.06	90.7	NS	10.6	NS	NS	423	NS	< 1.0	<0.1	<0.1

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Table 4
Groundwater Analytical Results
Metals
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Chromium (Total)	Hexavalent Chromium, Dissolved	Chromium, Dissolved	Arsenic	Calcium	Calcium, Dissolved	Manganese	Manganese, Dissolved	Magnesium	Magnesium, Dissolved	Potassium	Potassium, Dissolved	Silicon, Dissolved	Sodium	Sodium, Dissolved	Ferrous Iron	Iron	Iron, Dissolved
RW003	10/7/2004	0.27	0.23	0.28	<0.01	400	NS	<0.05	0.05	89.7	NS	9.5	NS	NS	350	NS	<1	<0.1	<0.1
RW003	11/10/2004	0.27	<0.05	0.21	<0.01	422	NS	0.67	0.44	104	NS	13	NS	NS	437	NS	< 1	<0.40	<0.40
RW003	12/28/2004	0.14	<0.005	0.08	<0.01	376	364	0.74	0.91	110	109	<100	<100	50.2	362	369	< 1	0.8	0.96
RW003	1/18/2005	0.14	<0.005	0.1	<0.01	590	462	1.9	1.83	167	133	10.5	11	41.6	531	413	3.2	4.2	4.23
RW003	2/10/2005	0.06	<0.005	0.06	<0.01	535	496	<0.01	<0.01	180	130	15	10.8	32.4	478	448	14	11.7	10
RW003	3/10/2005	0.07	<0.005	0.07	<0.01	513	496	6.82	5.04	171	154	<10	12	37.8	395	382	28	24.7	15.4
RW003	4/13/2005	0.04	<0.005	0.04	<0.01	414	426	3.94	4.02	117	117	8.8	8.5	36.7	314	325	5.3	11.3	0.82
RW003	5/18/2005	0.03	0.02	0.03	<0.01	430	418	4.01	3.97	122	117	7.7	7.4	34.9	311	309	< 1.0	12	1.18
RW003	6/14/2005	0.03	<0.005	0.02	<0.01	438	437	4.28	4.16	128	132	8	8.2	34.9	339	332	< 1.0	14.2	1
RW003	7/12/2005	0.02	<0.005	0.02	<0.01	408	416	3.71	3.66	120	123	7.1	7.7	34.8	308	316	NS	12.6	2.02
RW003	7/19/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	31	NS	NS
RW003	8/10/2005	0.03	NS	0.02	<0.01	453	417	3.16	3.03	161	151	7.3	7.3	38.1	347	320	16	23.5	9.93
RW004A	9/16/2004	<0.2	<0.1	<0.2	<0.05	1580	NS	5.2	5	183	NS	2230	NS	NS	168	NS	200	166	166
RW004A	10/5/2004	<0.05	0.2	0.08	<0.01	1510	NS	0.6	4.38	262	NS	3420	NS	NS	260	NS	54	80	54.7
RW004A	11/9/2004	0.1	<0.1	<0.1	<0.1	64.6	NS	9.2	8.6	11.9	NS	163	NS	NS	25.4	NS	80	82.1	78.1
RW004A	11/15/2004	NS	1.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW004A	12/20/2004	<0.1	<0.005	<0.1	<0.1	1530	1240	11.3	9.3	276	221	2340	1860	39	197	158	62	76.8	81.1
RW004A	1/18/2005	<0.1	<0.005	<0.1	<0.1	722	NS	14.9	12.5	70.2	NS	808	NS	NS	70	NS	28	78.5	65.1
RW004A	2/14/2005	<0.1	<0.05	<0.1	<0.1	749	NS	8.5	6.5	90	NS	760	NS	NS	101	NS	42	54.4	46.9
RW004A	3/8/2005	<0.01	0.006	<0.1	<0.01	51.5	NS	0.52	5.6	7.3	NS	48.2	NS	NS	6.9	NS	28	2.91	30.6
RW004A	4/11/2005	<0.1	<0.05	<0.1	<0.1	916	NS	10	10.3	121	NS	911	NS	NS	126	NS	69	66.1	68.3
RW004A	5/12/2005	<0.1	<0.05	<0.1	<0.1	742	NS	4.9	4.5	122	NS	976	NS	NS	164	NS	36	46.7	43.2
RW004A	6/8/2005	0.06	<0.05	0.06	<0.05	715	NS	5.68	5.24	89	NS	622	NS	NS	134	NS	40	49.3	48.1
RW004A	7/7/2005	0.05	<0.05	0.05	<0.05	726	NS	7.7	7.6	89.8	NS	674	NS	NS	125	NS	49	51.8	51.5
RW004A	8/4/2005	<0.05	<0.05	<0.05	<0.05	514	NS	5.81	6.65	53.3	NS	360	NS	NS	106	NS	34	42.7	47.1
WoodellWW	12/21/2004	NS	<0.005	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WoodellWW	5/25/2005	NS	NS	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
NS - Not Sampled
EP - Eunice Plant
GOP - Gulf Oil Corp.
WW - Water Well
MW - Monitoring Well
RW - Recovery Well
IW - Injection Well
No Suffix - Shallow/Middle Monitoring Well Completion (MW069)
A - Deep Monitoring Well Completion (MW070A)
M - Middle Monitoring Well Completion (MW008M)
SA - Shallow/Deep, Fully-Penetrating, Monitoring Well Completion (MW071SA)
<0.05 concentration reported at less than laboratory quantitation limit, the numeral (0.05) indicates the lowest-quantitation limit available.

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Table 5
Groundwater Analytical Results
Inorganics (Nonmetals), Total Organic Carbon (TOC), and Gases
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
EPWW1	1/5/2005	NS	NS	NS	NS	850	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EPWW1	6/9/2005	NS	NS	NS	NS	890	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GOPWW2	12/14/2004	NS	NS	NS	NS	810	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
GOPWW2	6/1/2005	NS	NS	NS	NS	930	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
IW001	9/15/2004	<5.0	<5.0	<20	<5.0	1320	NS	<2	NS	900	<1	NS	23000	800	1.4	1.4	< 0.25
IW001	10/6/2004	1940	1940	NS	<5.0	880	NS	<2	NS	600	3	NS	21000	580	0.61	11	0.2
IW001	11/15/2004	<5.0	<5.0	NS	<5.0	1030	1.6	<2	<2	700	<1	20600	28000	1400	5.3	2.4	< 0.25
IW001	12/28/2004	297	297	NS	<5.0	1070	NS	<2	NS	600	<1	NS	20	1000	1.6	5.9	< 0.25
IW001	1/26/2005	<5.0	<5.0	NS	<5.0	350	NS	<2	NS	300	<1	NS	27000	1200	0.98	0.65	< 0.25
IW001	2/9/2005	<5.0	<5.0	NS	<5.0	400	NS	<2	NS	300	<1	NS	21000	1200	9.7	1.1	< 0.25
IW001	3/10/2005	<5.0	<5.0	NS	<5.0	270	NS	NS	<0.2	200	1	NS	10000	980	3.6	2.5	< 0.25
IW001	4/12/2005	<5.0	<5.0	NS	<5.0	250	NS	<2	NS	200	<1	NS	24000	1000	3.9	1.1	< 0.250
IW001	5/12/2005	<5.0	<5.0	NS	<5.0	510	NS	NS	<2	300	<0.05	NS	42000	1100	4.1	3.4	< 0.500
IW001	6/9/2005	<5.0	<5.0	NS	<5.0	390	NS	NS	NS	400	<1	NS	26000	860	5.8	4.6	< 0.500
IW001	7/7/2005	<5.0	<5.0	NS	<5.0	340	NS	NS	NS	300	<1	NS	17000	1000	3.3	2.8	< 0.500
IW001	8/10/2005	<5.0	<5.0	NS	<5.0	250	1.3	42	<2	50	<1	17600	21000	1100	3.7	3.2	< 0.500
IW002	9/9/2004	309	309	NS	<5.0	640	NS	<2	NS	400	1	NS	6000	1100	9	2.4	<0.25
IW002	10/7/2004	<5.0	<5.0	NS	<5.0	1640	NS	<2	NS	900	4	NS	29000	1100	3	2.7	<0.25
IW002	11/11/2004	<5.0	<5.0	<20	<5.0	246	1.9	5	5	780	<1	24400	21000	990	1.4	0.56	< 0.25
IW002	12/29/2004	<5.0	<5.0	NS	<5.0	1160	NS	<2	NS	600	<1	NS	18	1000	1	0.71	< 0.25
IW002	1/19/2005	<5.0	<5.0	NS	<5.0	380	NS	<2	NS	300	<1	NS	15000	670	5.4	8.9	< 0.25
IW002	1/27/2005	3020	3020	NS	<5.0	490	NS	<2	NS	500	<1	NS	29000	660	12	2.7	< 0.25
IW002	2/10/2005	<5.0	<5.0	NS	<5.0	280	1.2	<2	0.5	300	<1	3160	21	1300	5.7	5.4	0.68
IW002	3/15/2005	<5.0	<5.0	NS	<5.0	210	NS	<2	NS	120	<1	NS	16000	1100	4.7	2.5	< 0.25
IW002	4/14/2005	<5.0	<5.0	NS	<5.0	200	NS	<2	NS	200	<0.05	NS	20	1200	4	1.6	< 0.250
IW002	5/17/2005	<5.0	<5.0	NS	<5.0	390	NS	<2	NS	120	<1	NS	38000	1100	6.7	3.3	< 0.500
IW002	6/15/2005	<5.0	<5.0	NS	<5.0	490	NS	NS	NS	400	<1	NS	41000	600	4.9	6.7	< 0.500
IW002	7/12/2005	<5.0	<5.0	NS	<5.0	280	NS	NS	NS	300	1	NS	18000	990	4.9	2.3	< 0.500
IW002	8/10/2005	<5.0	<5.0	NS	<5.0	180	2.1	80	3	300	<1	10700	13000	1300	5.5	0.83	< 0.500
IW003	10/11/2004	4800	4800	NS	<5.0	1600	NS	<2	NS	1200	2	NS	27000	990	13	6	0.8
IW003	1/6/2005	4320	4320	NS	<5.0	640	NS	<0.4	NS	500	1	NS	32000	160	13	15	0.31
IW003	1/27/2005	2220	2220	NS	<5.0	500	NS	<2	NS	400	<1	NS	31000	850	27	2.2	< 0.25
IW003	2/21/2005	2810	2810	NS	<5.0	660	NS	<2	NS	600	<1	NS	48000	570	140	4.2	< 0.25
IW003	3/17/2005	2050	2050	NS	<5.0	550	NS	<2	NS	350	<1	NS	23000	860	160	3	< 0.25
IW003	4/19/2005	3800	3800	NS	<5.0	560	NS	<2	NS	300	<0.05	NS	31000	520	210	13	1.7
IW003	6/1/2005	3030	3030	NS	<5.0	460	NS	NS	NS	300	<1	NS	30000	650	400	5	< 0.500
IW003	6/21/2005	1890	1890	NS	<5.0	650	NS	NS	NS	400	<1	NS	43000	410	200	9.6	< 0.500
IW003	7/21/2005	<5.0	<5.0	NS	<5.0	600	NS	NS	NS	400	1	NS	55000	720	360	2.1	< 0.500
IW003	8/16/2005	1730	1730	NS	<5.0	560	NS	NS	NS	400	<1	NS	47000	850	350	1.9	< 0.500
IW004	10/11/2004	<5.0	<5.0	NS	<5.0	1150	NS	6	NS	800	2	NS	21000	990	0.94	3.9	< 0.25
IW004	1/6/2005	<5.0	<5.0	NS	<5.0	550	NS	<0.2	NS	400	2	NS	28000	760	45	3.9	< 0.25
IW004	1/27/2005	<5.0	<5.0	NS	<5.0	310	NS	<2	NS	300	1	NS	35000	810	19	4.1	0.38
IW004	2/22/2005	<5.0	<5.0	NS	<5.0	660	NS	<2	NS	500	5	NS	42000	400	160	6.8	0.3
IW004	3/21/2005	<5.0	<5.0	NS	<5.0	350	NS	<2	NS	200	<1	NS	33000	900	29	4	< 0.25
IW004	4/19/2005	<5.0	<5.0	NS	<5.0	590	NS	<2	NS	400	0.27	NS	20000	690	460	12	2.2
IW004	6/1/2005	<5.0	<5.0	NS	<5.0	470	NS	NS	NS	300	0.2	NS	25000	810	74	1.8	< 0.500
IW004	6/21/2005	<5.0	<5.0	NS	<5.0	510	NS	NS	NS	400	2	NS	29000	500	140	9.4	< 0.500
IW004	7/21/2005	2890	2890	NS	<5.0	730	NS	NS	NS	400	1	NS	51000	700	130	4.5	< 0.500
IW004	8/16/2005	<5.0	<5.0	NS	<5.0	530	NS	NS	NS	400	<1	NS	56000	890	290	3.8	< 0.500
IW005	10/11/2004	<5.0	<5.0	<20	<5.0	1340	NS	2	NS	900	1	NS	31000	800	160	5	0.29
IW005	12/1/2004	<5.0	<5.0	NS	<5.0	1160	6	<2	<2	800	<1	25000	25000	730	460	2.4	< 0.25
IW005	1/6/2005	<5.0	<5.0	NS	<5.0	490	NS	<2	NS	400	<1	NS	32000	590	340	5.4	0.26
IW005	1/27/2005	<5.0	<5.0	NS	<5.0	190	NS	<2	NS	200	<1	NS	22000	770	340	4	< 0.25
IW005	2/22/2005	<5.0	<5.0	NS	<5.0	430	NS	<2	NS	400	<1	NS	38000	520	400	13	1.8
IW005	3/21/2005	<5.0	<5.0	NS	<5.0	270	NS	<2	NS	200	<1	NS	32000	860	560	5	< 0.25
IW005	4/20/2005	<5.0	<5.0	NS	<5.0	270	NS	<2	NS	200	<1	NS	26000	900	950	3	< 0.250
IW005	6/1/2005	<5.0	<5.0	NS	<5.0	330	NS	NS	NS	300	<1	NS	27000	600	950	4.5	< 0.500
IW005	6/22/2005	<5.0	<5.0	NS	<5.0	370	NS	NS	NS	300	<1	NS	29000	630	580	4.6	< 0.500
IW005	7/13/2005	<5.0	<5.0	NS	<5.0	430	NS	NS	NS	400	1	NS	45000	300	190	12	1.3
IW005	8/16/2005	<5.0	<5.0	NS	<5.0	520	NS	NS	NS	400	<1	NS	34000	740	1400	6.4	0.55
IW006	10/13/2004	<5.0	<5.0	<20	<5.0	1620	NS	10	NS	1100	2	NS	37000	830	3.4	3.7	< 0.25
IW006	12/1/2004	1480	1480	NS	<5.0	1740	4	6	6	1000	<1	41500	40000	740	270	3.4	< 0.25
IW006	1/10/2005	<5.0	<5.0	NS	<5.0	880	NS	4	NS	600	<1	NS	30000	960	280	2.3	< 0.25
IW006	1/31/2005	<5.0	<5.0	NS	<5.0	470	NS	<2	NS	400	<1	NS	37000	870	50	5	< 0.25
IW006	2/22/2005	<5.0	<5.0	NS	<5.0	650	NS	<2	NS	500	1	NS	25000	350	10	20	2.8

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Table 5
Groundwater Analytical Results
Inorganics (Nonmetals), Total Organic Carbon (TOC), and Gases
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
IW006	3/22/2005	<5.0	<5.0	NS	<5.0	470	NS	<2	NS	300	<1	NS	24000	1000	19	5	< 0.25
IW006	4/20/2005	<5.0	<5.0	NS	<5.0	520	NS	<2	NS	200	1	NS	28000	960	9.5	4.2	< 0.250
IW006	5/31/2005	<5.0	<5.0	NS	<5.0	590	NS	NS	NS	400	<1	NS	36000	840	18	3.8	< 0.500
IW006	6/22/2005	<5.0	<5.0	NS	<5.0	510	NS	NS	NS	300	<1	NS	38000	660	20	5	< 0.500
IW006	7/13/2005	<5.0	<5.0	NS	<5.0	590	NS	NS	NS	400	1	NS	42000	760	42	3.2	< 0.500
IW006	8/16/2005	<5.0	<5.0	NS	<5.0	510	NS	NS	NS	300	<1	NS	51000	1100	33	2.1	< 0.500
IW007	10/13/2004	<5.0	<5.0	<20	<5.0	1590	NS	<2	NS	1100	1	NS	29000	610	1	6.3	< 0.25
IW007	12/2/2004	3450	3450	NS	<5.0	1370	5	<2	<2	900	<1	27100	28000	750	0.77	6.9	1
IW007	1/10/2005	<5.0	<5.0	NS	<5.0	510	NS	2	NS	500	<1	NS	24000	710	3.1	3	< 0.25
IW007	1/31/2005	<5.0	<5.0	NS	<5.0	300	NS	<2	NS	300	<1	NS	30000	460	5.9	9.6	0.32
IW007	2/22/2005	<5.0	<5.0	NS	<5.0	450	NS	<2	NS	400	<1	NS	28000	690	25	5.6	0.34
IW007	3/22/2005	<5.0	<5.0	NS	<5.0	330	NS	<2	NS	300	<1	NS	26000	800	1.9	5.6	< 0.25
IW007	4/20/2005	<5.0	<5.0	NS	<5.0	300	NS	<2	NS	200	<1	NS	26000	650	1.2	8.3	< 0.250
IW007	5/31/2005	<5.0	<5.0	NS	<5.0	420	NS	NS	NS	300	<1	NS	29000	510	1.2	6.9	< 0.500
IW007	6/22/2005	<5.0	<5.0	NS	<5.0	470	NS	NS	NS	300	<1	NS	34000	410	1.3	7.9	< 0.500
IW007	7/13/2005	<5.0	<5.0	NS	<5.0	540	NS	NS	NS	300	1	NS	42000	680	3.1	4.3	< 0.500
IW007	8/17/2005	<5.0	<5.0	NS	<5.0	460	NS	NS	NS	400	<1	NS	54000	810	1.1	4.6	< 0.500
IW008	10/13/2004	<5.0	<5.0	<20	<5.0	1090	NS	<2	NS	700	2	NS	26000	860	2.9	4.9	< 0.25
IW008	12/2/2004	1530	1530	NS	<5.0	730	2	<2	<2	500	<1	14400	13000	890	3.5	2	< 0.25
IW008	1/11/2005	4660	4660	NS	<5.0	490	NS	<2	NS	300	<1	NS	16000	760	6.3	5.2	0.34
IW008	2/2/2005	<5.0	<5.0	NS	<5.0	260	NS	<2	NS	2	<1	NS	15000	640	52	6.8	< 0.25
IW008	2/23/2005	<5.0	<5.0	NS	<5.0	370	NS	<2	NS	400	<1	NS	38000	740	41	4.6	0.26
IW008	3/22/2005	<5.0	<5.0	NS	<5.0	230	NS	<2	NS	200	<1	NS	21000	810	27	4.7	< 0.25
IW008	4/25/2005	<5.0	<5.0	NS	<5.0	240	NS	<2	NS	200	<1	NS	21000	930	23	4.3	< 0.250
IW008	5/31/2005	<5.0	<5.0	NS	<5.0	260	NS	NS	NS	300	<1	NS	16000	760	60	2.7	< 0.500
IW008	6/22/2005	<5.0	<5.0	NS	<5.0	240	NS	NS	NS	200	<1	NS	17000	430	15	8	< 0.500
IW008	7/13/2005	<5.0	<5.0	NS	<5.0	610	NS	NS	NS	400	1	NS	53000	810	20	2.9	< 0.500
IW008	8/17/2005	<5.0	<5.0	NS	<5.0	650	NS	NS	NS	400	<1	NS	34000	720	11	4.7	< 0.500
IW009	10/14/2004	<5.0	<5.0	<20	<5.0	1730	NS	4	NS	1300	1	NS	38000	680	0.57	5.1	0.33
IW009	12/6/2004	1610	1610	NS	<5.0	1500	3.3	<2	<2	1200	<1	35800	31000	450	3.2	6.2	< 0.25
IW009	1/11/2005	<5.0	<5.0	NS	<5.0	810	NS	<2	NS	600	<1	NS	39000	730	2.7	8.4	1.7
IW009	2/2/2005	<5.0	<5.0	NS	<5.0	590	NS	<2	NS	500	<1	NS	26000	230	2.6	9.8	< 0.25
IW009	2/23/2005	<5.0	<5.0	NS	<5.0	580	NS	<2	NS	500	<1	NS	28000	560	5.4	8	< 0.25
IW009	3/23/2005	522	522	NS	<5.0	480	NS	<2	NS	400	<1	NS	39000	700	51	4	< 0.25
IW009	4/25/2005	<5.0	<5.0	NS	<5.0	510	NS	<2	NS	300	<1	NS	49000	470	44	4	< 0.250
IW009	5/31/2005	36.2	36.2	NS	<5.0	430	NS	NS	NS	400	<1	NS	29000	490	190	4.4	< 0.500
IW009	6/23/2005	<5.0	<5.0	NS	<5.0	580	NS	NS	NS	400	<1	NS	49000	180	45	11	< 0.500
IW009	7/13/2005	<5.0	<5.0	NS	<5.0	680	NS	NS	NS	400	1	NS	55000	610	91	5.7	< 0.500
IW009	8/17/2005	<5.0	<5.0	NS	<5.0	530	NS	NS	NS	400	<1	NS	47000	600	130	4.1	< 0.500
IW010	10/14/2004	2680	2680	<20	<5.0	2000	NS	<2	NS	1300	2	NS	35000	350	0.84	13	< 0.25
IW010	12/7/2004	9020	9020	NS	<5.0	1930	NS	<2	NS	1100	<1	NS	23000	1000	71	3.4	0.52
IW010	1/11/2005	<5.0	<5.0	NS	<5.0	1510	NS	<2	NS	900	<1	NS	22000	900	230	9.4	2.2
IW010	2/2/2005	6000	6000	NS	<5.0	1380	NS	<2	NS	700	<1	NS	20000	620	79	7.4	< 0.25
IW010	2/24/2005	6530	6530	NS	<5.0	1400	NS	<2	NS	700	1	NS	12000	NS	NS	NS	NS
IW010	2/25/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	750	150	3.6	0.31
IW010	3/23/2005	4100	4100	NS	<5.0	1110	NS	<2	NS	500	<1	NS	26000	760	130	5	< 0.25
IW010	4/25/2005	5010	5010	NS	<5.0	1190	NS	<2	NS	500	<1	NS	23000	850	300	2	< 0.250
IW010	5/31/2005	3880	3880	NS	<5.0	1140	NS	NS	NS	500	<1	NS	20000	720	310	2.5	< 0.500
IW010	6/23/2005	3800	3800	NS	<5.0	1120	NS	NS	NS	600	5	NS	22000	250	89	12	< 0.500
IW010	7/13/2005	3430	3430	NS	<5.0	940	NS	NS	NS	600	1	NS	29000	640	480	2.5	< 0.500
IW010	8/17/2005	2770	2770	NS	<5.0	1080	NS	NS	NS	400	1	NS	15000	730	490	3.6	< 0.500
IW011	10/14/2004	<5.0	<5.0	<20	<5.0	740	NS	<2	NS	500	2	NS	32000	1100	0.41	3.4	< 0.25
IW011	12/7/2004	2830	2830	NS	<5.0	1100	NS	2	NS	700	<1	NS	31000	1100	5	1.5	< 0.25
IW011	1/12/2005	<5.0	<5.0	NS	<5.0	350	NS	4	NS	300	<1	NS	22000	970	6.8	3	< 0.25
IW011	2/2/2005	<5.0	<5.0	NS	<5.0	330	NS	<2	NS	300	<1	NS	12000	990	9.6	4.1	< 0.25
IW011	2/24/2005	<5.0	<5.0	NS	<5.0	470	NS	<2	NS	500	1	NS	54000	920	21	1.7	< 0.25
IW011	3/23/2005	<5.0	<5.0	NS	<5.0	230	NS	<2	NS	200	<1	NS	28000	920	31	1.1	< 0.25
IW011	4/26/2005	<5.0	<5.0	NS	<5.0	360	NS	<2	NS	200	<1	NS	39000	1000	100	4.4	< 0.250
IW011	5/26/2005	<5.0	<5.0	NS	<5.0	380	NS	NS	NS	300	<1	NS	45000	1100	69	3	< 0.500
IW011	6/23/2005	<5.0	<5.0	NS	<5.0	320	NS	NS	NS	300	<1	NS	21000	470	32	7.8	< 0.500
IW011	7/14/2005	<5.0	<5.0	NS	<5.0	490	NS	NS	NS	400	1	NS	60000	810	76	2.4	< 0.500
IW011	8/18/2005	<5.0	<5.0	NS	<5.0	270	NS	NS	NS	300	<1	NS	27000	900	90	3.4	< 0.500
IW012	10/14/2004	<5.0	<5.0	<20	<5.0	1020	NS	<2	NS	600	1	NS	34000	670	0.61	12	1.8
IW012	2/3/2005	<5.0	<5.0	NS	<5.0	430	NS	<2	NS	4	<1	NS	30000	640	12	16	2.5
IW012	3/30/2005	NS	NS	NS	NS	NS	NS	2	NS	NS	NS	NS	NS	NS	NS	NS	NS

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ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
IW012	6/23/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	32000	170	1.8	12	< 0.500
IW012	7/14/2005	NS	NS	NS	NS	380	NS	NS	NS	300	1	NS	50000	650	3	4.4	< 0.500
IW012	8/18/2005	<5.0	<5.0	NS	<5.0	350	NS	NS	NS	400	1	NS	52000	750	3.4	3.1	< 0.500
IW013	10/19/2004	685	685	<20	<5.0	1620	NS	<2	NS	1000	<1	NS	33000	780	0.76	10	3
IW013	12/7/2004	3640	3640	NS	<5.0	1640	NS	3	NS	1000	<1	NS	31000	850	0.68	7.6	1.3
IW013	1/12/2005	<5.0	<5.0	NS	<5.0	900	NS	2	NS	700	<1	NS	26000	130	1.4	19	0.41
IW013	2/3/2005	<5.0	<5.0	NS	<5.0	570	NS	<2	NS	500	<1	NS	9000	570	2.5	9.6	1
IW013	2/24/2005	<5.0	<5.0	NS	<5.0	670	NS	<2	NS	600	<1	NS	63000	700	1.7	4.6	< 0.25
IW013	3/24/2005	<5.0	<5.0	NS	<5.0	430	NS	<2	NS	260	<1	NS	39000	950	7.7	3.7	< 0.25
IW013	4/26/2005	<5.0	<5.0	NS	<5.0	540	NS	<2	NS	300	<1	NS	48000	1200	1.4	4.6	< 0.250
IW013	5/25/2005	<5.0	<5.0	NS	<5.0	340	NS	NS	NS	410	<1	NS	30000	890	1.9	5	< 0.500
IW013	6/23/2005	<5.0	<5.0	NS	<5.0	510	NS	NS	NS	400	1	NS	36000	750	1.1	4.6	< 0.500
IW013	7/14/2005	<5.0	<5.0	NS	<5.0	540	NS	NS	NS	400	1	NS	50000	810	1.5	4.2	< 0.500
IW013	8/23/2005	<5.0	<5.0	NS	<5.0	570	NS	NS	NS	500	<1	NS	60000	1000	1.6	4.8	0.6
IW014	10/19/2004	<5.0	<5.0	<20	<5.0	1140	NS	<2	NS	800	<1	NS	25000	700	0.96	15	3.1
IW014	12/7/2004	<5.0	<5.0	NS	<5.0	1460	NS	<2	NS	1000	<1	NS	35000	910	0.98	6.7	1.2
IW014	1/13/2005	<5.0	<5.0	NS	<5.0	490	NS	<2	NS	500	<1	NS	27000	530	1.8	11	1.5
IW014	2/3/2005	<5.0	<5.0	NS	<5.0	340	NS	<2	NS	36	<1	NS	17000	880	6.4	6.7	0.48
IW014	2/24/2005	<5.0	<5.0	NS	<5.0	520	NS	<2	NS	500	1	NS	27000	960	2.4	5.3	1.2
IW014	3/24/2005	<5.0	<5.0	NS	<5.0	220	NS	<2	NS	140	<1	NS	27000	880	4.7	5.6	< 0.25
IW014	4/26/2005	<5.0	<5.0	NS	<5.0	230	NS	<2	NS	200	<1	NS	32000	1100	4.8	5.2	< 0.250
IW014	5/25/2005	<5.0	<5.0	NS	<5.0	180	NS	NS	NS	320	<1	NS	18000	600	3.2	7.7	< 0.500
IW014	6/28/2005	<5.0	<5.0	NS	<5.0	330	NS	NS	NS	300	<1	NS	19000	530	4.5	5.9	< 0.500
IW014	7/14/2005	<5.0	<5.0	NS	<5.0	460	NS	NS	NS	400	1	NS	58000	860	1.8	4.5	< 0.500
IW014	8/23/2005	<5.0	<5.0	NS	<5.0	350	NS	NS	NS	400	<1	NS	51000	1200	3.8	4	< 0.500
IW015	10/11/2004	2140	2140	NS	<5.0	1990	NS	4	NS	1400	1	NS	41000	590	0.73	7.9	0.95
IW015	1/5/2005	5410	5410	NS	<5.0	1070	NS	<2	NS	900	<1	NS	32000	310	48	10	0.3
IW015	2/21/2005	4630	4630	NS	<5.0	630	NS	<2	NS	600	1	NS	32000	670	53	3.9	< 0.25
IW015	3/17/2005	2180	2180	NS	<5.0	450	NS	<2	NS	290	<1	NS	31000	550	18	1.1	< 0.25
IW015	4/19/2005	2510	2510	NS	<5.0	370	NS	<2	NS	200	<0.05	NS	28000	780	110	8.4	1.7
IW015	6/1/2005	3880	3880	NS	<5.0	420	NS	NS	NS	400	1	NS	29000	510	140	4.8	< 0.500
IW015	6/21/2005	953	953	NS	<5.0	490	NS	NS	NS	400	<1	NS	38000	670	140	3.4	< 0.500
IW015	7/21/2005	3900	3900	NS	<5.0	810	NS	NS	NS	500	1	NS	43000	700	65	4.1	< 0.500
IW015	8/23/2005	2930	2930	NS	<5.0	520	NS	NS	NS	200	<1	NS	55000	840	75	5.5	< 0.500
IW016	10/10/2004	<5.0	<5.0	NS	<5.0	1750	NS	3	NS	1300	2	NS	41000	830	3.3	5.9	0.43
IW016	11/22/2004	4180	4180	NS	<5.0	143	1.9	<2	<2	1100	<1	47400	26000	1200	5.3	2.5	< 0.25
IW016	1/4/2005	<5.0	<5.0	NS	<5.0	630	NS	<2	NS	700	<1	NS	30000	900	4.7	3.8	< 0.25
IW016	1/27/2005	<5.0	<5.0	NS	<5.0	340	NS	<0.4	NS	400	19	NS	42000	990	9.3	1.6	< 0.25
IW016	2/16/2005	<5.0	<5.0	NS	<5.0	510	NS	<0.4	NS	18	1	NS	56000	1100	43	1.9	< 0.25
IW016	3/15/2005	475	475	NS	<5.0	320	NS	<2	NS	200	<1	NS	28000	1000	84	3.6	< 0.25
IW016	4/19/2005	<5.0	<5.0	NS	<5.0	350	NS	<2	NS	200	<0.05	NS	41000	1100	20	2	< 0.250
IW016	6/1/2005	957	957	NS	<5.0	400	NS	NS	NS	400	<1	NS	37000	910	230	3.5	< 0.500
IW016	6/21/2005	<5.0	<5.0	NS	<5.0	520	NS	NS	NS	400	1	NS	43000	440	56	13	0.61
IW016	7/20/2005	375	375	NS	<5.0	450	NS	NS	NS	400	1	NS	54000	1100	150	3.4	< 0.500
IW016	8/23/2005	<5.0	<5.0	NS	<5.0	380	NS	NS	NS	200	<1	NS	57000	1300	130	2.6	< 0.500
IW028	6/16/2005	253	253	NS	<5.0	530	NS	NS	NS	1100	<0.05	NS	17	28	0.19	23	4.9
LordWW	12/29/2004	NS	NS	NS	NS	1200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
LordWW	6/7/2005	NS	NS	NS	NS	1280	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW001	1/12/2005	NS	NS	NS	NS	200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW001	5/26/2005	NS	NS	NS	NS	230	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW001	8/24/2005	506	506	NS	<5.0	280	2.5	10.5	10.7	700	0.8	2090	38	61	16	24	3.8
MW002	1/4/2005	NS	NS	NS	NS	440	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW002	6/6/2005	NS	NS	NS	NS	410	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW002A	1/4/2005	NS	NS	NS	NS	510	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW002A	6/6/2005	NS	NS	NS	NS	450	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW003	1/6/2005	NS	NS	NS	NS	570	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW003	6/3/2005	NS	NS	NS	NS	480	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW003	8/11/2005	223	223	NS	<5.0	760	2.2	2.8	3.3	1300	<0.05	3510	26	42	2	23	5.9
MW004	1/4/2005	NS	NS	NS	NS	560	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW004	6/6/2005	NS	NS	NS	NS	760	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW004	8/11/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	79	750	22	3.9
MW004	8/15/2005	399	399	NS	<5.0	1840	2.5	11.8	11.4	630	<0.05	4280	48	NS	NS	NS	NS
MW004A	1/4/2005	NS	NS	NS	NS	360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW004A	6/6/2005	NS	NS	NS	NS	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW004A	8/11/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20	5.4	23	7.8

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Groundwater Analytical Results
Inorganics (Nonmetals), Total Organic Carbon (TOC), and Gases
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
MW004A	8/15/2005	228	228	NS	<5.0	50	4.1	2	2.1	110	<0.05	520	17	NS	NS	NS	NS
MW005	6/30/2005	NS	NS	NS	NS	910	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW005	8/25/2005	471	471	NS	<5.0	1270	1.8	<0.4	0.5	1000	<0.05	4210	35	99	570	20	1.4
MW007	1/4/2005	NS	NS	NS	NS	290	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW007	6/3/2005	NS	NS	NS	NS	310	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW007	8/11/2005	241	241	NS	<5.0	390	2.9	4.2	4.1	1000	<0.05	2540	26	23	2	22	7
MW007A	1/10/2005	NS	NS	NS	NS	430	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW007A	6/3/2005	NS	NS	NS	NS	310	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW007A	8/10/2005	164	164	NS	<5.0	430	2.7	3.7	3.6	700	<0.05	2000	16	12	3.1	27	4.8
MW008	9/16/2004	288	288	7	<5.0	1290	NS	9.9	NS	1500	0.05	NS	6	140	2.9	16	3.8
MW008	10/4/2004	439	439	NS	<5.0	920	NS	9	NS	1240	0.06	NS	8	96	2.7	17	3.2
MW008	11/8/2004	359	359	NS	<5.0	1050	3	8.5	9.6	1400	<0.05	4230	14	45	2.6	18	2.7
MW008	12/16/2004	444	444	NS	<5.0	1050	2.6	10.1	9.3	1400	<0.05	4210	10	40	5	16	4.8
MW008	1/13/2005	525	525	4	<5.0	890	2.1	7.4	7.6	1200	<0.05	3610	19	150	4	17	5.2
MW008	2/8/2005	532	532	NS	<5.0	1070	1.6	7.2	7.1	1400	0.06	4370	21	90	1.3	18	2.3
MW008	3/8/2005	869	869	NS	<5.0	600	1.6	5	4.1	700	<0.05	3200	41	340	66	13	1.8
MW008	4/6/2005	906	906	NS	<5.0	500	1.9	1.3	1.5	700	0.08	3180	87	640	330	11	0.85
MW008	5/11/2005	1160	1160	NS	<5.0	610	1.5	0.6	0.8	600	3.5	3620	386	560	440	9.9	< 0.500
MW008	6/7/2005	1150	1150	NS	<5.0	820	1.5	NS	0.3	900	2.3	4140	247	340	310	13	< 0.500
MW008	7/6/2005	791	791	NS	<5.0	920	1.8	NS	0.8	1100	7	4040	254	500	1100	11	< 0.500
MW008	8/2/2005	507	507	NS	<5.0	620	2	NS	2.9	900	12	3150	87	290	380	17	1.2
MW008	8/4/2005	NS	NS	NS	NS	NS	NS	4.5	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW008A	9/16/2004	339	339	8	<5.0	1050	NS	6.4	NS	1700	0.05	NS	5	270	38	16	2.3
MW008A	10/4/2004	372	372	NS	<5.0	1040	NS	6.1	NS	1710	0.06	NS	12	210	27	21	3
MW008A	11/8/2004	428	428	NS	<5.0	1070	3	5.2	5.4	1700	<0.05	4730	38	280	11	16	6.4
MW008A	12/16/2004	584	584	NS	<5.0	1100	2.6	5	4.4	1600	<0.05	4830	28	330	16	20	2.1
MW008A	1/6/2005	568	568	NS	<5.0	1110	14	2.1	3.8	1600	<0.05	4520	32	380	18	21	2.5
MW008A	2/7/2005	583	583	NS	<5.0	1090	3	1.3	0.7	1500	<0.05	4830	23	280	120	23	2.2
MW008A	3/8/2005	591	591	NS	<5.0	1040	2.9	0.7	<0.2	1200	<0.05	4570	37	260	540	28	4.7
MW008A	4/6/2005	716	716	NS	<5.0	1040	3	<0.4	<0.2	1300	0.26	4510	35	350	400	20	1.5
MW008A	5/10/2005	931	931	NS	<5.0	1040	2.7	<0.4	<0.2	1060	25	4450	174	280	680	19	< 0.500
MW008A	6/7/2005	1060	1060	NS	<5.0	1060	2.6	NS	<0.2	900	36	4320	184	660	1100	6.3	< 0.500
MW008A	7/6/2005	2370	2370	NS	<5.0	1330	3.4	NS	<0.2	15	41	4900	550	830	2500	4.9	< 0.500
MW008A	8/2/2005	1380	1380	NS	<5.0	960	2.4	NS	<0.2	500	0.92	3940	309	810	2400	3.3	< 0.500
MW008A	8/4/2005	NS	NS	NS	NS	NS	NS	<0.4	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW008M	9/16/2004	1700	1700	10	<5.0	1370	NS	<0.4	NS	400	24	NS	900	340	33	16	0.34
MW008M	10/4/2004	1700	1700	NS	<5.0	1330	NS	1.6	NS	420	23	NS	1090	290	25	15	0.3
MW008M	11/9/2004	2010	2010	10	<5.0	1380	4.4	<0.4	<0.2	200	42	6280	830	420	160	16	1.8
MW008M	12/16/2004	2370	NS	NS	<5.0	1400	4	<0.4	<0.2	50	22	6080	930	530	7600	7.8	0.26
MW008M	1/17/2005	2730	2730	NS	<5.0	1460	3.4	<0.2	<0.2	<10	4	6350	83	430	11000	8.9	0.69
MW008M	2/8/2005	2440	2440	NS	<5.0	1470	3.4	<2	<0.2	2	6	5890	820	280	10000	8.9	0.28
MW008M	3/8/2005	2280	2280	NS	<5.0	1480	3.6	18.2	<0.2	3	3.7	5410	680	350	16000	6.8	0.48
MW008M	4/6/2005	2170	2170	NS	<5.0	1320	3.3	<0.4	<0.2	3	14	5050	570	480	16000	8.2	0.8
MW008M	5/11/2005	2330	2330	NS	<5.0	1380	3.4	<0.4	<0.2	8	0.56	5070	394	520	13000	2.5	< 0.500
MW008M	6/7/2005	2150	2150	NS	<5.0	1370	3	NS	<0.2	10	60	5270	510	540	9900	3.4	< 0.500
MW008M	7/6/2005	1220	1220	NS	<5.0	1050	2.5	NS	<0.2	600	64	4150	379	520	11000	7.1	< 0.500
MW008M	8/2/2005	2240	2240	NS	<5.0	1290	3.1	NS	<0.2	35	48	4810	429	500	9300	7.6	< 0.500
MW008M	8/4/2005	NS	NS	NS	NS	NS	NS	<0.4	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW009	1/4/2005	NS	NS	NS	NS	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW009	6/6/2005	NS	NS	NS	NS	300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW009	8/16/2005	214	214	NS	<5.0	640	2.1	7.3	7.4	900	<0.05	2690	7	30	2.5	19	6.9
MW009A	1/11/2005	NS	NS	NS	NS	740	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW009A	6/6/2005	NS	NS	NS	NS	840	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW009A	8/16/2005	217	217	NS	<5.0	270	3.2	11.8	11.8	600	<0.05	2700	7	24	2	23	6.3
MW010	1/3/2005	NS	NS	NS	NS	2090	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW010	6/6/2005	NS	NS	NS	NS	2060	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW010	8/18/2005	182	182	NS	<5.0	2450	1.7	5.5	6.1	900	0.06	6600	9	29	0.56	22	7
MW011	9/14/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3	NS	NS	NS	NS
MW011	9/15/2004	152	152	7	<5.0	1200	NS	8.8	NS	1600	0.05	NS	3	19	12	16	3.5
MW011	10/5/2004	164	164	NS	<5.0	1160	NS	8.9	NS	1600	0.06	NS	6	NS	NS	NS	NS
MW011	10/6/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	20	13	20	3.7
MW011	11/11/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9	NS	NS	NS	NS
MW011	11/16/2004	200	200	NS	<5.0	1060	3.8	7.9	8.2	1600	<0.05	4490	11	22	7.2	14	4.4
MW011	12/20/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	11	NS	NS	NS	NS
MW011	12/29/2004	423	423	NS	<5.0	1200	4.5	6.4	5.7	1600	<0.05	4590	12	56	31	13	1.8

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Inorganics (Nonmetals), Total Organic Carbon (TOC), and Gases
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
MW011	1/25/2005	521	521	NS	<5.0	1100	3.3	5.3	6.8	1600	<0.05	4560	17	69	3.6	14	2.3
MW011	2/8/2005	603	603	NS	<5.0	1050	3.6	4.3	4.2	1600	0.05	4690	18	120	3.3	15	1.9
MW011	3/9/2005	55.9	55.9	NS	<5.0	1160	2.5	10	8.6	1200	<0.05	4550	22	170	4.4	16	4.8
MW011	4/12/2005	3910	3910	NS	<5.0	1600	1.3	<0.4	6	<1	<1	11200	2710	130	1.7	16	4.2
MW011	5/12/2005	349	349	NS	<5.0	1400	1.8	9.9	10.1	1500	0.05	5000	45	100	1.1	17	4.7
MW011	6/8/2005	306	306	NS	<5.0	1530	1.8	NS	10.5	1500	<0.05	5270	26	310	9400	12	< 0.500
MW011	7/11/2005	304	304	NS	<5.0	1670	1.7	NS	10.6	1400	0.09	5310	31	72	1.8	13	3.9
MW011	8/4/2005	273	273	NS	<5.0	1470	1.5	10.6	11.3	1600	<0.05	5270	22	79	0.55	18	6.2
MW011A	9/15/2004	173	173	5	<5.0	810	NS	6.7	NS	1300	0.06	NS	3	18	0.95	13	3.3
MW011A	10/5/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6	NS	NS	NS	NS
MW011A	10/7/2004	174	174	NS	<5.0	640	NS	5.8	NS	1100	0.06	NS	5	17	5.6	19	5
MW011A	11/11/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1860	NS	NS	NS	NS
MW011A	11/16/2004	179	179	NS	<5.0	790	3.6	6	6.4	1200	<0.05	3370	8	16	1	14	3.6
MW011A	12/20/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	12	NS	NS	NS	NS
MW011A	12/29/2004	179	179	NS	<5.0	710	3.8	5.5	5.7	1000	<0.05	2950	9	17	0.88	18	5.5
MW011A	1/19/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8	NS	NS	NS	NS
MW011A	1/25/2005	168	168	NS	<5.0	1200	4.6	7.5	9.3	1700	<0.05	4390	NS	15	1.9	21	4.8
MW011A	2/8/2005	142	142	NS	<5.0	1270	3.5	8.9	8.9	1700	0.05	4790	9	14	10	16	2.3
MW011A	3/9/2005	145	145	NS	<5.0	1310	4.4	12.5	10.8	1700	<0.05	5150	11	14	12	21	3.7
MW011A	4/11/2005	147	147	NS	<5.0	1330	4.1	10.8	10.4	1700	0.06	5340	6	19	4.6	18	4.4
MW011A	5/11/2005	145	145	NS	<5.0	1400	4.5	10.6	10.8	1800	0.05	5330	16	16	9.3	20	1.6
MW011A	6/8/2005	142	142	NS	<5.0	1350	4.5	NS	10.6	1900	<0.05	5260	15	14	0.67	16	2.3
MW011A	7/11/2005	141	141	NS	<5.0	1370	4.1	NS	10.5	1800	0.09	5310	10	15	1.9	19	1.1
MW011A	8/4/2005	145	145	NS	<5.0	1250	3.8	9.1	9.9	2000	<0.05	5320	11	17	0.58	20	3.3
MW011M	9/14/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	700	NS	NS	NS	NS
MW011M	9/15/2004	1460	1460	16	<5.0	1590	NS	1.8	NS	1200	8	NS	1000	280	29	14	1.2
MW011M	10/5/2004	<5.0	<5.0	NS	<5.0	1570	NS	1.2	NS	800	28	NS	650	NS	NS	NS	NS
MW011M	10/6/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	400	59	13	0.44
MW011M	11/11/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8	NS	NS	NS	NS
MW011M	11/16/2004	1400	1400	NS	<5.0	1320	2.2	<0.4	<0.2	500	90	5870	691	170	54	12	0.39
MW011M	12/20/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1970	NS	NS	NS	NS
MW011M	12/29/2004	3050	3050	NS	<5.0	1550	1.8	1.1	1.3	800	4	7850	1330	510	3800	6.7	0.4
MW011M	1/25/2005	3260	3260	NS	<5.0	1600	1.4	<2	<0.2	200	69	9010	1730	440	12000	4.8	0.28
MW011M	2/9/2005	2660	2660	NS	<5.0	1580	1.9	<2	<0.2	112	64	10000	1910	440	9400	9.8	< 0.25
MW011M	3/9/2005	358	358	NS	<5.0	1490	1.6	<0.4	<0.2	30	13	11000	2390	450	11000	9.4	< 0.25
MW011M	4/12/2005	419	419	NS	<5.0	1600	2	9.6	9.3	<10	0.05	4990	10	420	15000	4	< 0.250
MW011M	5/12/2005	3470	3470	NS	<5.0	1620	0.8	<2	<2	<1	3	9670	2440	390	14000	7.5	< 0.500
MW011M	6/8/2005	3030	3030	NS	<5.0	1180	0.7	NS	<2	<10	0.17	8280	1810	330	9500	14	< 0.500
MW011M	7/11/2005	2840	2840	NS	<5.0	1590	0.7	NS	<2	<10	3	7400	1650	360	21000	3.2	< 0.500
MW011M	8/8/2005	2800	2800	NS	<5.0	1450	0.7	<0.4	<2	<10	2	7170	1420	390	21000	2.8	< 0.500
MW012	9/9/2004	195	195	NS	<5.0	730	NS	6.2	NS	1300	0.05	NS	5	17	0.77	16	6.7
MW012	10/6/2004	256	256	NS	<5.0	560	NS	4.2	NS	1000	0.07	NS	8	19	0.53	21	4.8
MW012	11/10/2004	264	264	4	<5.0	600	2.2	4.3	4.5	1100	<0.05	2960	13	16	11	20	3.6
MW012	12/28/2004	341	341	NS	<5.0	600	1.4	4	4.7	1000	<0.05	2850	16	33	1	17	2.7
MW012	1/18/2005	412	412	NS	<5.0	640	4.4	4.9	4.9	1100	<0.05	2700	8	83	3.3	17	6.8
MW012	2/9/2005	405	405	NS	<5.0	710	1.3	5.1	5.1	1200	0.05	3180	15	57	2.6	19	6.3
MW012	3/10/2005	396	396	NS	<5.0	540	1.8	5.2	5	900	<0.05	2970	17	22	0.85	21	3.1
MW012	4/13/2005	408	408	NS	<5.0	560	1.6	5.4	5.3	900	<0.05	2860	65	100	1400	21	4.1
MW012	5/17/2005	440	440	NS	<5.0	520	1.3	5	4.9	860	0.4	2770	78	110	1200	17	2.9
MW012	6/9/2005	448	448	NS	<5.0	560	1.4	NS	4.9	1000	<0.05	2950	43	120	2100	11	1.7
MW012	7/11/2005	452	452	NS	<5.0	510	1.6	NS	4.7	900	0.06	2860	54	130	4500	13	2.1
MW012	8/8/2005	463	463	NS	<5.0	490	1.4	4.2	4.4	900	<0.05	2930	68	200	4400	15	1.7
MW012A	9/9/2004	216	216	NS	<5.0	70	NS	1.8	NS	99	0.06	NS	<1	4.4	0.31	25	1.3
MW012A	10/6/2004	208	208	NS	<5.0	60	NS	1.6	NS	100	0.06	NS	3	4.7	0.91	21	3.7
MW012A	11/10/2004	212	212	<2	<5.0	70	3.8	1.3	1.7	103	<0.05	530	5	4.8	7.4	24	1.7
MW012A	12/28/2004	213	213	NS	<5.0	63	3.8	1.5	1.8	96	<0.05	560	5	4.7	10	28	1.9
MW012A	1/18/2005	250	250	NS	<5.0	80	4.8	1.8	1.8	100	<0.05	580	8	6.4	7.7	23	4
MW012A	2/10/2005	218	218	NS	<5.0	70	3.7	1.4	1.4	103	<0.05	520	7	6.5	14	24	2.6
MW012A	3/10/2005	221	221	NS	<5.0	70	3.6	2.3	1.8	90	<0.05	530	7	7	2.6	31	4.9
MW012A	4/13/2005	278	278	NS	<5.0	70	4	1.8	1.6	97	<0.05	540	25	7.4	4.6	29	4.8
MW012A	5/17/2005	218	218	NS	<5.0	70	4	1.4	1.6	100	0.09	530	27	5.4	3.9	22	4
MW012A	6/14/2005	213	213	NS	<5.0	90	4.4	NS	1.6	100	<0.05	530	13	< 5.000	1.3	29	3.1
MW012A	7/12/2005	208	208	NS	<5.0	80	3.9	NS	1.3	112	0.07	550	12	150	9.6	29	2.8
MW012A	8/8/2005	214	214	NS	<5.0	80	4.2	1.1	1.1	101	0.12	300	18	7	7.7	26	1.8
MW012M	9/9/2004	950	950	NS	<5.0	620	NS	<0.4	NS	200	130	NS	340	57	14	14	0.53

Table 5
Groundwater Analytical Results
Inorganics (Nonmetals), Total Organic Carbon (TOC), and Gases
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

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Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
MW012M	10/6/2004	899	899	NS	<5.0	540	NS	<0.4	NS	80	180	NS	142	45	8.5	19	0.26
MW012M	11/10/2004	975	975	6	<5.0	550	2	<0.4	<0.2	7	62	2420	220	72	6000	19	1.4
MW012M	12/28/2004	885	885	NS	<5.0	630	2	<0.4	<0.2	73	80	1940	80	59	14000	11	< 0.25
MW012M	1/18/2005	967	967	NS	<5.0	520	1.7	<0.2	<0.2	100	60	1780	70	61	15000	13	1.4
MW012M	2/9/2005	750	750	NS	<5.0	490	2	<0.4	<0.2	100	68	1880	6	55	17000	12	0.51
MW012M	3/10/2005	665	665	NS	<5.0	440	2.4	<0.4	<0.2	100	53	1870	39	30	3500	24	0.38
MW012M	4/13/2005	634	634	NS	<5.0	410	2.3	<0.4	<0.2	200	3.1	1860	98	39	8300	20	2.3
MW012M	5/18/2005	626	626	NS	<5.0	450	2.2	<0.4	<0.2	320	35	1750	92	41	7600	19	< 0.500
MW012M	6/14/2005	653	653	NS	<5.0	450	2.2	NS	<0.2	300	45	1850	68	32	3500	25	1.9
MW012M	7/12/2005	903	903	NS	<5.0	440	2.2	NS	<0.2	100	46	2050	97	72	15000	11	< 0.500
MW012M	8/9/2005	1060	1060	NS	<5.0	430	2	0.7	<0.2	37	37	2000	130	110	24000	8.3	< 0.500
MW013	1/10/2005	NS	NS	NS	NS	400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW013	6/3/2005	NS	NS	NS	NS	890	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW013	8/18/2005	208	208	NS	<5.0	1300	1.5	5.9	6.4	1400	<0.05	4140	13	25	0.37	18	4.9
MW013A	1/11/2005	NS	NS	NS	NS	110	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW013A	6/3/2005	NS	NS	NS	NS	80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW013A	8/23/2005	197	197	NS	<5.0	170	3.5	2.2	2.5	200	<0.05	900	29	16	0.89	17	5.8
MW014	1/10/2005	NS	NS	NS	NS	1890	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW014	6/8/2005	NS	NS	NS	NS	1790	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW014	8/22/2005	312	312	NS	<5.0	760	2.1	8	9.2	900	<0.05	3040	88	53	330	17	3.9
MW014A	12/16/2004	NS	NS	NS	NS	70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW014A	6/2/2005	NS	NS	NS	NS	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW014A	8/23/2005	171	171	NS	<5.0	400	2.8	2.9	3.4	400	<0.05	1480	30	13	0.45	17	6.1
MW015	1/4/2005	NS	NS	NS	NS	2800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW015	6/3/2005	NS	NS	NS	NS	2490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW015A	12/20/2004	NS	NS	NS	NS	960	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW015A	6/2/2005	NS	NS	NS	NS	1030	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW016A	12/16/2004	NS	NS	NS	NS	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW016A	6/2/2005	NS	NS	NS	NS	260	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW017A	1/4/2005	NS	NS	NS	NS	80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW017A	6/3/2005	NS	NS	NS	NS	70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW018	12/20/2004	NS	NS	NS	NS	250	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW018	5/31/2005	NS	NS	NS	NS	250	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW018A	12/16/2004	NS	NS	NS	NS	220	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW018A	5/31/2005	NS	NS	NS	NS	200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW019A	12/20/2004	NS	NS	NS	NS	350	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW019A	5/31/2005	NS	NS	NS	NS	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW020	1/3/2005	NS	NS	NS	NS	850	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW020	5/26/2005	NS	NS	NS	NS	890	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW020A	1/3/2005	NS	NS	NS	NS	480	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW020A	5/31/2005	NS	NS	NS	NS	430	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW021	12/21/2004	NS	NS	NS	NS	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW021	5/27/2005	NS	NS	NS	NS	290	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW021A	12/21/2004	NS	NS	NS	NS	400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW021A	6/6/2005	NS	NS	NS	NS	7600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW022A	1/6/2005	NS	NS	NS	NS	460	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW022A	6/3/2005	NS	NS	NS	NS	510	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023	1/12/2005	NS	NS	NS	NS	1290	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023	6/1/2005	NS	NS	NS	NS	1210	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023	8/10/2005	230	230	NS	<5.0	1260	2.6	2	1.6	1300	<0.05	4310	28	36	7.2	26	8.5
MW023A	12/14/2004	NS	NS	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023A	6/2/2005	NS	NS	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW023A	8/10/2005	230	230	NS	<5.0	60	4	2.2	1.8	100	<0.05	520	22	6.3	3.6	32	3.1
MW024	12/28/2004	NS	NS	NS	NS	450	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW024	6/2/2005	NS	NS	NS	NS	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW024	7/18/2005	NS	NS	NS	NS	380	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW024A	1/6/2005	NS	NS	NS	NS	740	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW024A	7/18/2005	NS	NS	NS	NS	310	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW025	1/3/2005	NS	NS	NS	NS	380	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW025	6/2/2005	NS	NS	NS	NS	360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW025	8/16/2005	389	389	NS	<5.0	180	1.1	10.7	11	200	<0.05	1150	10	44	4.4	23	4.4
MW026	12/13/2004	NS	NS	NS	NS	680	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW026	6/3/2005	NS	NS	NS	NS	630	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW027	12/20/2004	NS	NS	NS	NS	400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW027	6/2/2005	NS	NS	NS	NS	330	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Groundwater Analytical Results
Inorganics (Nonmetals), Total Organic Carbon (TOC), and Gases
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
MW028	12/6/2004	NS	NS	NS	NS	880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW028	5/25/2005	NS	NS	NS	NS	750	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW029	12/7/2004	NS	NS	NS	NS	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW029	5/24/2005	NS	NS	NS	NS	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW030	12/13/2004	NS	NS	NS	NS	440	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW030	5/26/2005	NS	NS	NS	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW031	12/9/2004	NS	NS	NS	NS	110	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW031	5/24/2005	NS	NS	NS	NS	110	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW032	12/8/2004	NS	NS	NS	NS	360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW032	5/24/2005	NS	NS	NS	NS	380	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW033	1/13/2005	NS	NS	NS	NS	840	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW033	5/25/2005	NS	NS	NS	NS	770	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW034	1/5/2005	NS	NS	NS	NS	540	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW034	6/7/2005	NS	NS	NS	NS	480	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW035	12/21/2004	NS	NS	NS	NS	70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW035	5/25/2005	NS	NS	NS	NS	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW036	1/12/2005	NS	NS	NS	NS	760	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW036	5/31/2005	NS	NS	NS	NS	610	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW036	8/11/2005	627	627	NS	<5.0	510	5	<0.4	0.3	75	0.06	1750	70	200	1100	21	2.8
MW037	1/12/2005	NS	NS	NS	NS	460	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW037	5/26/2005	NS	NS	NS	NS	530	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW037	8/25/2005	843	843	NS	<5.0	300	4	0.4	<0.2	6	0.8	1490	197	120	9700	8.5	0.65
MW038	1/12/2005	NS	NS	NS	NS	530	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW038	5/31/2005	NS	NS	NS	NS	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW038	8/18/2005	604	604	NS	<5.0	200	3.9	<0.4	<0.2	17	0.16	1030	25	80	3200	18	3.5
MW039A	1/6/2005	NS	NS	NS	NS	180	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW039A	6/8/2005	NS	NS	NS	NS	230	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW039A	8/25/2005	170	170	NS	<5.0	190	3	2.7	2.8	300	<0.05	1000	8	7.7	0.44	18	6.7
MW040A	12/15/2004	NS	NS	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW040A	5/24/2005	NS	NS	NS	NS	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW040A	8/18/2005	207	207	NS	<5.0	60	3.7	1.8	1.9	102	<0.05	510	4	6.7	0.52	20	6.6
MW041A	1/10/2005	NS	NS	NS	NS	640	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW041A	6/7/2005	NS	NS	NS	NS	640	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW042A	12/9/2004	NS	NS	NS	NS	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW042A	6/3/2005	NS	NS	NS	NS	1930	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW043	12/28/2004	NS	NS	NS	NS	220	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW043	5/27/2005	NS	NS	NS	NS	180	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW044	1/5/2005	NS	NS	NS	NS	860	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW044	6/9/2005	NS	NS	NS	NS	880	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW045	1/12/2005	NS	NS	NS	NS	410	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW045	5/27/2005	NS	NS	NS	NS	330	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW046	1/12/2005	NS	NS	NS	NS	170	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW046	5/26/2005	NS	NS	NS	NS	130	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW046A	1/11/2005	NS	NS	NS	NS	580	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW046A	5/24/2005	NS	NS	NS	NS	570	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW047	1/5/2005	NS	NS	NS	NS	460	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW047	6/8/2005	NS	NS	NS	NS	510	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW047	8/11/2005	227	227	NS	<5.0	580	3	<0.4	4.2	900	<0.05	2700	22	31	1.1	18	5.4
MW048SA	1/6/2005	NS	NS	NS	NS	480	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW048SA	6/7/2005	NS	NS	NS	NS	540	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW049SA	1/6/2005	NS	NS	NS	NS	3200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW049SA	6/6/2005	NS	NS	NS	NS	2700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW050SA	1/5/2005	NS	NS	NS	NS	1080	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW050SA	6/8/2005	NS	NS	NS	NS	1320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW051SA	1/11/2005	NS	NS	NS	NS	1530	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW051SA	6/7/2005	NS	NS	NS	NS	1420	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW052SA	1/11/2005	NS	NS	NS	NS	1600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW052SA	6/1/2005	NS	NS	NS	NS	1560	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW053SA	1/11/2005	NS	NS	NS	NS	280	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW053SA	6/1/2005	NS	NS	NS	NS	230	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW054SA	1/10/2005	NS	NS	NS	NS	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW054SA	6/7/2005	NS	NS	NS	NS	900	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW055SA	1/6/2005	NS	NS	NS	NS	610	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW055SA	6/7/2005	NS	NS	NS	NS	600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW056SA	1/11/2005	NS	NS	NS	NS	1380	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 5
Groundwater Analytical Results
Inorganics (Nonmetals), Total Organic Carbon (TOC), and Gases
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
MW056SA	6/6/2005	NS	NS	NS	NS	1360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW057SA	12/15/2004	NS	NS	NS	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW057SA	6/1/2005	NS	NS	NS	NS	240	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW058	1/3/2005	NS	NS	NS	NS	580	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW058	6/8/2005	NS	NS	NS	NS	590	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW058	8/16/2005	137	137	NS	<5.0	1090	1.9	8.3	8.5	1700	<0.05	4570	7	14	11	21	6.8
MW059	12/14/2004	NS	NS	NS	NS	420	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW059	6/8/2005	NS	NS	NS	NS	420	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW060	1/4/2005	NS	NS	NS	NS	760	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW060	6/30/2005	NS	NS	NS	NS	740	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW060	8/16/2005	138	138	NS	<5.0	800	2	<0.4	0.2	1400	<0.05	3640	7	8.7	14000	14	3.1
MW061	1/11/2005	NS	NS	NS	NS	810	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW061	6/9/2005	NS	NS	NS	NS	740	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW062A	12/21/2004	NS	NS	NS	NS	80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW062A	5/25/2005	NS	NS	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW063A	12/14/2004	NS	NS	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW063A	5/24/2005	NS	NS	NS	NS	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW064SA	10/20/2004	254	254	4	<5.0	1230	NS	12.6	NS	600	<0.05	NS	13	39	0.69	17	4.8
MW064SA	12/9/2004	274	274	NS	<5.0	1260	3.9	11	11.7	600	<0.05	3420	11	36	0.07	14	3.8
MW064SA	1/12/2005	319	319	NS	<5.0	1210	3.9	13.9	14.6	690	<0.05	3340	14	36	9.8	18	7.5
MW064SA	2/2/2005	306	306	NS	<5.0	1120	3	11.2	11.2	500	<0.05	3220	13	37	6	16	3.8
MW064SA	3/1/2005	259	259	NS	<5.0	1240	3.2	12.2	12.4	600	0.06	3160	13	35	9.8	16	4.1
MW064SA	3/24/2005	270	270	NS	<5.0	1110	3.1	11.2	13	600	<0.05	3230	6	35	1.8	18	5.2
MW064SA	4/27/2005	286	286	NS	<5.0	1120	3	13.7	14	600	<0.05	3180	36	35	1.4	17	2.5
MW064SA	5/24/2005	272	272	NS	<5.0	1140	3.4	NS	15.5	700	0.05	3200	34	31	0.19	19	3.3
MW064SA	6/28/2005	NS	NS	NS	NS	1160	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW064SA	7/14/2005	260	260	NS	<5.0	1170	2.8	NS	12.4	700	0.14	3240	24	33	3.5	14	3.1
MW064SA	8/24/2005	276	276	NS	<5.0	1080	2.7	NS	13.1	600	<0.05	3340	19	37	1.7	20	5.8
MW065SA	12/15/2004	NS	NS	NS	NS	1190	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW065SA	6/2/2005	208	208	NS	<5.0	1170	2.6	NS	1.7	500	<0.05	3140	21	21	6.4	19	7.5
MW066SA	1/10/2005	NS	NS	NS	NS	1570	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW066SA	1/26/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	13	NS	NS	NS	NS
MW066SA	2/23/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10	NS	NS	NS	NS
MW066SA	3/30/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6	NS	NS	NS	NS
MW066SA	4/25/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	23	NS	NS	NS	NS
MW066SA	5/25/2005	198	198	NS	<5.0	1500	2.9	NS	3.9	1100	0.05	4100	32	17	0.32	13	7.2
MW066SA	6/30/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	26	NS	NS	NS	NS
MW066SA	7/18/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	19	NS	NS	NS	NS
MW067SA	12/16/2004	NS	NS	NS	NS	260	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW067SA	6/1/2005	NS	NS	NS	NS	240	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW068	12/9/2004	NS	NS	NS	NS	2180	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW068	5/24/2005	NS	NS	NS	NS	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW069	12/9/2004	NS	NS	NS	NS	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW069	5/26/2005	NS	NS	NS	NS	3300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW070	12/9/2004	NS	NS	NS	NS	120	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW070	5/24/2005	NS	NS	NS	NS	130	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW070A	12/15/2004	NS	NS	NS	NS	60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW070A	6/1/2005	NS	NS	NS	NS	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW071SA	9/14/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3	NS	NS	NS	NS
MW071SA	10/5/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6	NS	NS	NS	NS
MW071SA	10/6/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	26	0.48	17	5.7
MW071SA	10/20/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	12	NS	NS	NS	NS
MW071SA	11/4/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10	NS	NS	NS	NS
MW071SA	11/17/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8	NS	NS	NS	NS
MW071SA	12/2/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10	NS	NS	NS	NS
MW071SA	1/6/2005	NS	NS	NS	NS	920	NS	NS	NS	NS	NS	NS	13	NS	NS	NS	NS
MW071SA	2/7/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	11	NS	NS	NS	NS
MW071SA	3/7/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	14	NS	NS	NS	NS
MW071SA	4/14/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	45	NS	NS	NS	NS
MW071SA	5/10/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	39	NS	NS	NS	NS
MW071SA	6/2/2005	311	311	NS	<5.0	1050	3	NS	<0.2	63	<0.05	2160	41	43	27	24	3.4
MW071SA	7/7/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	53	NS	NS	NS	NS
MW072SA	12/20/2004	NS	NS	NS	NS	400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW072SA	1/26/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	14	NS	NS	NS	NS
MW072SA	2/23/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9	NS	NS	NS	NS

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Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
MW072SA	3/30/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	NS	NS	NS	NS
MW072SA	4/25/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	34	NS	NS	NS	NS
MW072SA	5/25/2005	288	288	NS	<5.0	360	3.7	NS	5.7	530	0.05	1650	36	26	0.21	18	6.5
MW072SA	6/30/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	27	NS	NS	NS	NS
MW072SA	7/18/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	26	NS	NS	NS	NS
MW073SA	12/16/2004	NS	NS	NS	NS	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW073SA	5/31/2005	NS	NS	NS	NS	310	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW074SA	12/7/2004	NS	NS	NS	NS	670	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW074SA	5/31/2005	NS	NS	NS	NS	590	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW075SA	12/7/2004	NS	NS	NS	NS	930	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW075SA	6/1/2005	NS	NS	NS	NS	800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW076SA	12/7/2004	NS	NS	NS	NS	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW076SA	6/1/2005	NS	NS	NS	NS	450	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW077SA	12/8/2004	NS	NS	NS	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW077SA	6/1/2005	NS	NS	NS	NS	2080	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW078SA	12/8/2004	NS	NS	NS	NS	220	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW078SA	6/1/2005	NS	NS	NS	NS	170	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW079SA	10/10/2004	2700	2700	NS	<5.0	1130	NS	<2	NS	500	5	NS	5200	1300	2400	1.5	< 0.25
MW079SA	11/22/2004	750	750	NS	<5.0	860	0.9	<0.4	<0.2	400	21	3620	109	400	4900	14	1.3
MW079SA	1/5/2005	1500	1500	NS	<5.0	850	2.8	<0.4	<0.2	300	13	3400	420	370	1000	15	< 0.25
MW079SA	1/27/2005	1180	1180	NS	<5.0	810	3.3	<2	<2	200	<1	4570	890	550	1400	12	1.2
MW079SA	2/16/2005	1220	1220	NS	<5.0	840	2.4	0.5	<0.2	100	7	5400	4000	1100	2600	2.7	< 0.25
MW079SA	3/15/2005	1380	1380	NS	<5.0	720	3.3	<0.4	<0.2	109	9	4040	690	350	500	16	3.4
MW079SA	4/18/2005	1590	1590	NS	<5.0	730	2.9	1	<0.2	23	4.6	4040	1050	780	2600	6.6	0.37
MW079SA	6/2/2005	1510	1510	NS	<5.0	740	3.2	NS	<0.2	66	25	3760	593	500	3500	7.2	0.55
MW079SA	6/20/2005	1370	1370	NS	<5.0	800	4.3	NS	<0.2	41	26	3860	600	260	1200	14	< 0.500
MW079SA	7/20/2005	1440	1440	NS	<5.0	710	4	NS	<0.2	14	12.9	3600	570	580	3200	8.9	< 0.500
MW079SA	8/25/2005	1550	1550	NS	<5.0	710	3.5	NS	<0.2	7	5	3230	345	610	6600	11	1.7
MW080SA	10/11/2004	236	236	NS	<5.0	720	NS	6	NS	500	0.07	NS	13	410	0.38	11	4.8
MW080SA	11/23/2004	228	228	NS	<5.0	980	3.8	3.3	3.6	640	<0.05	2390	8	30	2.1	16	6.2
MW080SA	1/5/2005	251	251	NS	<5.0	760	3.5	3.4	3.7	500	0.08	2100	9	25	12	19	4.4
MW080SA	1/27/2005	277	277	NS	<5.0	680	4	2.5	3.4	500	<0.05	2370	17	33	4	22	1.8
MW080SA	2/16/2005	249	249	NS	<5.0	830	4.2	1.5	1.7	500	0.13	2360	14	42	480	13	2
MW080SA	3/16/2005	242	242	NS	<5.0	710	4.1	1.9	1.9	510	0.12	2110	11	54	80	21	3.4
MW080SA	4/18/2005	226	226	NS	<5.0	700	3.6	3.4	3.4	500	<0.05	1800	33	28	18	21	6.9
MW080SA	6/2/2005	219	219	NS	<5.0	720	3.7	NS	3.4	500	<0.05	2330	25	23	12	17	4.4
MW080SA	6/20/2005	242	242	NS	<5.0	730	4	NS	1.5	600	0.16	2350	31	23	460	19	2.2
MW080SA	7/20/2005	233	233	NS	<5.0	700	3.5	NS	2.8	500	0.1	2200	22	45	3300	18	3.4
MW080SA	8/25/2005	240	240	NS	<5.0	670	3.2	NS	0.7	500	0.8	2180	16	21	630	16	6.7
MW081SA	10/10/2004	584	584	NS	<5.0	950	NS	<0.4	NS	600	7	NS	90	530	1200	10	1.1
MW081SA	11/23/2004	884	884	NS	<5.0	1070	7	<0.4	<0.2	400	41	3850	452	430	6800	18	2.6
MW081SA	1/5/2005	661	661	NS	<5.0	1020	2.3	<0.4	<0.2	500	24	3110	140	420	4700	12	0.29
MW081SA	1/13/2005	513	513	NS	<5.0	1030	6	1.7	1.7	600	4	2960	157	330	1800	12	2.6
MW081SA	1/27/2005	653	653	NS	<5.0	920	3.9	<0.4	<0.2	500	13	3120	41	320	5100	12	0.28
MW081SA	2/16/2005	819	819	NS	<5.0	1060	2.6	0.7	<0.2	400	16	3340	400	580	11000	4.9	< 0.25
MW081SA	3/16/2005	770	770	NS	<5.0	950	3.5	<0.4	<0.2	400	12	2070	110	570	6500	12	2
MW081SA	4/19/2005	767	767	NS	<5.0	920	3.2	<0.4	<0.2	400	5.5	3060	189	420	11000	9.4	1.7
MW081SA	6/2/2005	658	658	NS	<5.0	970	3.7	NS	0.3	500	27	3000	151	230	8900	10	0.8
MW081SA	6/21/2005	611	611	NS	<5.0	1000	3.9	NS	<0.2	500	15	3160	50	190	4900	16	< 0.500
MW081SA	7/20/2005	621	621	NS	<5.0	990	3.6	NS	<0.2	500	11.5	3020	120	310	12000	6.9	0.67
MW081SA	8/25/2005	612	612	NS	<5.0	1010	2.9	NS	<0.2	600	12	3150	59	370	12000	5.8	< 0.500
MW082SA	10/19/2004	1020	1020	<20	<5.0	1280	NS	<2	NS	800	6	NS	8000	760	75	4	0.16
MW082SA	12/8/2004	1050	1050	NS	<5.0	1340	2.8	<2	<2	600	16	8360	5000	690	430	9.9	< 0.25
MW082SA	1/12/2005	682	682	NS	<5.0	1310	3.8	<2	5.5	600	5	4880	60	940	2500	4.7	< 0.25
MW082SA	2/2/2005	1260	1260	NS	<5.0	1230	2.3	<2	<2	300	<1	8270	4000	890	3800	3.8	< 0.25
MW082SA	3/1/2005	1530	1530	NS	<5.0	1170	0.7	<0.4	<0.2	400	20	7310	7000	700	5300	3.1	< 0.25
MW082SA	3/24/2005	1150	1150	NS	<5.0	900	4.4	<0.4	<0.2	400	13	7290	3520	760	1400	7.1	< 0.25
MW082SA	4/27/2005	1090	1090	NS	<5.0	980	0.9	<2	<2	400	21	7340	4070	1100	1800	4.7	< 0.250
MW082SA	5/25/2005	1490	1490	NS	<5.0	1000	2.9	NS	<2	590	13	6950	4440	1000	2000	2.8	< 0.500
MW082SA	6/28/2005	1660	1660	NS	<5.0	990	3	NS	1.9	300	33	6880	3570	290	1200	7.5	< 0.500
MW082SA	7/14/2005	1650	1650	NS	<5.0	910	3.2	NS	<2	300	21	7970	2790	600	6200	3.3	0.51
MW082SA	8/25/2005	1610	1610	NS	<5.0	1030	3	NS	<2	9	18	7050	2680	650	6600	9	1.9
MW083SA	10/19/2004	651	651	<20	<5.0	1560	NS	<2	NS	800	5	NS	6000	740	62	4.7	< 0.47
MW083SA	12/8/2004	1080	1080	NS	<5.0	1640	1	<2	<2	700	11	8840	7000	500	130	9.4	< 0.25
MW083SA	1/13/2005	620	620	NS	<5.0	1420	3.3	5	5	700	4	5090	650	480	600	15	2

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Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
MW083SA	2/2/2005	1210	1210	NS	<5.0	1610	2	<2	<2	300	<1	9800	4000	940	2900	2.6	< 0.25
MW083SA	3/1/2005	2280	2280	NS	<5.0	1720	2.6	<0.4	1	200	9	12200	9000	1000	4800	3	< 0.25
MW083SA	3/24/2005	1350	1350	NS	<5.0	1140	4.4	0.4	<0.2	200	10	7090	3050	860	2800	7.7	0.34
MW083SA	4/27/2005	738	738	NS	<5.0	1100	1.1	<2	<2	400	16	7490	3670	870	1200	9.5	< 0.250
MW083SA	5/25/2005	783	783	NS	<5.0	1080	4.1	NS	<2	600	13	6700	4890	760	1400	9.1	< 0.500
MW083SA	6/28/2005	1000	1000	NS	<5.0	1080	3.6	NS	2	400	11	6510	5340	520	1200	9.7	< 0.500
MW083SA	7/14/2005	1070	1070	NS	<5.0	1080	3.9	NS	<0.2	400	41	7190	3630	780	2900	2.9	< 0.500
MW083SA	8/24/2005	727	727	NS	<5.0	1010	4.1	NS	<0.2	400	15	6620	4660	1000	3900	1.5	< 0.500
MW084SA	10/20/2004	259	259	4	<5.0	1990	NS	11	NS	700	<0.05	NS	12	26	0.64	23	6.6
MW084SA	12/9/2004	254	254	NS	<5.0	2490	2	7.2	7.9	800	<0.05	6020	12	42	0.067	16	4
MW084SA	1/13/2005	282	282	4	<5.0	2320	2	8.9	9.4	800	<0.05	5160	14	34	0.51	12	3.9
MW084SA	2/3/2005	270	270	NS	<5.0	1800		9.8		600	<0.05	NS	14	16	0.95	25	4.9
MW084SA	3/2/2005	267	267	NS	<5.0	1890	3.3	11.5	11.7	700	<0.05	4510	12	30	0.71	18	5.2
MW084SA	3/24/2005	278	278	NS	<5.0	2000	2.8	10.5	9.9	700	<0.05	4670	9	20	3.9	30	5.4
MW084SA	4/27/2005	268	268	NS	<5.0	2330	2	9.5	8.8	700	<0.05	5520	35	51	1.1	17	4.7
MW084SA	5/24/2005	269	269	NS	<5.0	1860	3	NS	11.4	730	<0.05	4510	34	32	0.52	16	4.5
MW084SA	6/28/2005	260	260	NS	<5.0	2220	2.2	NS	11.4	800	<0.05	5090	28	17	2.7	19	2.6
MW084SA	7/18/2005	263	263	NS	<5.0	2070	2.4	NS	10.1	700	<0.05	4870	30	NS	NS	NS	NS
MW084SA	7/19/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	34	2.7	17	4.2
MW084SA	8/24/2005	252	252	NS	<5.0	2400	1.7		8.4	800	<0.05	5590	19	39	1.2	18	5.6
MW085SA	10/20/2004	288	288	5	<5.0	1680		3		700	<0.05		12	53	0.78	18	4.1
MW085SA	12/9/2004	311	311	NS	<5.0	1510	3.3	5.8	6.9	700	<0.05	3820	16	28	0.09	20	3.3
MW085SA	1/13/2005	344	344	NS	<5.0	1600	2.8	6	6.5	700	<0.05	4060	15	22	0.68	21	4
MW085SA	2/2/2005	338	338	NS	<5.0	1520	2.6	3.2	2.9	500	<0.05	4200	15	50	1.8	17	3.9
MW085SA	3/1/2005	292	292	NS	<5.0	1720	2.8	4	3	700	0.06	3930	13	51	3.4	15	3.1
MW085SA	3/24/2005	315	315	NS	<5.0	1350	3.1	4.5	7.9	600	<0.05	3630	10	58	18	18	4.1
MW085SA	4/27/2005	331	331	NS	<5.0	1390	2.9	5.3	6.5	700	<0.05	3750	51	63	26	18	1.7
MW085SA	5/24/2005	330	330	NS	<5.0	1330	3.1	NS	7.1	750	0.05	3690	55	53	270	17	2.5
MW085SA	6/20/2005	316	316	NS	<5.0	1410	3	NS	6.8	800	<0.05	3950	46	44	520	20	2.5
MW085SA	7/18/2005	299	299	NS	<5.0	1610	2.2	NS	3	700	0.13	4030	52	NS	NS	NS	NS
MW085SA	7/19/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	44	220	18	5.1
MW085SA	8/24/2005	311	311	NS	<5.0	1660	1.9	NS	3.2	700	<0.05	4170	22	56	700	19	3.4
MW086SA	9/14/2004	246	246	8	<5.0	2290	NS	10.3	NS	600	0.05	NS	3	40	3	15	2.2
MW086SA	1/13/2005	276	276	NS	<5.0	2300	2.9	10.5	10.5	700	<0.05	4850	11	46	2.3	18	2.3
MW086SA	6/2/2005	247	247	NS	<5.0	1780	2.9	NS	7.6	600	<0.05	4370	30	32	2.8	17	3.1
MW087A	9/14/2004	135	135	7	<5.0	900	NS	8.5	NS	1500	0.06	NS	3	8.6	4	14	4
MW087A	10/5/2004	135	135	NS	<5.0	800	NS	8.1	NS	1300	0.07	NS	5	6.9	6.3	21	3.6
MW087A	11/9/2004	128	128	6	<5.0	1060	5	9.8	10.3	1500	<0.05	4210	8	11	1.2	23	6
MW087A	12/16/2004	214	214	NS	<5.0	1160	5	9.9	11	1600	<0.05	4520	12	27	1.5	19	2.6
MW087A	1/13/2005	299	299	NS	<5.0	1260	4.2	8	8.4	1700	<0.05	4710	13	54	3.1	18	4.4
MW087A	2/8/2005	345	345	NS	<5.0	1220	4.6	1.5	1.4	1500	<0.05	4730	18	62	4.8	19	1.8
MW087A	3/8/2005	436	436	NS	<5.0	1180	4.5	3.2	2.4	1300	<0.05	4610	27	84	24	28	5.4
MW087A	4/6/2005	467	467	NS	<5.0	1150	5.2	2	0.3	1200	<0.05	4510	19	97	8.3	20	4
MW087A	5/11/2005	514	514	NS	<5.0	1150	4.8	<0.4	0.4	1200	0.1	4510	70	79	11	17	1.4
MW087A	6/7/2005	470	470	NS	<5.0	1120	5	NS	0.5	1300	0.48	4380	60	57	52	21	1.2
MW087A	7/6/2005	493	493	NS	<5.0	1140	4.8	NS	<0.2	1100	0.33	4180	86	58	200	24	4.5
MW087A	8/2/2005	473	473	NS	<5.0	1080	4.5	NS	<0.2	1100	<0.05	4090	45	36	130	19	5.1
MW087A	8/4/2005	NS	NS	NS	NS	NS	NS	6.1	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW088M	9/13/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	690	54	6.6	0.3
MW088M	9/18/2004	2720	2720	<20	<5.0	670	NS	<2	NS	700	0.6	NS	6000	NS	NS	NS	NS
MW088M	10/7/2004	4720	4720	NS	<5.0	1180	NS	<2	NS	1200	3	NS	7800	1200	50	4	<0.25
MW088M	11/10/2004	3670	3670	<20	<5.0	1080	1.5	<2	<2	1200	<1	15900	11000	960	40	5.7	< 0.25
MW088M	12/28/2004	3570	3570	NS	<5.0	1220	1.8	NS	<2	1300	1	12000	8000	1000	48	3.6	< 0.25
MW088M	1/19/2005	6910	6910	NS	<5.0	1440	<5	<2	<2	1100	<1	21400	12000	980	48	3.2	< 0.25
MW088M	2/10/2005	5830	5830	NS	<5.0	1300	1	<2	<0.2	1000	1	19900	11	1300	100	2.8	< 0.25

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Table 5
Groundwater Analytical Results
Inorganics (Nonmetals), Total Organic Carbon (TOC), and Gases
ChevronTexaco Eunice #2 (North) Gas Plant
(mg/L unless noted)

Station Name	Sample Collection Date	Alkalinity	Bicarbonate	Bromide	Carbonate (CO3)	Chloride	Fluoride (F)	Nitrate-Nitrite Nitrogen	Nitrogen, Nitrate as N (NO3)	Sulfate	Sulfide, Total	Total Dissolved Solids	Total Organic Carbon	Permanent Gases			
														Carbon Dioxide	Methane (ug/L)	Nitrogen	Oxygen
MW088M	3/10/2005	3580	3580	NS	<5.0	930	1.3	<2	<0.2	800	2	15400	5000	1000	82	4.1	< 0.25
MW088M	4/13/2005	3820	3820	NS	<5.0	930	1.1	<2	<2	800	0.18	16000	12000	990	150	2.4	0.26
MW088M	5/17/2005	5830	5830	NS	<5.0	1230	0.8	<2	<2	800	3	41500	9000	1300	580	10	1.5
MW088M	5/31/2005	870	870	NS	<5.0	670	2.3	NS	4	1000	1.5	4010	711	320	2500	11	< 0.500
MW088M	7/12/2005	6150	6150	NS	<5.0	1140	1	NS	<2	600	4	23700	12000	1100	850	2	< 0.500
MW088M	8/9/2005	6180	6180	NS	<5.0	880	1.3	<2	<2	500	3	21800	10000	1300	1800	3	< 0.500
RowlandWW	1/13/2005	NS	NS	NS	NS	890	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RowlandWW	6/7/2005	NS	NS	NS	NS	840	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RW002	9/15/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8	NS	NS	NS	NS
RW002	9/16/2004	361	361	8	<5.0	1080	NS	7.3	NS	1500	<0.05	NS	4	96	25	13	3.3
RW002	10/6/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	NS	NS	NS	NS
RW002	10/7/2004	515	515	NS	<5.0	1110	NS	4.7	NS	1600	0.06	NS	23	330	770	13	2.4
RW002	11/17/2004	658	658	NS	<5.0	1030	2.2	3.6	4.3	1600	<0.05	4930	22	610	840	10	2.6
RW002	12/20/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	30	NS	NS	NS	NS
RW002	12/29/2004	920	43.1	NS	<5.0	1040	1.8	2.2	2.1	1500	0.21	4960	44	840	380	4.7	0.71
RW002	1/25/2005	875	875	NS	<5.0	1050	1.4	0.7	0.7	1600	<0.05	4640	50	530	20	15	3
RW002	2/9/2005	687	687	NS	<5.0	1000	1.2	1.4	0.5	1500	<0.05	4710	21000	590	34	13	2.7
RW002	3/9/2005	594	594	NS	<5.0	1040	1.5	1.2	0.6	1400	<0.05	4850	32	450	46	14	2
RW002	4/12/2005	569	569	NS	<5.0	1000	1.3	0.5	0.4	1400	0.15	4780	21	490	37	11	1.2
RW002	5/12/2005	588	588	NS	<5.0	1050	1.4	<0.4	<0.2	1500	2.8	4780	171	730	36	8.2	0.64
RW002	6/8/2005	588	588	NS	<5.0	1080	1.8	NS	<0.2	1500	5.9	4630	76	530	17	11	< 0.500
RW002	7/7/2005	669	669	NS	<5.0	1090	2.1	NS	<0.2	1300	14	4640	271	820	32	5.1	< 0.500
RW002	8/8/2005	788	788	NS	<5.0	1020	2.5	<0.4	<0.2	1100	28	4680	220	990	88	4.4	< 0.500
RW003	9/9/2004	539	539	NS	<5.0	540	NS	3.7	NS	900	0.05	NS	8	480	1.1	10	2.9
RW003	10/7/2004	590	590	NS	<5.0	430	NS	4.2	NS	800	0.06	NS	7	770	1.4	7.3	2.4
RW003	11/10/2004	666	666	3	<5.0	480	1	1.6	2.3	800	<0.05	2820	19	740	2.5	5.9	1.2
RW003	12/28/2004	692	692	NS	<5.0	490	1	1.8	1.9	900	<0.05	2760	28	530	2.6	12	2.5
RW003	1/18/2005	915	915	NS	<5.0	510	1.1	1.4	1.4	800	0.22	2960	70	790	5.7	13	3.8
RW003	2/10/2005	1330	1330	NS	<5.0	550	1.6	<0.4	<0.2	600	2.5	3340	18	970	4.3	5.8	0.29
RW003	3/10/2005	1110	1110	NS	<5.0	430	1.5	<0.4	<0.2	400	5.2	2930	330	790	910	9.2	0.41
RW003	4/13/2005	1240	1240	NS	<5.0	390	1.2	0.4	<0.2	300	4.3	2760	343	470	2600	15	2.3
RW003	5/18/2005	1430	1430	NS	<5.0	430	1.5	<0.4	<0.2	150	34	2720	375	530	5400	7.3	< 0.500
RW003	6/14/2005	1420	1420	NS	<5.0	460	1.6	NS	<0.2	200	34	2620	262	280	1900	16	1.3
RW003	7/12/2005	1330	1330	NS	<5.0	430	1.4	NS	<0.2	81	31	2580	267	NS	NS	NS	NS
RW003	7/19/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	430	5100	6	< 0.500
RW003	8/10/2005	1320	1320	NS	<5.0	430	1.4	<0.4	<0.2	200	13	2490	300	640	7000	9.3	1.4
RW004A	9/16/2004	<5.0	<5.0	<20	<5.0	1240	NS	<2	NS	800	<1	NS	24000	900	240	1.4	< 0.25
RW004A	10/5/2004	<5.0	<5.0	NS	<5.0	1740	NS	<2	NS	1100	3	NS	39000	1200	850	1.9	<0.25
RW004A	11/9/2004	<5.0	<5.0	<20	<5.0	1170	0.8	19	18	800	<1	34000	37000	1300	1000	0.95	< 0.25
RW004A	11/15/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	68	NS	NS	NS	NS
RW004A	12/20/2004	<5.0	<5.0	NS	<5.0	1140	NS	<0.4	NS	730	1	NS	23000	1100	980	< 0.40	< 0.25
RW004A	1/18/2005	<5.0	<5.0	NS	<5.0	390	NS	4	NS	300	1	NS	33000	1000	480	2.9	< 0.25
RW004A	2/14/2005	<5.0	<5.0	NS	<5.0	260	NS	<2	NS	200	<1	NS	21000	1000	140	2.1	< 0.25
RW004A	3/8/2005	<5.0	<5.0	NS	<5.0	220	NS	<2	NS	220	<1	NS	27000	940	310	2.9	< 0.25
RW004A	4/11/2005	<5.0	<5.0	NS	<5.0	410	NS	5	NS	300	<1	NS	32000	1100	330	1.9	< 0.250
RW004A	5/12/2005	<5.0	<5.0	NS	<5.0	640	NS	3	NS	300	<1	NS	47000	1200	250	0.9	< 0.500
RW004A	6/8/2005	<5.0	<5.0	NS	<5.0	400	NS	NS	NS	400	<1	NS	30000	710	780	< 0.400	< 0.500
RW004A	7/7/2005	<5.0	<5.0	NS	<5.0	440	NS	NS	NS	300	<1	NS	23000	900	120	2.6	< 0.500
RW004A	8/4/2005	<5.0	<5.0	NS	<5.0	200	NS	<2	NS	200	<1	NS	24000	980	210	2.9	< 0.500
WoodellWW	12/21/2004	NS	NS	NS	NS	690	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WoodellWW	5/25/2005	NS	NS	NS	NS	540	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
NS- Not Sampled
EP - Eunice Plant
GOP - Gulf Oil Corp.
WW - Water Well
MW - Monitoring Well
RW - Recovery Well
IW - Injection Well
No Suffix - Shallow/Middle Monitoring Well Completion (MW069)
A - Deep Monitoring Well Completion (MW070A)
M - Middle Monitoring Well Completion (MW008M)
SA - Shallow/Deep, Fully-Penetrating, Monitoring Well Completion (MW071SA)
<0.05 concentration reported at less than laboratory quantitation limit, the numeral (0.05) indicates the lowest quantitation limit available.

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
EPWW1	6/9/2005	24.10	6.92	3.51	NM	NM	1.40	0.00
EPWW1	12/5/2005	18.70	6.96	3.43	2.66	246	NM	NM
GOPWW2	12/14/2004	20.04	7.85	2.36	0.29	-159	NM	NM
GOPWW2	6/1/2005	20.00	7.52	2.75	NM	NM	2.60	0.00
IW001	9/15/2004	23.66	3.83	11.65	0.70	121	3.20	0.00
IW001	10/6/2004	20.25	3.18	9.77	0.41	-94	4.00	0.00
IW001	11/15/2004	14.15	3.79	8.31	0.51	71	9.20	0.00
IW001	12/28/2004	15.73	4.03	11.16	0.27	41	5.20	0.00
IW001	1/15/2005	14.15	3.79	8.31	0.51	71	9.20	0.00
IW001	1/26/2005	15.69	3.55	3.54	1.84	88	3.20	0.00
IW001	2/9/2005	16.44	3.43	3.48	0.73	109	6.20	0.00
IW001	3/10/2005	21.86	5.38	4.06	0.27	76	1.80	0.00
IW001	4/12/2005	21.31	4.90	4.07	0.44	43	0.00	0.00
IW001	5/12/2005	23.25	3.96	4.31	0.68	136	0.00	0.00
IW001	6/9/2005	24.86	4.01	5.81	0.50	138	13.00	0.00
IW001	6/9/2005	24.86	4.01	5.81	0.50	138	2.60	0.00
IW001	7/7/2005	26.40	3.27	4.90	0.14	-237	5.00	0.00
IW001	8/10/2005	23.92	3.43	4.90	9.49	-58	4.00	0.00
IW001	9/16/2005	22.83	5.87	1.00	0.31	197	0.20	0.00
IW001	9/29/2005	20.12	3.44	1.33	0.28	153	NM	NM
IW002	9/9/2004	30.83	4.48	7.63	0.04	-90	8.20	0.00
IW002	10/7/2004	NM	NM	NM	NM	NM	9.40	0.00
IW002	11/11/2004	17.33	3.66	8.74	0.51	-11	4.80	0.00
IW002	12/29/2004	8.00	4.00	13.94	0.76	-211	8.20	0.00
IW002	1/19/2005	21.44	3.65	3.43	0.37	-12	78.00	0.00
IW002	1/19/2005	21.44	3.65	3.43	0.37	-12	7.80	0.00
IW002	2/10/2005	13.59	3.53	3.15	0.33	189	2.20	0.00
IW002	3/15/2005	15.66	5.26	3.79	0.91	-13	4.00	0.00
IW002	4/14/2005	19.31	4.56	3.58	0.47	61	2.70	0.00
IW002	5/12/2005	26.45	3.46	4.42	0.24	-30	5.60	0.00
IW002	6/15/2005	27.45	4.07	5.00	0.58	129	26.00	0.00
IW002	6/15/2005	27.43	4.07	5.55	0.58	129	5.20	0.00
IW002	7/12/2005	23.55	3.27	4.10	0.25	-188	4.00	0.00
IW002	8/10/2005	26.32	3.36	4.49	11.63	-52	9.00	0.25
IW002	9/20/2005	34.09	5.07	1.06	0.25	139	1.00	0.00
IW003	9/28/2004	19.61	4.79	21.40	0.14	-340	2.60	0.00
IW003	1/6/2005	18.04	5.17	10.30	0.35	170	38.00	0.00
IW003	1/6/2005	18.04	5.15	10.30	0.35	170	4.30	0.00
IW003	1/27/2005	16.34	4.80	6.94	0.38	-129	0.00	0.00
IW003	2/21/2005	21.16	4.92	8.28	0.40	-37	NM	NM
IW003	3/17/2005	19.58	5.53	8.32	0.49	-169	3.20	0.00
IW003	4/19/2005	25.30	5.10	8.71	0.44	-62	2.20	0.00
IW003	6/1/2005	27.32	4.90	9.30	1.20	-58	2.40	0.00
IW003	6/21/2005	27.46	4.84	8.18	0.60	-91	12.00	0.00
IW003	6/21/2005	27.46	4.84	8.18	0.60	-91	2.40	0.00
IW003	7/21/2005	22.55	5.08	7.97	0.62	-332	4.00	0.00
IW003	8/16/2005	21.50	4.56	6.79	0.47	-282	2.00	0.00
IW003	9/26/2005	23.02	4.56	6.04	0.47	276	1.60	0.00
IW004	9/28/2004	20.55	4.36	19.10	0.34	-315	2.00	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
IW004	1/6/2005	12.32	4.33	6.60	0.70	-198	21.50	0.00
IW004	1/6/2005	17.32	4.33	6.60	0.70	-198	7.60	0.00
IW004	1/27/2005	17.61	4.03	4.37	0.74	-22	0.00	0.00
IW004	2/22/2005	14.20	4.05	4.77	2.19	192	NM	NM
IW004	3/21/2005	20.87	5.32	5.58	1.01	18	1.40	0.00
IW004	4/19/2005	25.26	4.03	6.00	0.42	-14	0.00	0.00
IW004	6/1/2005	23.67	4.17	7.09	2.79	35	1.80	0.00
IW004	6/21/2005	28.57	3.89	5.30	0.64	-41	10.00	0.00
IW004	6/21/2005	28.57	3.89	5.30	0.64	-41	2.00	0.00
IW004	7/21/2005	22.83	3.96	5.96	0.57	-318	6.00	0.00
IW004	8/16/2005	22.83	3.96	5.96	0.57	-318	6.00	0.00
IW005	9/22/2004	27.28	3.84	17.50	0.46	198	0.00	0.00
IW005	12/1/2004	20.18	3.87	8.51	0.71	-299	8.00	1.80
IW005	1/6/2005	18.02	3.90	5.82	0.92	-88	41.00	16.70
IW005	1/6/2005	18.02	3.90	5.82	0.91	-89	8.20	2.00
IW005	1/27/2005	17.20	4.08	2.74	0.32	-94	0.00	0.00
IW005	2/22/2005	17.54	3.86	4.37	1.31	188	6.40	0.00
IW005	3/21/2005	20.00	5.23	4.40	1.01	140	1.80	0.00
IW005	4/20/2005	21.41	3.94	3.73	0.55	87	2.20	0.00
IW005	6/1/2005	20.11	3.69	5.31	3.17	181	2.20	0.00
IW005	6/22/2005	23.83	3.60	4.35	0.84	81	9.00	0.00
IW005	6/22/2005	23.83	3.60	4.35	0.84	81	1.80	0.00
IW005	7/13/2005	22.17	3.53	4.36	0.22	-187	0.00	0.00
IW005	8/16/2005	21.67	3.59	6.15	0.90	-295	3.00	0.00
IW006	9/22/2004	26.46	3.91	17.20	0.50	35	5.00	0.00
IW006	12/1/2004	19.77	3.69	12.07	0.68	-240	8.20	0.00
IW006	1/10/2005	18.37	4.32	7.63	1.45	-70	41.00	0.00
IW006	1/10/2005	18.37	4.31	7.63	1.45	-70	8.20	0.00
IW006	1/31/2005	17.02	4.05	6.05	0.53	-30	2.00	0.00
IW006	2/22/2005	19.42	4.42	6.31	0.61	-101	7.60	8.00
IW006	3/22/2005	19.86	5.25	7.16	1.27	19	2.00	0.00
IW006	4/20/2005	24.24	4.07	5.86	0.63	40	2.00	0.00
IW006	5/31/2005	22.89	4.17	7.12	1.80	35	NM	NM
IW006	6/22/2005	24.19	4.19	6.20	0.80	8	2.00	0.00
IW006	6/27/2005	24.19	4.19	6.20	0.80	8	10.00	0.00
IW006	7/13/2005	21.81	4.05	6.18	0.28	-305	0.00	10.00
IW006	8/16/2005	23.15	3.97	5.33	0.90	-234	1.40	0.00
IW007	9/22/2004	24.50	3.94	19.80	0.27	31	6.00	0.00
IW007	12/2/2004	20.35	4.38	11.52	0.36	-340	6.80	0.00
IW007	1/10/2005	20.30	4.11	6.05	0.84	-191	34.00	0.00
IW007	1/10/2005	20.30	3.94	6.05	0.84	-191	6.80	0.00
IW007	1/31/2005	17.75	4.10	5.04	0.54	-63	1.40	0.00
IW007	2/22/2005	21.21	4.41	5.72	1.14	-89	5.80	0.00
IW007	4/20/2005	23.46	4.17	5.23	1.24	-3	1.80	0.00
IW007	4/20/2005	23.46	4.17	5.23	1.24	-3	1.80	0.00
IW007	5/31/2005	23.22	4.11	6.12	1.32	21	2.20	0.00
IW007	6/22/2005	24.17	4.08	5.47	1.19	42	12.00	0.00
IW007	6/22/2005	24.17	4.08	5.47	1.19	42	2.40	0.00
IW007	7/13/2005	23.03	3.81	5.23	0.49	-273	3.00	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
IW007	8/17/2005	22.05	3.78	4.74	1.16	-126	4.00	0.00
IW008	9/23/2004	26.55	3.92	15.20	0.50	198	7.00	0.00
IW008	12/2/2004	21.15	3.97	7.75	0.40	-375	9.40	0.00
IW008	1/11/2005	18.83	4.48	5.38	0.81	-211	47.00	0.00
IW008	1/11/2005	18.83	4.48	5.38	0.81	-211	9.40	0.00
IW008	2/2/2005	13.71	4.18	4.06	0.33	-54	4.20	0.00
IW008	2/23/2005	21.23	3.86	3.74	1.48	68	6.80	0.00
IW008	3/27/2005	20.91	4.66	3.73	1.21	82	2.00	0.00
IW008	4/25/2005	18.74	4.25	3.87	0.70	59	2.60	0.00
IW008	5/31/2005	23.47	3.48	3.48	1.43	192	1.80	0.00
IW008	6/22/2005	24.69	3.62	3.44	1.42	77	15.00	0.00
IW008	6/22/2005	24.69	3.62	3.44	1.42	77	3.00	0.00
IW008	7/13/2005	22.69	3.44	4.46	0.62	-239	3.00	0.00
IW008	8/17/2005	22.43	3.63	5.64	1.77	-199	4.00	0.00
IW009	9/23/2004	28.35	4.02	18.20	0.22	96	0.00	0.00
IW009	12/6/2004	11.28	4.22	13.99	0.62	94	8.60	0.00
IW009	1/11/2005	20.57	4.05	7.16	1.06	-135	34.00	0.00
IW009	1/11/2005	20.57	4.05	7.16	1.06	-135	6.80	0.00
IW009	2/2/2005	11.93	4.31	7.44	0.33	-20	2.00	0.00
IW009	2/23/2005	23.31	4.34	6.03	1.15	-31	6.40	8.00
IW009	3/23/2005	20.95	4.09	7.71	1.10	-60	1.20	0.00
IW009	4/25/2005	20.20	4.74	6.30	0.36	33	0.00	0.00
IW009	5/31/2005	20.98	4.31	7.37	0.81	76	2.00	0.00
IW009	6/22/2005	23.14	4.37	7.10	0.97	20	2.00	0.00
IW009	6/23/2005	23.14	4.37	7.10	0.97	20	10.00	0.00
IW009	7/13/2005	23.53	7.14	6.21	0.22	77	4.00	0.00
IW009	8/17/2005	22.33	3.64	5.80	0.90	-210	4.00	0.00
IW010	9/23/2004	28.28	4.53	22.80	0.20	64	8.50	0.00
IW010	12/7/2004	14.31	4.67	16.30	0.32	-4	8.00	0.00
IW010	1/11/2005	20.06	5.01	12.43	0.78	-280	37.00	0.00
IW010	1/11/2005	20.66	5.01	12.43	0.78	-280	7.40	0.00
IW010	2/2/2005	13.94	4.95	14.42	0.27	-76	2.60	0.00
IW010	2/24/2005	12.03	5.12	12.38	1.55	-1	5.40	0.00
IW010	3/23/2005	25.50	4.50	12.58	0.84	-139	2.00	0.00
IW010	4/25/2005	21.57	4.85	11.19	0.33	-140	0.00	0.00
IW010	5/31/2005	21.94	5.01	11.85	0.21	-68	2.40	0.00
IW010	6/23/2005	25.04	5.09	12.30	0.67	-63	9.00	0.00
IW010	6/23/2005	25.04	5.09	12.30	0.67	-63	1.80	0.00
IW010	7/13/2005	23.62	8.93	9.95	0.11	-146	3.00	0.00
IW010	8/17/2005	23.33	7.74	9.63	1.98	-175	6.00	0.00
IW011	9/1/2004	21.19	4.61	11.75	0.60	-317	6.00	0.00
IW011	9/23/2004	26.96	4.63	19.20	0.24	115	8.00	0.00
IW011	12/7/2004	15.22	4.05	14.00	0.37	-132	6.40	0.00
IW011	1/12/2005	17.33	3.87	5.84	1.53	60	34.00	0.00
IW011	1/12/2005	17.33	3.87	5.84	1.53	60	6.80	0.00
IW011	2/2/2005	15.13	3.98	5.52	0.23	16	2.40	0.00
IW011	2/24/2005	10.72	4.07	5.35	3.29	56	7.00	0.00
IW011	3/23/2005	22.78	3.29	5.62	1.53	-8	2.40	0.00
IW011	4/26/2005	20.13	4.56	4.68	0.35	-88	2.80	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
IW011	5/26/2005	23.76	4.05	6.10	1.29	91	2.10	0.00
IW011	6/23/2005	25.29	3.94	4.97	1.16	3	10.00	0.00
IW011	6/23/2005	25.29	3.94	4.97	1.16	3	2.00	0.00
IW011	7/14/2005	21.96	3.69	4.93	0.31	-161	2.60	0.00
IW011	8/18/2005	23.98	3.86	5.40	0.66	22	8.00	0.00
IW012	9/1/2004	21.84	4.07	18.10	0.57	-187	6.60	0.00
IW012	9/23/2004	24.63	3.95	18.10	0.23	129	2.60	0.00
IW012	1/12/2005	17.89	4.46	6.98	1.89	143	37.00	0.00
IW012	1/12/2005	17.72	4.47	6.92	2.12	181	7.40	0.00
IW012	2/3/2005	16.24	3.99	6.01	0.39	-51	2.00	0.00
IW012	3/30/2005	21.76	4.95	6.67	1.87	55	3.40	0.00
IW012	4/26/2005	DRY						
IW012	5/26/2005	19.68	3.96	6.17	1.24	161	1.80	0.00
IW012	6/23/2005	25.39	3.98	6.17	1.77	-7	9.00	0.00
IW012	6/23/2005	25.39	3.98	6.17	1.77	-7	1.80	0.00
IW012	7/14/2005	22.85	3.85	5.51	0.22	-211	3.00	0.00
IW012	8/18/2005	24.05	3.81	5.31	1.95	-194	6.00	0.00
IW013	9/1/2004	23.58	4.03	11.82	0.51	-78	3.40	0.00
IW013	9/24/2004	23.07	4.39	20.40	0.50	328	8.60	0.00
IW013	12/7/2004	19.26	4.19	14.32	0.37	-213	7.40	0.00
IW013	1/12/2005	18.23	4.26	8.94	1.47	136	31.00	0.00
IW013	1/12/2005	18.23	4.26	8.92	1.37	125	6.20	0.00
IW013	2/3/2005	17.01	4.06	5.89	0.77	61	5.20	0.00
IW013	2/24/2005	14.49	4.14	6.44	1.75	89	8.20	0.00
IW013	3/24/2005	19.81	3.74	6.12	0.41	174	2.20	0.00
IW013	4/26/2005	26.81	4.02	5.73	1.03	128	2.20	0.00
IW013	5/25/2005	24.45	3.80	6.76	0.34	157	NM	NM
IW013	6/23/2005	23.34	3.92	6.91	1.21	-68	11.00	0.00
IW013	6/23/2005	23.34	3.92	6.91	1.21	-68	2.20	0.00
IW013	7/14/2005	24.28	3.89	6.22	0.65	-82	3.00	0.00
IW013	8/23/2005	NM	NM	NM	NM	NM	6.00	0.00
IW014	9/1/2004	22.51	4.61	8.78	0.71	-209	4.80	0.00
IW014	9/24/2004	24.27	3.97	20.30	0.29	243	1.20	0.00
IW014	12/7/2004	19.51	3.60	11.88	0.47	-72	6.20	0.00
IW014	1/13/2005	17.27	3.40	5.47	1.56	-14	26.00	0.00
IW014	1/13/2005	17.27	3.40	5.47	1.56	-14	5.20	0.00
IW014	2/3/2005	16.07	3.99	5.23	0.86	79	4.80	0.00
IW014	2/24/2005	16.43	4.17	5.49	0.91	118	8.40	0.00
IW014	3/24/2005	20.07	3.89	4.89	0.77	-102	3.80	0.00
IW014	4/26/2005	24.07	3.92	4.69	1.29	214	3.20	0.00
IW014	5/25/2005	22.00	4.07	6.30	0.24	37	1.20	0.00
IW014	6/28/2005	22.74	4.00	6.72	1.21	205	11.00	0.00
IW014	6/28/2005	22.74	4.00	6.72	1.21	205	2.20	0.00
IW014	7/14/2005	22.18	3.84	5.53	1.37	-306	3.00	0.00
IW014	8/23/2005	22.64	3.63	6.47	1.16	-134	4.60	0.00
IW015	9/28/2004	20.07	4.72	23.30	0.15	-330	1.80	0.00
IW015	1/5/2005	17.63	5.30	11.93	0.42	-212	43.00	0.00
IW015	1/5/2005	17.63	5.30	11.93	0.42	-212	8.60	0.00
IW015	2/21/2005	19.65	4.91	9.69	1.03	113	5.80	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
IW015	3/17/2005	13.61	5.93	8.99	0.64	-32	4.80	0.00
IW015	4/19/2005	22.90	4.90	8.57	0.48	-87	2.40	0.00
IW015	6/1/2005	24.05	4.96	9.76	1.03	-59	2.00	0.00
IW015	6/21/2005	27.73	4.66	9.11	0.54	47	11.00	0.00
IW015	6/21/2005	27.73	4.66	9.11	0.54	47	2.20	0.00
IW015	7/21/2005	23.17	4.62	10.63	0.57	-210	4.00	0.00
IW015	8/23/2005	23.25	4.62	9.58	0.88	-119	5.20	0.00
IW015	9/26/2005	26.87	4.83	9.52	0.51	261	1.80	0.00
IW016	9/27/2004	23.57	4.39	22.90	1.11	214	0.60	0.00
IW016	11/22/2004	19.55	4.22	14.49	0.29	-144	6.80	0.00
IW016	1/4/2005	20.38	4.03	8.48	0.37	-182	36.00	0.00
IW016	1/4/2005	20.38	4.63	8.48	0.37	-182	7.20	0.00
IW016	1/27/2005	13.29	4.50	6.51	0.44	-23	6.60	0.00
IW016	2/16/2005	14.31	4.27	6.46	0.73	92	4.90	0.00
IW016	3/15/2005	15.75	5.48	0.02	6.67	84	3.00	0.00
IW016	4/19/2005	20.88	4.69	7.11	0.34	-56	4.90	0.00
IW016	6/1/2005	24.82	4.41	9.28	0.98	-26	2.60	0.00
IW016	6/22/2005	24.16	4.32	7.96	0.34	99	14.00	0.00
IW016	6/22/2005	24.10	4.32	7.96	0.34	99	2.80	0.00
IW016	7/20/2005	23.32	4.35	6.96	0.28	-299	3.00	0.25
IW016	8/23/2005	23.38	4.13	7.25	0.65	-29	4.00	1.00
IW016	9/26/2005	24.75	4.19	6.41	0.39	282	1.60	0.00
LordWW	12/21/2004	19.72	6.43	4.28	4.15	225	NM	NM
LordWW	6/7/2005	20.80	7.06	4.11	NM	NM	2.40	0.00
MW001	1/12/2005	21.54	6.92	2.29	1.19	37	3.40	0.00
MW001	5/26/2005	22.10	6.94	2.41	NM	NM	3.20	0.00
MW002	1/4/2005	21.12	6.93	2.78	3.56	184	0.00	0.00
MW002	6/2/2005	21.60	7.27	2.16	NM	NM	0.00	0.00
MW002A	1/4/2005	21.22	7.15	2.58	1.65	140	NM	NM
MW002A	6/6/2005	21.20	7.44	1.97	NM	NM	0.00	0.00
MW003	1/6/2005	19.38	6.89	3.84	19.99	158	NM	NM
MW003	6/3/2005	19.90	7.35	2.91	NM	NM	0.00	0.00
MW004	1/4/2005	20.63	6.57	3.67	19.99	90	NM	NM
MW004	6/6/2005	22.60	6.81	3.18	NM	NM	0.00	0.00
MW004A	1/4/2005	20.90	7.19	1.98	19.99	56	NM	NM
MW004A	6/6/2005	22.30	7.69	2.25	NM	NM	0.00	0.00
MW005	6/28/2005	22.50	6.90	4.52	0.20	-148	NM	NM
MW007	1/4/2005	19.13	7.21	2.21	7.20	213	NM	NM
MW007	6/3/2005	20.80	7.42	1.76	NM	NM	0.00	0.00
MW007A	1/10/2005	19.79	7.31	2.25	17.40	97	NM	NM
MW007A	6/3/2005	21.20	7.60	1.49	NM	NM	0.00	0.00
MW008	9/16/2004	22.65	6.85	7.45	1.39	305	0.00	0.00
MW008	10/4/2004	20.37	7.06	6.26	1.36	437	0.00	0.00
MW008	11/8/2004	21.12	7.31	4.86	0.81	201	0.00	0.00
MW008	12/16/2004	17.25	6.84	5.94	1.97	358	0.00	0.00
MW008	1/13/2005	18.57	6.39	3.94	1.50	101.1	0.08	0.00
MW008	1/13/2005	13.57	6.39	3.94	1.50	101	0.08	0.00
MW008	2/8/2005	15.42	6.81	5.21	0.60	330	0.00	0.00
MW008	3/8/2005	19.31	6.36	3.54	0.37	51	0.00	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW008	4/6/2005	18.79	7.39	3.55	0.71	53	0.00	0.00
MW008	5/11/2005	20.07	5.91	3.66	0.33	-10	2.00	1.45
MW008	6/7/2005	24.43	6.49	4.94	0.43	-67	1.20	0.00
MW008	6/7/2005	24.43	6.49	4.94	0.43	-67	1.20	0.00
MW008	7/6/2005	21.47	6.22	5.51	0.71	-99	3.00	1.00
MW008	8/2/2005	21.60	7.64	4.19	0.75	-151	2.60	0.00
MW008	9/7/2005	19.54	6.28	5.42	0.19	-204	NM	NM
MW008	9/15/2005	25.87	6.24	4.82	0.81	175	1.80	0.00
MW008	9/28/2005	25.05	5.98	4.51	7.99	176	NM	NM
MW008A	9/16/2004	22.31	6.42	6.81	0.29	285	0.00	0.00
MW008A	10/4/2004	21.08	6.65	6.81	0.37	386		
MW008A	11/8/2004	21.28	6.43	5.44	0.44	255	0.10	0.00
MW008A	12/16/2004	15.01	6.24	5.72	0.29	392	0.00	0.00
MW008A	1/6/2005	16.21	6.12	5.98	1.57	120.3	0.00	0.00
MW008A	1/6/2005	16.21	6.12	5.98	1.57	120	0.00	0.00
MW008A	2/7/2005	18.02	6.40	4.81	0.53	363	0.00	0.00
MW008A	3/8/2005	19.58	6.38	4.54	2.84	196	0.00	0.00
MW008A	4/6/2005	17.28	7.37	4.68	0.46	-3	0.00	0.00
MW008A	5/10/2005	24.06	5.97	4.55	0.17	-94	1.00	1.10
MW008A	6/7/2005	23.38	6.10	5.64	0.17	-107	1.00	1.95
MW008A	6/7/2005	23.38	6.10	5.64	0.17	-107	1.00	1.95
MW008A	7/6/2005	27.65	5.97	5.53	0.89	-126	1.00	2.25
MW008A	8/2/2005	28.12	9.67	4.98	0.08	-272	0.00	2.05
MW008A	9/7/2005	24.36	6.16	4.64	0.23	-69	0.40	1.20
MW008A	9/15/2005	28.62	6.22	4.55	0.25	-74	NM	NM
MW008A	9/28/2005	22.39	6.10	4.45	0.69	47	NM	NM
MW008M	9/16/2004	25.02	6.91	8.14	1.06	45	0.30	1.90
MW008M	10/4/2004	23.69	6.95	8.55	0.14	31		
MW008M	11/9/2004	18.99	6.66	5.94	0.17	-359	2.20	0.60
MW008M	12/16/2004	17.45	6.44	7.10	0.18	-81	1.40	1.70
MW008M	1/13/2005	15.93	6.83	7.57	0.95	40	5.50	2.25
MW008M	1/17/2005	15.93	6.85	7.57	0.95	40	25.00	7.08
MW008M	2/8/2005	14.19	6.75	7.27	0.78	144	6.00	0.55
MW008M	3/8/2005	18.57	6.71	5.69	0.99	-98	3.00	0.15
MW008M	4/6/2005	20.74	7.90	5.90	0.48	-93	0.00	0.00
MW008M	5/11/2005	24.65	6.08	5.51	6.09	-146	0.80	1.10
MW008M	6/7/2005	28.66	6.55	7.00	0.15	-156	0.30	1.55
MW008M	6/7/2005	28.66	6.55	7.00	0.15	-156	0.30	1.55
MW008M	7/6/2005	23.56	6.45	6.96	0.04	-186	0.00	2.25
MW008M	8/2/2005	26.70	9.20	5.96	0.27	-279	0.00	2.15
MW008M	9/7/2005	21.03	6.96	4.68	0.31	84	1.80	1.60
MW008M	9/15/2005	22.77	6.18	5.43	0.16	57	0.80	0.00
MW008M	9/28/2005	24.75	5.84	5.50	2.95	137	NM	NM
MW009	1/4/2005	20.09	6.70	2.86	19.99	79	NM	NM
MW009	6/6/2005	20.20	7.24	2.44	NM	NM	0.00	0.00
MW009A	1/11/2005	20.16	6.80	3.47	18.30	152	NM	NM
MW009A	6/6/2005	20.00	7.12	3.59	NM	NM	0.00	0.00
MW010	1/3/2005	20.51	6.20	5.61	5.20	192	NM	NM
MW010	6/6/2005	20.30	6.88	6.55	NM	NM	0.00	0.00

Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

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Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW011	9/15/2004	21.04	7.48	6.95	1.08	252	0.00	0.00
MW011	10/6/2004	20.12	7.45	6.73	0.89	-91	NM	NM
MW011	11/16/2004	19.78	7.17	4.70	2.35	24	0.00	0.00
MW011	12/20/2004	19.46	7.01	7.24	0.54	296	0.00	0.00
MW011	12/29/2004	20.53	5.29	7.50	0.43	-194	>10.0	1.50
MW011	1/25/2005	17.16	6.70	4.43	2.41	258	0.00	0.00
MW011	2/8/2005	17.71	6.77	5.65	2.21	332	0.00	0.00
MW011	3/9/2005	18.60	6.84	4.64	2.47	222	0.00	0.00
MW011	4/12/2005	18.14	6.67	5.14	1.91	287	0.00	0.00
MW011	5/12/2005	19.85	6.04	5.21	2.27	341	0.00	0.00
MW011	6/8/2005	21.08	6.87	6.79	1.54	231	0.00	0.00
MW011	6/8/2005	21.08	6.87	6.79	1.54	231	0.00	0.00
MW011	7/11/2005	21.59	1.49	6.37	2.25	308	0.00	0.00
MW011	8/4/2005	23.50	5.98	5.94	2.80	16	0.00	0.00
MW011	9/5/2005	18.24	6.87	6.95	2.37	-400	NM	NM
MW011	9/15/2005	20.37	6.52	5.50	2.19	270	0.00	0.00
MW011	9/28/2005	23.48	6.49	5.85	4.49	223	NM	NM
MW011A	9/15/2004	20.49	7.44	5.69	1.84	278	0.00	0.00
MW011A	10/6/2004	20.21	6.68	9.05	0.21	-385		
MW011A	12/20/2004	19.79	7.07	7.72	0.64	272	0.00	0.00
MW011A	12/29/2004	20.26	6.47	3.18	2.86	200	0.00	0.00
MW011A	1/19/2005	20.62	7.23	4.54	4.94	297	0.60	0.00
MW011A	1/25/2005	14.61	6.91	4.35	2.69	285	0.60	0.00
MW011A	2/8/2005	19.05	7.07	5.39	2.01	351	0.20	0.00
MW011A	3/9/2005	16.74	7.17	5.11	0.96	203	0.10	0.00
MW011A	4/11/2005	21.07	7.22	5.35	0.68	259	0.00	0.00
MW011A	5/11/2005	23.04	6.31	5.08	0.31	240	0.00	0.00
MW011A	6/8/2005	20.42	7.20	6.72	0.63	211	NM	NM
MW011A	6/8/2005	20.42	7.20	6.72	0.63	211	0.00	0.00
MW011A	7/11/2005	21.74	2.25	6.05	0.19	287	0.00	0.00
MW011A	8/4/2005	26.99	6.30	5.49	1.38	-9	0.00	0.00
MW011A	9/7/2005	19.71	7.44	6.11	0.00	117	NM	NM
MW011A	9/16/2005	20.25	7.01	5.54	0.54	254	NM	NM
MW011A	9/28/2005	31.26	7.21	5.11	8.21	240	NM	NM
MW011AL	8/11/2004	21.69	7.64	8.37	5.57	160	0.10	0.00
MW011AL	9/15/2004	20.06	7.44	7.89	0.29	231	0.00	0.00
MW011AL	10/5/2004	20.60	7.41	6.83	0.64	-54	0.00	0.00
MW011AL	11/11/2004	13.07	7.26	5.25	1.26	147	0.00	0.00
MW011L	8/11/2004	23.16	7.41	7.78	1.42	133	0.10	0.00
MW011L	9/14/2004	21.41	7.54	6.96	0.75	227	0.00	0.00
MW011L	10/5/2004	22.23	7.52	6.95	1.60	-70	0.00	0.00
MW011L	11/11/2004	16.98	7.38	4.64	1.44	204	0.00	0.00
MW011M	9/15/2004	20.94	6.67	9.43	0.08	-75	0.20	0.80
MW011M	11/16/2004	19.96	6.50	7.30	0.28	-378	0.30	0.00
MW011M	12/20/2004	21.07	6.58	9.90	0.12	-106	0.00	17.91
MW011M	12/20/2004	21.07	6.58	9.90	0.12	-106	0.00	2.15
MW011M	1/25/2005	19.00	6.43	7.47	0.28	-120	0.60	1.90
MW011M	2/9/2005	8.53	6.50	9.22	8.68	-76	0.20	1.95
MW011M	3/9/2005	20.23	6.73	7.80	0.11	-216	0.30	1.15

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW011M	4/12/2005	21.72	6.76	6.16	0.36	13	1.20	0.45
MW011M	5/12/2005	21.19	6.07	7.13	0.38	50	2.20	1.20
MW011M	6/8/2005	24.13	6.89	8.83	0.16	-51	1.20	1.70
MW011M	6/8/2005	24.13	6.89	8.83	0.16	-51	1.20	1.70
MW011M	7/11/2005	25.31	6.70	8.39	0.18	-274	1.60	1.00
MW011M	8/8/2005	22.59	8.36	6.95	0.11	-133	2.00	0.00
MW011M	9/1/2005	28.17	6.81	7.63	0.61	142	0.00	0.00
MW011M	9/16/2005	20.28	6.77	6.59	0.67	62	0.00	1.80
MW011M	9/28/2005	27.45	6.74	7.08	0.22	81	NM	NM
MW011ML	8/11/2004	24.12	7.12	10.17	0.37	-272	0.20	0.00
MW011ML	9/14/2004	29.27	7.27	8.66	0.33	-28	0.00	0.00
MW011ML	10/5/2004	21.41	7.15	8.80	1.16	-268	0.20	0.40
MW011ML	11/11/2004	18.28	6.73	7.56	0.40	-227	0.30	0.15
MW012	9/9/2004	16.44	6.95	5.07	3.88	59.05	0.00	0.00
MW012	10/6/2004	19.39	7.56	3.78	2.46	-49	0.00	0.00
MW012	11/10/2004	18.24	7.70	2.94	1.98	205	0.00	0.00
MW012	11/16/2004	19.94	7.39	3.69	2.54	106	0.00	0.00
MW012	12/28/2004	15.80	7.06	4.35	1.70	157	0.00	0.00
MW012	1/18/2005	11.70	6.77	4.46	5.17	309	0.00	0.00
MW012	2/9/2005	16.11	6.82	4.32	4.94	337	0.00	0.00
MW012	3/10/2005	19.77	7.64	2.89	0.26	7.64		
MW012	4/13/2005	16.67	6.54	3.44	1.41	250	0.00	0.00
MW012	5/17/2005	20.54	5.64	3.01	0.43	163	0.00	0.00
MW012	6/9/2005	22.87	6.15	3.55	0.38	207	0.00	0.00
MW012	6/9/2005	22.87	6.15	3.55	0.38	207	0.00	0.00
MW012	7/11/2005	23.20	6.51	3.61	0.42	-71	0.00	0.00
MW012	8/8/2005	23.72	6.50	3.35	1.18	-140	0.00	0.00
MW012	9/1/2005	24.65	6.37	3.62	0.33	208	0.00	0.00
MW012	9/19/2005	22.65	6.44	3.26	1.24	255	0.00	0.00
MW012	9/29/2005	19.58	6.29	4.01	0.70	188	NM	NM
MW012A	9/9/2004	22.89	7.61	0.87	0.59	-129	0.00	0.00
MW012A	10/6/2004	20.31	8.36	0.83	1.72	-101	0.00	0.00
MW012A	11/10/2004	20.76	8.48	0.62	1.39	8	0.30	0.00
MW012A	12/28/2004	18.95	7.99	0.89	0.61	354	0.00	0.00
MW012A	1/18/2005	20.84	7.88	0.82	3.99	285	0.06	0.00
MW012A	1/18/2005	20.84	7.88	0.82	3.99	285	0.60	0.00
MW012A	2/10/2005	13.87	7.80	0.64	1.27	353	0.00	0.00
MW012A	3/10/2005	20.62	8.09	0.59	1.05	220	0.00	0.00
MW012A	4/13/2005	22.52	7.31	0.70	0.92	253	0.00	0.00
MW012A	5/12/2005	22.38	6.33	0.68	1.45	109	0.00	0.00
MW012A	6/14/2005	21.54	7.69	0.82	2.20	203	0.00	0.00
MW012A	6/14/2005	21.54	7.69	0.82	2.20	203	0.00	0.00
MW012A	7/12/2005	21.11	5.45	0.76	0.30	231	0.00	0.00
MW012A	8/8/2005	22.82	7.77	0.72	0.60	-254	0.00	0.00
MW012A	9/1/2005	24.71	7.66	0.76	0.90	164	0.00	0.00
MW012A	9/19/2005	23.23	7.78	0.68	0.72	207	0.00	0.00
MW012A	9/29/2005	20.55	7.71	0.75	1.09	140	NM	NM
MW012M	9/9/2004	22.50	7.06	4.05	0.05	-357	0.00	0.35
MW012M	10/6/2004	20.22	7.60	3.45	1.16	-256	0.30	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW012M	11/10/2004	19.27	7.46	2.68	0.98	-250	0.80	0.55
MW012M	12/28/2004	17.69	7.33	3.52	0.47	-84	0.00	0.35
MW012M	1/18/2005	15.95	7.30	3.07	0.96	-96	0.00	12.70
MW012M	1/18/2005	15.95	7.30	3.07	0.96	-96	1.00	1.52
MW012M	2/9/2005	16.65	7.34	2.78	0.80	-117	0.00	1.55
MW012M	3/10/2005	21.35	7.65	2.11	0.24	-204	0.00	1.60
MW012M	4/13/2005	19.31	6.98	2.39	0.74	-57	0.20	1.20
MW012M	5/17/2005	21.42	7.16	2.48	0.18	-175	1.00	2.25
MW012M	6/14/2005	24.20	7.24	2.69	0.75	-147	0.00	1.95
MW012M	6/14/2005	24.20	7.24	2.69	0.75	-147	0.00	1.95
MW012M	7/12/2005	21.68	8.75	2.66	0.22	-110	0.00	2.25
MW012M	8/9/2005	22.59	7.14	2.74	0.77	-325	0.00	12.50
MW012M	9/1/2005	25.36	6.71	2.94	0.33	-78	0.00	0.00
MW012M	9/19/2005	27.90	7.13	2.59	0.78	-52	0.00	0.70
MW012M	9/29/2005	19.81	6.80	3.36	0.54	26	NM	NM
MW013	1/10/2005	20.48	6.96	4.32	19.90	103	NM	NM
MW013	6/3/2005	21.10	7.09	4.77	NM	NM	0.00	0.00
MW013A	1/11/2005	20.78	7.29	0.97	19.40	78	NM	NM
MW013A	6/3/2005	20.70	7.69	0.89	NM	NM	0.00	0.00
MW014	1/10/2005	20.55	7.01	5.70	1.54	171	NM	NM
MW014	6/8/2005	21.20	6.73	5.16	NM	NM	0.00	0.00
MW014A	12/16/2004	20.57	7.29	0.68	4.38	126	NM	NM
MW014A	6/2/2005	22.10	7.67	0.60	NM	NM	0.00	0.00
MW015	1/4/2005	19.10	6.91	6.43	5.22	211	NM	NM
MW015	6/3/2005	19.30	6.81	8.22	NM	NM	0.00	0.00
MW015A	12/20/2004	20.37	6.87	3.28	6.04	232	NM	NM
MW015A	6/2/2005	20.60	7.21	3.68	NM	NM	0.00	0.00
MW016A	12/16/2004	20.54	7.15	1.39	5.24	135	NM	NM
MW016A	6/2/2005	20.60	7.46	1.51	NM	NM	0.00	0.00
MW017A	1/4/2005	20.33	7.48	0.71	5.78	185	NM	NM
MW017A	6/3/2005	20.50	7.70	0.81	NM	NM	0.00	0.00
MW018	12/20/2004	20.14	6.91	1.83	6.38	253	NM	NM
MW018	5/31/2005	20.30	7.26	1.47	NM	NM	NM	NM
MW018A	12/16/2004	19.87	6.95	1.35	7.00	122	NM	NM
MW018A	5/31/2005	20.60	7.37	1.24	NM	NM	0.00	0.00
MW019A	12/20/2004	20.01	6.99	1.97	6.08	229	NM	NM
MW019A	5/31/2005	20.40	7.41	1.46	NM	NM	NM	NM
MW020	1/3/2005	20.14	6.90	3.95	3.41	99	NM	NM
MW020	5/26/2005	20.40	7.12	3.58	NM	NM	NM	NM
MW020A	1/3/2005	20.98	7.13	2.69	3.79	83	NM	NM
MW020A	5/31/2005	20.20	7.34	2.24	NM	NM	NM	NM
MW021	12/21/2004	20.33	6.72	2.86	1.11	220	0.00	NM
MW021	5/27/2005	21.10	7.09	2.47	NM	NM	0.00	0.00
MW021A	12/21/2004	20.61	6.38	18.50	0.59	275	NM	NM
MW021A	6/6/2005	20.80	6.77	12.52	NM	NM	0.00	0.00
MW022A	1/6/2005	21.48	6.84	2.34	NM	71	NM	NM
MW022A	6/3/2005	22.00	7.25	1.62	NM	NM	0.00	0.00
MW023	1/12/2005	19.62	7.09	4.66	5.96	260	NM	NM
MW023	6/1/2005	20.10	7.08	5.42	NM	NM	0.00	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW023A	12/14/2004	19.74	7.29	0.70	5.98	104	NM	NM
MW023A	6/2/2005	20.80	7.67	0.62	NM	NM	NM	NM
MW024	12/28/2004	20.61	7.05	1.71	4.28	104	NM	NM
MW024	6/2/2005	20.40	7.27	1.76	NM	NM	0.00	0.00
MW024A	1/6/2005	20.62	7.05	2.93	19.99	75	NM	NM
MW024A	6/3/2005	20.80	7.62	1.47	NM	NM	0.00	0.00
MW025	1/3/2005	20.20	6.22	1.97	2.39	266	NM	NM
MW025	6/2/2005	20.00	6.92	2.47	NM	NM	NM	NM
MW026	12/13/2004	20.19	6.86	2.53	5.08	146	NM	NM
MW026	6/3/2005	22.10	7.08	2.93	NM	NM	0.00	0.00
MW027	12/20/2004	21.04	6.97	1.89	5.42	256	NM	NM
MW027	6/2/2005	24.30	7.22	2.13	NM	NM	0.00	0.00
MW028	12/6/2004	19.74	7.27	2.93	1.42	20	NM	NM
MW028	5/25/2005	20.70	7.34	3.38	NM	NM	NM	NM
MW029	12/7/2004	19.80	7.21	0.96	6.52	36	0.00	NM
MW029	5/24/2005	20.70	7.51	1.09	NM	NM	NM	NM
MW030	12/13/2004	19.77	7.09	1.53	4.46	139	NM	NM
MW030	5/26/2005	19.90	7.46	1.72	NM	NM	NM	NM
MW031	12/9/2004	20.38	6.52	1.19	0.39	36	0.00	NM
MW031	5/24/2005	21.50	7.07	1.24	NM	NM	NM	NM
MW032	12/8/2004	21.02	6.99	1.48	4.32	101	0.00	NM
MW032	5/24/2005	24.10	7.25	1.63	NM	NM	NM	NM
MW033	1/13/2005	20.85	7.38	2.95	0.67	-10	1.60	0.00
MW033	5/25/2005	21.40	7.25	3.05	NM	NM	0.00	0.00
MW034	1/5/2005	20.17	7.07	2.92	2.98	200	0.00	0.00
MW034	6/7/2005	22.30	7.09	2.34	NM	NM	0.00	0.00
MW035	12/21/2004	20.44	6.57	1.01	3.94	315	0.00	NM
MW035	5/25/2005	21.80	6.96	0.89	NM	NM	0.00	0.00
MW036	1/12/2005	21.40	6.79	2.85	0.60	94	3.60	0.00
MW036	5/31/2005	21.90	6.73	2.75	NM	NM	3.20	0.00
MW037	1/12/2005	20.57	6.70	2.31	17.30	-150	NM	NM
MW037	5/26/2005	20.80	7.08	2.53	NM	NM	2.20	0.00
MW038	1/12/2005	21.15	6.80	2.69	0.71	110	1.40	0.00
MW038	5/31/2005	23.10	6.87	2.73	NM	NM	1.20	0.00
MW039A	1/6/2005	21.26	7.24	1.48	19.99	0	NM	NM
MW039A	6/8/2005	22.50	7.55	1.23	NM	NM	0.00	0.00
MW040A	12/15/2004	20.28	7.51	0.64	5.84	56	NM	NM
MW040A	5/24/2005	21.60	7.88	0.73	NM	NM	0.00	0.00
MW041A	1/10/2005	20.73	6.97	2.48	18.20	87	NM	NM
MW041A	6/7/2005	22.30	7.12	2.74	NM	NM	0.00	0.00
MW042A	12/9/2004	20.64	6.68	10.98	0.94	28	NM	NM
MW042A	6/3/2005	20.90	7.05	12.94	NM	NM	0.00	0.00
MW043	12/28/2004	20.44	7.02	2.18	0.32	24	NM	NM
MW043	5/27/2005	20.90	7.36	1.91	NM	NM	0.06	0.02
MW044	1/5/2005	19.74	6.76	3.46	0.85	214	NM	NM
MW044	6/9/2005	23.40	6.69	3.01	NM	NM	0.00	0.00
MW045	1/12/2005	20.40	6.75	1.99	0.64	146	NM	NM
MW045	5/27/2005	21.40	6.72	2.39	NM	NM	0.00	0.00
MW046	1/12/2005	20.69	6.74	1.50	17.40	-85	NM	NM

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW046	5/26/2005	21.40	6.91	1.44	NM	NM	1.80	0.02
MW046A	1/11/2005	21.75	6.53	2.78	17.60	105	NM	NM
MW046A	5/24/2005	23.00	6.84	3.02	NM	NM	0.00	0.00
MW047	1/5/2005	20.48	7.15	2.53	3.78	193	NM	NM
MW047	6/6/2005	21.30	7.09	3.14	NM	NM	0.00	0.00
MW048SA	1/6/2005	19.94	7.43	1.93	5.34	176	NM	NM
MW048SA	6/7/2005	20.30	6.99	2.56	NM	NM	0.00	0.00
MW049SA	1/6/2005	19.12	6.91	7.65	1.12	169	0.00	0.00
MW049SA	6/6/2005	21.10	6.96	6.00	NM	NM	0.00	0.00
MW050SA	1/5/2005	19.78	7.21	3.63	3.98	207	NM	NM
MW050SA	6/8/2005	22.20	7.00	4.02	NM	NM	0.00	0.00
MW051SA	1/11/2005	20.34	7.10	5.05	2.36	177	NM	NM
MW051SA	6/7/2005	20.50	6.75	5.86	NM	NM	0.00	0.00
MW052SA	1/11/2005	20.01	6.93	4.67	2.83	192	NM	NM
MW052SA	6/1/2005	21.30	6.83	4.13	NM	NM	NM	NM
MW053SA	1/11/2005	20.02	7.43	1.42	5.65	173	NM	NM
MW053SA	6/1/2005	21.10	7.32	1.18	NM	NM	NM	NM
MW054SA	1/10/2005	19.95	7.25	3.39	4.14	190	NM	NM
MW054SA	6/7/2005	20.30	6.85	3.86	NM	NM	0.00	0.00
MW055SA	9/1/2004	20.63	7.29	3.02	4.52	7	0.00	0.00
MW055SA	9/27/2004	20.08	7.68	3.06	4.51	337	0.00	0.00
MW055SA	1/6/2005	18.95	7.35	2.24	4.78	193	NM	NM
MW055SA	1/6/2005	18.95	7.35	2.24	4.28	193	0.00	0.00
MW055SA	6/7/2005	20.50	6.98	2.63	NM	NM	0.00	0.00
MW056SA	1/11/2005	19.69	7.15	4.39	5.10	247	NM	NM
MW056SA	6/6/2005	21.10	7.23	4.07	NM	NM	0.00	0.00
MW057SA	12/15/2004	19.43	6.84	1.97	5.48	92	NM	NM
MW057SA	6/1/2005	19.70	7.24	1.64	NM	NM	0.00	0.00
MW058	1/3/2004	20.62	6.65	2.63	6.11	189	NM	NM
MW058	6/8/2005	20.50	7.09	3.23	NM	NM	0.00	0.00
MW059	12/14/2004	19.72	7.12	2.10	2.16	95	NM	NM
MW059	6/8/2005	20.50	7.19	2.46	NM	NM	0.00	0.00
MW060	1/4/2005	21.11	7.00	4.69	0.59	131	NM	NM
MW060	6/30/2005	21.52	7.03	3.94	0.20	-140	0.00	0.00
MW061	1/11/2005	20.60	6.96	4.01	18.00	103	NM	NM
MW061	6/9/2005	20.40	7.01	4.33	NM	NM	0.00	0.00
MW062A	12/21/2004	20.33	7.38	0.79	6.75	324	NM	NM
MW062A	5/25/2005	21.60	7.69	0.68	NM	NM	NM	NM
MW063A	12/14/2004	20.26	7.51	0.64	5.70	43	NM	NM
MW063A	5/24/2005	23.60	7.95	0.73	NM	NM	0.00	0.00
MW064SA	9/1/2004	22.08	7.07	5.70	2.04	-15	1.40	0.00
MW064SA	9/27/2004	26.14	7.32	6.09	2.47	343	0.00	0.00
MW064SA	12/9/2004	17.81	6.89	4.17	1.99	78	0.00	0.00
MW064SA	1/12/2005	19.80	6.79	4.21	18.40	-2	NM	NM
MW064SA	1/27/2005	14.39	4.86	8.52	0.39	-118	0.00	0.00
MW064SA	3/1/2005	18.00	7.03	4.93	2.00	166	0.80	0.00
MW064SA	3/24/2005	20.97	6.40	4.71	1.99	399	0.00	0.00
MW064SA	4/27/2005	22.72	6.20	3.91	2.12	365	0.00	0.00
MW064SA	5/24/2005	24.98	6.91	4.65	5.00	182	0.10	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW064SA	6/28/2005	25.75	1.90	4.54	1.63	290	0.00	0.00
MW064SA	6/28/2005	25.75	1.90	4.54	1.63	290	0.00	0.00
MW064SA	7/14/2005	24.07	5.05	4.43	3.00	315	0.00	0.00
MW064SA	8/24/2005	24.31	6.79	4.62	4.90	59	0.00	0.00
MW065SA	12/15/2004	19.95	6.84	3.51	6.33	100	NM	NM
MW065SA	6/2/2005	20.90	7.12	3.28	NM	NM	0.00	0.00
MW066SA	1/10/2005	20.00	6.99	4.59	6.26	249	NM	NM
MW066SA	1/10/2005	20.00	6.99	4.59	6.26	249	0.00	0.00
MW066SA	1/26/2005	19.95	6.77	4.27	6.42	468	0.00	0.00
MW066SA	2/23/2005	19.81	6.97	4.36	5.83	174	0.00	0.00
MW066SA	3/30/2005	19.82	6.80	4.27	4.59	-5	0.00	0.00
MW066SA	4/25/2005	20.76	6.60	4.50	4.13	504	0.30	0.00
MW066SA	5/25/2005	20.40	7.01	5.24	NM	NM	0.00	0.00
MW066SA	6/30/2005	20.51	6.82	5.46	6.66	82	0.00	0.00
MW066SA	7/18/2005	23.24	7.14	3.93	6.26	-121	0.00	0.00
MW067SA	12/16/2004	20.03	7.11	1.53	4.34	120	NM	NM
MW067SA	6/1/2005	21.90	7.30	1.29	NM	NM	NM	NM
MW068	12/9/2004	19.95	6.94	5.39	1.10	86	0.00	NM
MW068	5/24/2005	20.20	7.20	6.05	NM	NM	NM	NM
MW069	12/9/2004	20.92	6.28	11.35	0.41	14	0.00	NM
MW069	5/26/2005	20.50	6.68	9.18	NM	NM	NM	NM
MW070	12/9/2004	20.72	7.15	0.83	5.94	92	0.00	NM
MW070	5/24/2005	21.10	7.54	0.99	NM	NM	NM	NM
MW070A	12/15/2004	20.82	7.44	0.66	3.58	60	NM	NM
MW070A	6/1/2005	21.20	7.73	0.60	NM	NM	NM	NM
MW071SA	11/17/2004	19.51	7.38	2.85	3.31	209	0.00	0.00
MW071SA	12/2/2004	20.09	7.11	2.84	3.71	222	0.00	0.00
MW071SA	1/6/2005	19.72	7.08	2.97	2.17	227	0.00	NM
MW071SA	1/6/2005	19.72	7.08	2.97	2.17	227	0.00	0.00
MW071SA	2/7/2005	20.03	7.00	2.72	0.16	407	0.00	0.00
MW071SA	3/7/2005	19.98	7.20	3.15	0.21	173	0.00	0.00
MW071SA	4/14/2005	20.49	6.72	3.07	0.16	200	0.00	0.00
MW071SA	5/10/2005	20.07	6.35	2.81	0.18	290	0.00	0.00
MW071SA	6/2/2005	20.90	6.90	2.66	NM	NM	0.00	0.00
MW071SA	6/2/2005	20.90	6.90	2.66	NM	NM	0.00	0.00
MW071SA	7/7/2005	20.74	6.85	2.53	9.29	-285	0.00	0.00
MW072SA	12/20/2004	20.49	6.82	2.42	5.38	256	NM	NM
MW072SA	1/26/2005	20.14	6.97	1.98	4.90	404	0.00	0.00
MW072SA	2/23/2005	20.19	7.27	1.95	4.78	120	0.00	0.00
MW072SA	3/3/2005	17.06	7.19	2.02	4.28	-20	0.00	0.00
MW072SA	4/25/2005	20.53	6.80	1.94	3.35	413	0.00	0.00
MW072SA	5/25/2005	20.30	7.29	2.30	NM	NM	0.00	0.00
MW072SA	6/30/2005	20.30	7.11	2.30	5.65	62	0.00	0.00
MW072SA	7/18/2005	21.98	7.32	2.00	6.34	-131	0.00	0.00
MW073SA	12/16/2004	20.07	6.77	1.61	1.25	111	NM	NM
MW073SA	5/31/2005	20.40	7.13	1.91	NM	NM	NM	NM
MW074SA	12/7/2004	19.87	7.01	2.87	5.64	50	0.00	NM
MW074SA	5/31/2005	20.60	7.14	3.34	NM	NM	0.00	0.00
MW075SA	12/7/2004	19.84	6.97	3.39	5.87	104	0.00	NM

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW075SA	6/1/2005	20.00	7.14	3.97	NM	NM	NM	NM
MW076SA	12/7/2004	20.02	7.02	2.45	5.85	114	0.00	NM
MW076SA	6/1/2005	19.90	7.22	2.96	NM	NM	0.00	0.00
MW077SA	12/8/2004	19.87	6.95	6.52	0.50	64	0.00	NM
MW077SA	6/1/2005	20.00	6.94	7.19	NM	NM	0.00	0.00
MW078SA	12/8/2004	20.30	6.99	1.23	2.60	72	0.00	NM
MW078SA	6/1/2005	21.40	7.27	0.96	NM	NM	NM	NM
MW079SA	9/28/2004	20.57	6.24	5.79	0.09	-269	3.20	0.00
MW079SA	11/22/2004	18.88	5.54	4.17	0.16	-213	0.00	0.00
MW079SA	1/5/2005	13.87	6.59	4.20	0.30	-105	1.00	12.50
MW079SA	1/5/2005	13.87	6.59	4.20	0.30	-105	1.00	1.30
MW079SA	1/27/2005	14.38	6.01	3.69	0.71	-46	1.60	1.15
MW079SA	2/16/2005	17.71	5.47	4.15	0.50	-27	5.20	0.45
MW079SA	3/15/2005	18.44	6.29	4.52	0.73	-24	1.00	1.00
MW079SA	4/18/2005	20.47	6.29	4.25	0.31	-34	2.40	1.25
MW079SA	6/2/2005	20.78	6.16	4.80	0.22	-144	NM	NM
MW079SA	6/20/2005	23.54	6.49	4.47	0.45	-131	0.60	1.30
MW079SA	7/20/2005	21.77	6.32	4.44	0.50	-340	1.00	1.00
MW079SA	8/25/2005	22.42	6.13	4.19	0.45	-239	4.60	0.00
MW079SA	9/21/2005	22.58	6.43	3.73	0.22	8	0.80	2.05
MW080SA	9/28/2004	20.58	7.30	3.97	2.84	-121	1.00	0.00
MW080SA	10/12/2004	19.27	6.22	3.87	3.15	304	0.00	0.00
MW080SA	11/23/2004	18.24	6.71	2.78	3.44	45	0.00	0.00
MW080SA	1/5/2005	17.32	7.13	2.80	3.07	569	0.00	0.00
MW080SA	1/5/2005	17.32	7.13	2.80	3.07	268	0.00	0.00
MW080SA	1/27/2005	16.39	6.96	2.90	1.14	282	NM	NM
MW080SA	2/16/2005	17.44	6.91	2.73	0.74	68	0.30	0.00
MW080SA	3/16/2005	16.72	6.72	3.19	0.74	6	NM	NM
MW080SA	4/18/2005	23.01	6.82	3.00	2.45	228	0.00	0.00
MW080SA	6/2/2005	25.14	7.02	3.47	4.23	157	0.80	1.70
MW080SA	6/20/2005	23.10	7.10	3.40	0.50	42	0.60	0.00
MW080SA	7/20/2005	22.13	6.84	3.19	1.19	-203	0.00	0.00
MW080SA	8/25/2005	21.85	6.38	3.02	0.60	-190	4.00	0.00
MW080SA	9/21/2005	24.74	6.64	2.73	0.84	201	0.00	0.20
MW081SA	9/28/2004	20.47	6.28	5.33	0.11	-278	3.00	0.15
MW081SA	11/23/2004	18.18	5.91	4.41	0.17	-219	0.80	1.50
MW081SA	1/5/2005	19.06	6.31	3.72	0.17	-80	1.20	1.25
MW081SA	1/13/2005	20.39	5.71	3.88	10.30	-214	3.00	1.00
MW081SA	1/27/2005	14.73	6.49	4.03	0.86	-29	0.40	1.55
MW081SA	2/16/2005	15.66	6.47	4.21	0.64	-55	NM	NM
MW081SA	3/16/2005	16.98	6.52	4.49	0.87	-77	0.00	2.05
MW081SA	4/19/2005	16.98	6.79	4.32	2.88	-47	1.20	2.05
MW081SA	6/2/2005	21.25	6.62	7.66	1.74	-145	0.60	0.95
MW081SA	6/21/2005	21.25	6.53	4.48	0.96	-111	0.80	1.70
MW081SA	7/20/2005	22.94	6.57	4.51	0.88	-327	0.60	2.25
MW081SA	8/25/2005	22.42	6.31	4.39	0.38	-232	3.80	0.00
MW081SA	9/21/2005	22.82	6.54	4.17	0.32	81	2.40	1.05
MW082SA	9/1/2004	21.76	4.86	14.52	0.35	-165	9.20	0.00
MW082SA	9/24/2004	25.55	4.57	11.53	0.23	159	0.00	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW082SA	12/8/2004	19.19	4.46	8.32	0.28	-123	6.20	0.00
MW082SA	1/12/2005	20.71	5.52	4.91	12.90	-246	4.00	1.50
MW082SA	3/16/2005	10.50	5.65	9.46	1.12	10	6.40	1.50
MW082SA	3/24/2005	19.90	4.98	5.60	0.23	-148	2.40	0.55
MW082SA	4/27/2005	18.11	4.94	4.96	0.32	26	1.80	1.10
MW082SA	5/25/2005	81.80	5.11	8.43	0.41	-56	2.20	0.95
MW082SA	6/28/2005	24.48	8.23	6.37	0.21	-57	12.00	1.10
MW082SA	6/28/2005	24.48	8.23	6.37	0.21	-57	2.40	1.10
MW082SA	7/14/2005	22.23	8.05	6.28	0.22	-18	1.20	2.25
MW082SA	8/25/2005	21.80	5.26	6.22	1.36	-177	6.00	0.00
MW083SA	9/1/2004	23.42	4.73	13.26	0.37	-73	9.60	0.00
MW083SA	9/24/2004	25.42	4.83	12.89	0.20	-7	5.00	0.00
MW083SA	12/8/2004	19.52	4.28	7.47	0.38	-93	5.80	1.24
MW083SA	1/13/2005	19.30	5.10	5.67	10.40	-176	4.00	0.00
MW083SA	3/1/2005	17.10	5.64	8.09	2.82	11	6.20	1.20
MW083SA	3/24/2005	22.72	5.05	7.23	0.19	-131	2.60	0.45
MW083SA	4/27/2005	20.45	4.83	5.12	0.38	69	1.40	0.75
MW083SA	5/25/2005	20.46	4.76	6.01	2.65	24	7.40	0.70
MW083SA	6/28/2005	25.86	6.18	6.17	0.42	44	14.00	0.20
MW083SA	6/28/2005	25.86	6.18	6.17	0.42	44	2.80	0.20
MW083SA	7/14/2005	22.56	7.51	6.54	0.14	3	3.00	1.10
MW083SA	8/24/2005	22.90	4.63	6.09	0.87	-118	7.00	0.00
MW084SA	9/1/2004	21.85	6.97	9.53	1.56	50	0.30	0.00
MW084SA	9/27/2004	21.40	7.22	9.59	2.91	308	3.40	0.00
MW084SA	12/9/2004	17.83	6.86	6.67	2.19	123	0.00	0.00
MW084SA	1/13/2005	15.25	6.73	6.23	2.25	142.7	0.80	0.00
MW084SA	1/13/2005	15.25	6.73	6.24	2.25	143	0.80	0.00
MW084SA	3/2/2005	14.16	7.32	7.34	3.17	122	0.20	0.00
MW084SA	3/24/2005	20.02	7.06	5.77	6.71	0.71	0.04	0.00
MW084SA	4/27/2005	20.98	6.41	6.84	1.98	-52	0.00	0.00
MW084SA	5/24/2005	24.98	6.76	7.86	2.01	205	0.00	0.00
MW084SA	6/28/2005	31.10	2.21	7.18	1.09	302	0.00	0.00
MW084SA	6/28/2005	31.10	2.21	7.18	1.09	302	0.00	0.00
MW084SA	7/18/2005	20.35	5.33	7.07	0.33	148	0.00	0.00
MW084SA	8/24/2005	23.06	6.61	7.40	4.74	114	0.00	0.00
MW085SA	9/1/2004	22.54	6.97	7.21	1.62	-20	0.00	0.00
MW085SA	9/24/2004	22.32	7.24	7.35	1.63	321	1.00	0.00
MW085SA	12/9/2004	17.16	6.96	4.65	1.34	17	0.00	0.00
MW085SA	1/13/2005	13.89	6.63	5.00	2.60	208	0.20	0.00
MW085SA	1/13/2005	13.89	6.63	5.00	2.60	208	0.20	0.00
MW085SA	3/1/2005	18.33	6.84	5.73	1.64	150	1.00	0.00
MW085SA	3/24/2005	19.03	6.37	5.35	1.26	345	0.00	0.00
MW085SA	4/27/2005	22.62	6.09	4.73	0.67	290	0.00	0.00
MW085SA	5/24/2005	23.98	6.77	5.44	0.57	105	NM	NM
MW085SA	6/20/2005	26.17	6.72	5.72	1.88	215	0.00	0.00
MW085SA	6/20/2005	26.17	6.72	5.72	1.88	215	0.00	0.00
MW085SA	7/18/2005	21.35	5.43	5.36	0.19	125	0.00	0.00
MW085SA	8/24/2005	22.60	6.65	5.61	0.90	5	0.00	0.00
MW086SA	1/13/2005	19.88	6.49	6.30	13.30	-31	0.00	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
MW086SA	6/2/2005	21.10	6.88	4.57	NM	NM	0.00	0.00
MW087A	11/9/2004	15.56	7.89	3.79	3.38	212	0.00	0.00
MW087A	12/16/2004	15.03	6.92	5.53	2.39	343	0.00	0.00
MW087A	1/13/2005	18.24	6.68	4.70	0.63	125	0.08	0.00
MW087A	2/8/2005	12.64	6.76	5.69	1.73	345	0.00	0.00
MW087A	3/8/2005	18.90	6.85	4.64	0.82	107	0.40	0.05
MW087A	5/11/2005	20.52	6.23	4.45	0.47	258	0.30	0.00
MW087A	6/7/2005	24.95	7.00	5.72	0.59	75	0.00	0.00
MW087A	7/6/2005	20.24	6.90	5.66	0.38	-143	0.00	0.00
MW087A	8/2/2005	36.16	6.79	4.17	1.24	-73	0.00	0.00
MW087A	9/7/2005	25.73	6.11	5.33	0.17	92	0.00	0.00
MW087A	9/28/2005	27.19	6.98	4.29	6.28	221	NM	NM
MW088M	11/10/2004	21.26	5.65	10.53	0.35	-14	9.60	0.00
MW088M	12/28/2004	19.89	5.71	16.50	0.24	7	9.40	0.00
MW088M	1/19/2005	19.41	5.69	11.85	0.43	188	42.00	0.00
MW088M	1/19/2005	19.78	5.69	11.89	0.60	185	8.40	0.00
MW088M	2/10/2005	10.48	5.54	10.47	0.92	201	3.40	0.00
MW088M	3/10/2005	20.17	5.81	12.62	0.28	18	1.80	0.50
MW088M	4/13/2005	11.84	5.64	11.84	0.24	117	2.00	0.30
MW088M	5/17/2005	29.02	5.50	10.49	0.16	-29	3.20	0.00
MW088M	5/31/2005	20.90	6.36	4.89	NM	NM	4.20	3.75
MW088M	5/31/2005	20.90	6.36	4.89	NM	NM	4.20	0.75
MW088M	7/12/2005	22.97	5.48	13.41	0.26	-276	7.00	0.75
MW088M	7/12/2005	22.97	5.48	13.41	0.26	-276	7.00	0.75
MW088M	8/9/2005	22.73	5.61	12.70	0.23	-297	3.00	0.00
MW088M	9/2/2005	25.15	5.51	12.28	0.17	99	5.00	0.00
MW088M	9/19/2005	23.32	5.48	12.25	0.24	165	2.40	0.56
MW088M	9/29/2005	20.21	5.34	13.66	0.20	135	NM	NM
Rowla0.0WW	1/13/2005	19.88	7.24	2.87	5.82	293	NM	NM
Rowla0.0WW	6/7/2005	22.80	7.15	2.73	NM	NM	0.80	0.00
RW002	9/16/2004	20.54	6.65	7.06	0.29	261	0.00	0.00
RW002	10/7/2004	20.34	6.58	7.00	0.42	23	0.00	0.00
RW002	11/17/2004	20.56	6.31	4.54	1.45	142	0.00	0.00
RW002	12/20/2004	19.94	6.14	6.95	0.94	215	0.00	0.00
RW002	12/29/2004	20.67	5.25	4.80	0.38	18	0.00	0.00
RW002	1/25/2005	20.13	6.18	4.70	1.53	189	4.00	0.00
RW002	2/9/2005	10.23	6.00	5.57	1.26	214	2.20	0.00
RW002	3/9/2005	19.89	6.47	4.67	2.19	70	0.80	0.00
RW002	4/12/2005	23.59	6.33	3.10	0.70	155	1.60	0.00
RW002	5/12/2005	26.28	5.49	4.22	0.84	131	1.80	0.95
RW002	6/8/2005	27.99	6.31	5.93	0.53	-45	2.00	2.05
RW002	6/8/2005	27.99	6.31	5.93	0.53	-45	2.00	2.05
RW002	7/7/2005	23.01	5.75	5.82	0.21	-311	3.00	1.75
RW002	8/8/2005	30.44	9.44	5.13	0.11	-246	3.00	0.00
RW002	9/1/2005	33.79	6.29	5.86	1.22	45	0.00	0.00
RW002	9/16/2005	20.75	6.01	5.63	0.47	69	3.60	1.95
RW002	9/29/2005	18.36	5.88	6.16	0.97	75	NM	NM
RW002L	10/6/2004	18.78	6.17	5.91	1.05	-55	0.00	0.00
RW002-L	8/11/2004	26.90	6.40	7.55	0.37	127	0.20	0.00

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Table 6
Groundwater Field Measurements
Chevron Texaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Station Name	Date	Temp-C	pH	SpC-mS/cm	DO-mg/L	ORP-mV	Fe	Sulfide
RW002-L	11/15/2004	14.95	6.36	4.60	0.94	257	0.00	0.00
RW003	9/9/2004	23.53	6.03	4.18	1.24	51	0.00	0.00
RW003	10/7/2004	22.44	5.77	3.43	0.77	-74	0.30	0.00
RW003	11/10/2004	22.54	6.23	3.21	1.27	149	0.00	0.00
RW003	12/28/2004	9.67	6.18	5.00	2.66	290	0.00	0.00
RW003	1/18/2005	18.80	6.10	4.10	1.09	100	6.20	0.22
RW003	1/18/2005	18.80	6.10	4.10	1.09	100	6.20	0.22
RW003	2/10/2005	13.76	6.30	3.59	1.65	-6	3.20	0.30
RW003	3/10/2005	20.56	6.40	3.79	6.00	-46	1.20	1.80
RW003	4/13/2005	24.71	6.12	3.21	0.44	-61	1.20	1.20
RW003	5/18/2005	23.30	6.70	3.30	0.27	-162	1.20	0.32
RW003	6/14/2005	21.80	6.64	3.52	1.09	-144	0.00	1.10
RW003	6/14/2005	21.80	6.64	3.52	1.09	-144	0.00	1.10
RW003	8/10/2005	25.28	6.17	4.99	3.87	-364	1.50	1.00
RW003	9/2/2005	23.45	6.39	3.04	0.57	26	1.50	0.00
RW003	9/19/2005	22.93	6.34	3.34	0.53	135	1.60	1.60
RW003	9/29/2005	22.64	6.31	3.96	1.42	183	NM	NM
RW004A	9/16/2004	24.28	3.96	11.48	0.24	-30	6.80	0.00
RW004A	10/5/2004	20.57	3.58	14.59	1.53	431		
RW004A	11/9/2004	22.83	3.47	9.22	0.29	135	8.80	0.00
RW004A	12/20/2004	19.09	3.90	11.03	0.17	260	7.40	0.00
RW004A	1/18/2005	12.10	3.59	4.01	0.45	1.92	27.00	0.00
RW004A	1/18/2005	12.10	3.59	4.01	0.45	192	8.40	0.00
RW004A	2/14/2005	20.04	3.64	2.75	0.38	275	8.40	0.00
RW004A	3/8/2005	20.98	3.29	1.04	0.31	86	4.00	0.00
RW004A	4/11/2005	20.66	4.71	4.28	0.90	194	4.60	0.00
RW004A	5/12/2005	23.31	1.09	3.92	0.15	-3	9.00	0.00
RW004A	6/8/2005	21.19	3.62	3.95	0.35	230	8.00	0.00
RW004A	6/8/2005	21.19	3.62	3.95	0.35	230	1.60	0.00
RW004A	7/7/2005	24.25	3.01	4.07	0.19	-134	5.00	0.25
RW004A	8/4/2005	26.65	4.17	2.27	0.25	129	4.00	0.00
RW004A	9/15/2005	31.93	3.84	1.16	0.27	243	NM	NM
RW004A	9/28/2005	29.55	4.13	0.94	0.93	179	NM	NM
WoodellWW	12/21/2004	19.20	6.63	3.61	5.41	335	NM	NM
WoodellWW	5/25/2005	21.60	7.43	2.59	NM	NM	NM	NM

Notes:

Temp-C - Temperaure in degrees Celsius

SpC-mS/cm - Specific Conductance in Millisiemens per Centimeter

ORP-mV - Oxygen Reduction Potential in millivolts

Fe - Iron in mg/l

NM - Not Measured

DO - Dissolved Oxygen

Sulfide-mg/l

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Table 7
PSH Measurements
ChevronTexaco Eunice #2 (North) Gas Plant

Station Name	Date	Time (min)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	PSH Removed (gal)	Groundwater Removed (gal)
MW005	11/5/2004	939	0	46.64	0	0	0
	12/2/2004	1542	0	46.53	0	0	0
	2/18/2005	920	0	46.28	0	0	0
	3/10/2005	1300	0	46.17	0	0	0
	3/17/2005	1505	0	46.2	0	0	0
	5/13/2005	1035	0	46.12	0	0	0
	6/17/2005	1050	0	46.2	0	0	0
MW006	9/10/2004	1330	47.3	49.51	2.21	3.5	1.5
	9/14/2004	1500	47.33	48.66	1.33	2.25	2.75
	11/5/2004	942	46.98	47.64	0.66	1	1.5
	11/5/2004	1102	47.03	47.1	0.07	NR	NR
	12/2/2004	1557	46.89	47.14	0.25	0.02	0.42
	12/2/2004	1700	46.94	46.99	0.05	NR	NR
	12/13/2004	1030	46.93	47.16	0.23	0.2	2.8
	12/13/2004	1120	46.84	46.84	0.01	NR	NR
	12/30/2004	1030	46.95	47.13	0.18	0.5	1.5
	2/18/2005	910	46.6	46.78	0.18	0.25	0.75
	3/11/2005	1305	46.51	46.63	0.12	0.25	0.75
	3/17/2005	1508	46.55	46.65	0.1	0.25	0.75
	5/13/2005	1040	46.5	46.63	0.13	NR	NR
	5/13/2005	1100	46.55	46.56	0.01	0.25	1.5
	6/17/2005	1105	45.59	45.68	0.09	0.5	2.0

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Table 8
Analytical Methods, Hold Times, Sample Containers, and Preservatives
ChevronTexaco Eunice #2 (North) Gas Plant
Eunice, Lea County, New Mexico

Parameter	Analytical Method	Holding Times	Sample Containers and Preservative
Field Parameters			
Dissolved Oxygen	Field Probe	Immediate	NA
Redox potential	Field Probe	Immediate	NA
pH	Field Probe	Immediate	NA
Temperature	Field Probe	Immediate	NA
Specific Conductance	Field Probe	Immediate	NA
Iron, ferrous	HACH Kit	Immediate	NA
Hydrogen Sulfide	HACH Kit	Immediate	NA
Turbidity	Meter	Immediate	NA
Organic Analyses			
Benzene	SW-846 8021B	14 Days	40-ml vial; HCl
Toluene	SW-846 8021B	14 Days	40-ml vial; HCl
Ethylbenzene	SW-846 8021B	14 Days	40-ml vial; HCl
Total Xylenes	SW-846 8021B	14 Days	40-ml vial; HCl
TPH (GRO)	SW-846 8015B; TX1005	14 Days	40-ml vial; HCl
TPH (DRO)	SW-846 8015B	7 days from sample to extraction 28 days from extraction to analysis	Amber liter; Neat
Inorganic Analyses			
Total/Dissolved Chromium	SW-846 6010B	6 Months	500-ml plastic; HNO3
Hexavalent Chromium	SW-846 7197	Immediate	1-Liter; Neat
Total Arsenic	SW-846 6010B	6 Months	500-ml plastic; HNO3
Total Barium	SW-846 6010B	6 Months	500-ml plastic; HNO3
Total Cadmium	SW-846 6010B	6 Months	500-ml plastic; HNO3
Total Lead	SW-846 6010B	6 Months	500-ml plastic; HNO3
Total Mercury	SW-846 7470A	28 Days	500-ml plastic; HNO3
Total Selenium	SW-846 6010B	6 Months	500-ml plastic; HNO3
Total Silver	SW-846 6010B	6 Months	500-ml plastic; HNO3
Carbonate	SM2320B	14 Days	1-Liter; Neat
Bicarbonate	SM2320B	14 Days	1-Liter; Neat
Total Alkalinity	SM2320B	14 Days	1-Liter; Neat
Total Dissolved Solids	EPA 160.1	7 Days	1-Liter; Neat
Sulfate	EPA 300.0	28 days	1-Liter; Neat
Nitrate	EPA 300.0	48 hours	1-Liter; Neat
Chlorides	EPA 300.0	28 days	1-Liter; Neat
Calcium	SW-846 6010B	6 Months	500-ml plastic; HNO3
Sodium	SW-846 6010B	6 Months	500-ml plastic; HNO3
Magnesium	SW-846 6010B	6 Months	500-ml plastic; HNO3
Potassium	SW-846 6010B	6 Months	500-ml plastic; HNO3
Total Manganese	SW-846 6010B	6 Months	500-ml plastic; HNO3
Dissolved Manganese	SW-846 6010B	6 Months	500-ml plastic; HNO3

Appendix A

Bench Scale Design Study

Chevron Eunice #2 (North) Plant
Bench Scale Design Study
To Determine Parameters for Optimum Molasses Reagent Composition

Set Up and Operation of the Design Study

The purpose of this portion of this proposal is to outline a treatability study intended to evaluate the utilization of molasses both by itself and in the presence of a fatty acid (soy oil) from a bacterial consumption prospective. The study is designed to determine the rate at which molasses organic carbon is microbially processed both in the presence and absence of fatty acid. Specifically, this study will quantify the rate of organic carbon consumption over time with varying amounts of fatty acid present. The volume of gas produced over time will be utilized as a general indicator of biological activity. In addition to gas volume, the main analytical parameter of the study will be dissolved organic carbon (DOC). In the case of methanogenic activity the gases produced will be a blend of methane and carbon dioxide. Once the base degradation rate and the contribution of methanogenesis to that degradation rate has been established a select number of the microcosms will be spiked with iron and sulfate salts to evaluate the retained viability for iron and sulfate reduction in the fatty acid modified environment. In those cases the dominant gas that will be produced will be carbon dioxide.

Microcosms will be constructed in 5-liter media bottles. Approximately 500 grams of soil will be aseptically placed in the each media bottle. Site groundwater will be used to fill the media bottles to the 5-liter mark. Carbon amendments will be added and the headspace of each microcosm will be evacuated with argon gas. Each media bottle will be connected to a separate anaerobic gas collection system consisting of an 1/8" Teflon tube plumbed to a 1-liter tedlar bag. The integrity of each gas collection system will be confirmed by injecting ~ 100 mL of argon gas into each microcosm using a syringe and confirming that the attached tedlar begins to fill. The number of tedlar bags collected over the course of the study will be recorded as a way of means of tracking cumulative gas production. The goal of gas production tracking is understood to be qualitative and with precision more on a 500-mL of gas basis rather than a 1-mL basis. The five treatments created are summarized below:

10% molasses
10% high fructose corn syrup
10% molasses with 1.0% fatty acid
10% high fructose corn syrup with 1.0% fatty acid
10% molasses with 10.0% fatty acid
10% high fructose corn syrup with 10.0% fatty acid

These percentages are percent by volume of the molasses or high fructose corn syrup (HFCS), i.e. the 50% in the overall system would actually be 5% (50% of 10%) in the whole system. The ARCADIS Treatability Laboratory will consult David Vance in the Midland, Texas office for organic carbon loading calculations prior to establishing the microcosms.

Sampling events will take place at time zero, 15 days, 30 days, 60 days, 90 days, and 120 days.

Samples will be taken at 30 days and then the microcosms can be re-spiked with molasses or HFCS at the discretion of the ARCADIS project team to provide an opportunity to watch the potentially variable rate at which molasses is processed on a second injection. The budget contains funds to re-sample the microcosms after 30 day re-spiking if desired.

At the 60 day mark 2 of the microcosms that display adequate inhibition of methanogenesis will be further spiked with ferric sulfate, followed by two more sampling events to evaluate DOC and gas generation (at 30 and 60 days from salt addition, and 120 days of total system time line)

DOC Samples

Water samples from DOC will be collected after thoroughly shaking the microcosms and allowing the soil to settle. The water samples will be centrifuged to remove colloidal soil material and bacteria, preserved and shipped to an analytical lab yet to be selected for standard turnaround time (TAT).

Optional Gas Composition Samples

Gas composition samples can be collected and analyzed at the option of the Midland office. Specifically, carbon dioxide and methane are of interest. Both parameters can be analyzed in gas samples recovered from the tedlar bag collection systems by Microseeps. This optional component adds up to $8,500 to the total study price if every microcosm is sampled at every specified sample interval. Pricing for gas composition analysis on a lesser number of intervals is available upon request.

The report for this project will include data analysis of the DOC values generated (and gas composition if generated). This project is priced on a lump sum basis at $12,500 for the set up and DOC analysis, with the highly recommended monitoring of gas composition the cost is $21,000. The ARCADIS Treatability Laboratory has assumed that the soil and groundwater used to set the study up will be non-hazardous. If regulated material is used to set the study up, the waste can be shipped back to the site and included in investigationally derived waste streams or an additional $300 fee will be incurred for proper disposal thorough a hazardous waste disposal vender.

Chevron Eunice #2 (North) Plant
Initial Bench Scale Carbon Substrate Study Results

Media - soil cuttings from site monitor wells				
Sample ID	Description	Dilution	Baseline, 1/6/05	
			Reported TOC (mg/L)	Total TOC (mg/L)
1	5% HFCS - No treatment	100	190	19,000
2	5% HFCS- Treatment with 2% fatty acid	100	180	18,000
3	5% Molasses - No treatment	100	190	19,000
4	5% Molasses - Treatment with 2% fatty acid	100	180	18,000
5	5% Molasses& 1000 mg/L sodium benzoate	100	8.6	860
6	5% Molasses - No treatment for the 1st 30 days	100	130	13,000

Sample ID	Description	Dilution	20 Day	
			Reported TOC (mg/L)	Total TOC (mg/L)
1	5% HFCS - No treatment	100	180	18,000
2	5% HFCS- Treatment with 2% fatty acid	100	180	18,000
3	5% Molasses - No treatment	100	180	18,000
4	5% Molasses - Treatment with 2% fatty acid	100	160	16,000
5	5% Molasses& 1000 mg/L sodium benzoate	100	170	17,000
6	5% Molasses - No treatment for the 1st 30 days	100	120	12,000

Sample ID	Description	Dilution	48 Day	
			Reported TOC (mg/L)	Total TOC (mg/L)
1	5% HFCS - No treatment	10	2500	25,000
2	5% HFCS- Treatment with 2% fatty acid	10	2500	25,000
3	5% Molasses - No treatment	10	2600	26,000
4	5% Molasses - Treatment with 2% fatty acid	10	2300	23,000
5	5% Molasses& 1000 mg/L sodium benzoate	10	2800	28,000
6	5% Molasses - No treatment for the 1st 30 days	10	1900	19,000

HFCS - high fructose corn syrup
TOC - total organic carbon

Appendix B

Well Logs

WELL LOG

WELL NO. IW018

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Screen
DATE BEGUN: 9/29/05 DATE COMPLETED: 9/29/05
DRILLER: R. Allen ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW018.dat UNIQUE NUMBER: 31-014-00765

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -97.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-21.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -21.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.0' to -96.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									SAND 10R 5/8 red, SILT to medium grained, subrounded, poorly sorted, loose, argillaceous.	
-5		Screen								
-10		Screen								
-15		Screen							CALICHE 5YR 8/2 pinkish white, soft to hard, indurated.	
-20		Screen								
-25		Screen							SAND 2.5YR light red, fine grained, subrounded, well sorted, loose, CALICHE nodules.	
-30		Screen								
-35		Screen								
-40		Screen								
-45		Screen								

WELL LOG

WELL NO. IW018

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Screen
DATE BEGUN: 9/29/05 DATE COMPLETED: 9/29/05
DRILLER: R. Allen ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW018.dat UNIQUE NUMBER: 31-014-00765

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -97.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-21.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -21.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.0' to -96.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-50		Screen								
-55		Screen								
-60		Screen								
-65		Screen								
-70		Screen								
-75		Screen							CLAY 2.5YR light red, soft, arenaceous, contains minor amount small GRAVEL to 3 mm.	
-80		Screen							GRAVEL multicolored CHERT and lithic GRAVEL to 5 mm, subrounded, poorly sorted, loose; CLAY 2.5YR 6/6 ligh red, soft, arenaceous as interbeds beginning at -90'.	
-85		Screen								
-90		Screen								
-95		Screen							CLAY 10R 5/8 red, firm, fat CLAY; CLAY GLEY 2 7/1 light greenish gray.	

WELL LOG

WELL NO. IW019

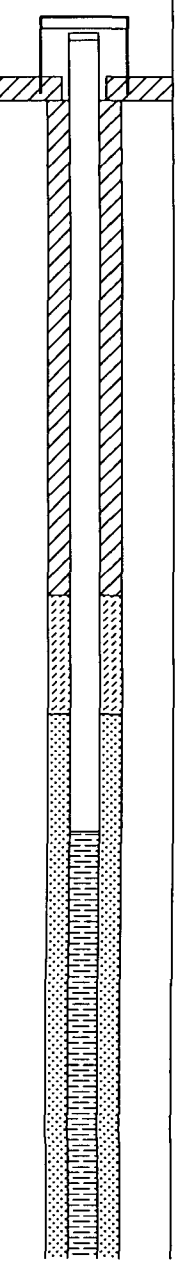
ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Screen
DATE BEGUN: 9/29/05 DATE COMPLETED: 9/29/05
DRILLER: R. Allen ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW019.dat UNIQUE NUMBER: 31-014-00766

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -97.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-21.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -21.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.0' to -96.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									SAND 2.5YR 6/8 light red, fine to medium grained, well sorted.	
-5		Screen							CALICHE 5YR 8/3 pink, dry, soft to firm.	
-10		Screen								
-15		Screen								
-20		Screen							SAND 5YR 7/4 pink, fine grained, subangular, well sorted, loose, CALICHE nodules below -55'.	
-25		Screen								
-30		Screen								
-35		Screen								
-40		Screen								
-45		Screen								



WELL LOG

WELL NO. IW019

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

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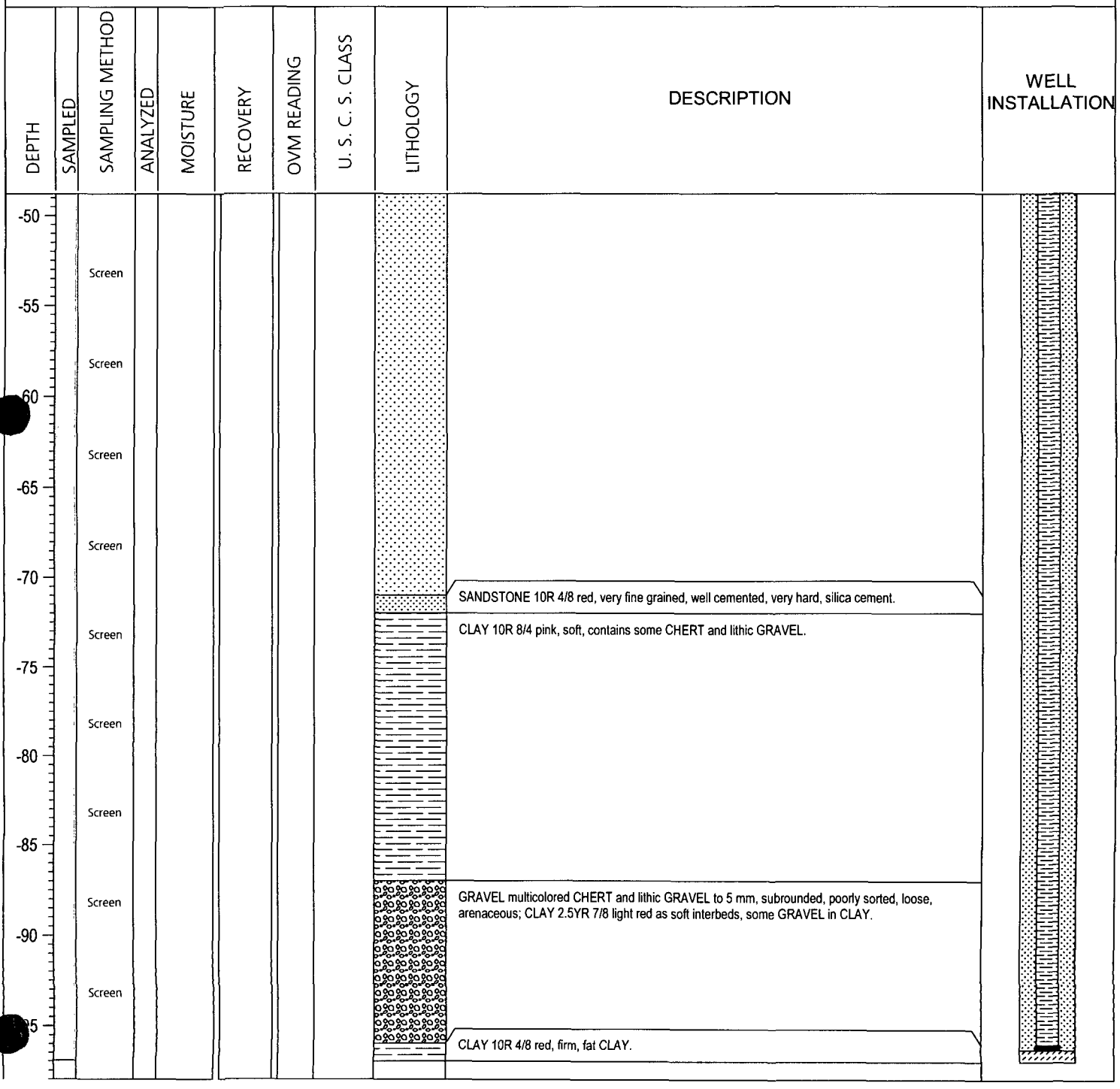
	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-21.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -21.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.0' to -96.0'



WELL LOG

WELL NO.
IW020

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/28/05 DATE COMPLETED: 9/28/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW020.dat UNIQUE NUMBER: 31-014-00767

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -98.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-22.0' to Surface
SEAL TYPE:	Bentonite Chips	-27.0' to -22.0'
SCREEN PACK:	8/16 Sand	-97.0' to -27.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-32.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-97.0' to -32.0'
PLUG BACK:	Bentonite Chips	-98.0' to -97.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0										
		Split Spoon							SAND 2.5YR 6/8 light red, fine to medium grained, well sorted, loose, CALICHE interbeds or nodules.	
-5										
		Split Spoon							CALICHE 7.5YR 8/3 pink, soft to firm, some arenaceous below -10'.	
-10										
		Shovel								
-15										
		Shovel								
-20										
		Shovel							SAND 2.5YR 7/6 light red, medium to fine grained, subrounded, well sorted, loose, CALICHE nodules, rare fine CHERT fragments.	
-25										
		Shovel								
-30										
		Shovel								
-35										
		Shovel								
-40										
		Shovel								
-45										
		Shovel								

WELL LOG

WELL NO.
IW020

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/28/05 DATE COMPLETED: 9/28/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW020.dat UNIQUE NUMBER: 31-014-00767

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -98.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-22.0' to Surface
SEAL TYPE:	Bentonite Chips	-27.0' to -22.0'
SCREEN PACK:	8/16 Sand	-97.0' to -27.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-32.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-97.0' to -32.0'
PLUG BACK:	Bentonite Chips	-98.0' to -97.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-50		Shovel								
-55		Shovel								
-60		Shovel								
-65		Shovel								
-70		Shovel								
-75		Shovel							CLAY 10R 6/8 light red, soft, arenaceous, contains very fine CHERT and lithic GRAVEL to 2 mm.	
-80		Shovel							GRAVEL multicolored CHERT and lithic GRAVEL , small GRAVEL to 3 mm, subrounded, loose, poorly sorted, coarsens toward base to 1 cm GRAVEL, CLAY interbeds, arenaceous.	
-85		Shovel								
-90		Shovel								
-95		Shovel							CLAY 10R 5/8 red, firm, fat CLAY nodule in CLAY; CLAY GLEY 1 7/2 pale green.	

WELL LOG

WELL NO. IW021

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/27/05 DATE COMPLETED: 9/27/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW021.dat UNIQUE NUMBER: 31-014-00768

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -98.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-22.0' to Surface
SEAL TYPE:	Bentonite Chips	-27.0' to -22.0'
SCREEN PACK:	8/16 Sand	-97.0' to -27.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-32.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-97.0' to -32.0'
PLUG BACK:	Bentonite Chips	-98.0' to -97.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									SAND 2.5YR 6/8 light red, fine to medium grained, well sorted, loose, CALICHE interbeds or nodules.	
-5		Split Spoon								
-10		Split Spoon								
-15		Split Spoon							CALICHE 5YR 8/2 pinkish white, hard, dry, indurated.	
-20		Split Spoon							SAND 5YR 7/4 pink, fine grained, subangular, well sorted, loose; CALICHE 5YR 8/2 pinkish white, nodular; SANDSTONE 5YR 6/6 light red, fine grained, hard at -70' as thin interbeds.	
-25		Shovel								
-30		Shovel								
-35		Shovel								
-40		Shovel								
-45		Shovel								

WELL LOG

WELL NO. IW021

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/27/05 DATE COMPLETED: 9/27/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW021.dat UNIQUE NUMBER: 31-014-00768

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -98.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-22.0' to Surface
SEAL TYPE:	Bentonite Chips	-27.0' to -22.0'
SCREEN PACK:	8/16 Sand	-97.0' to -27.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-32.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-97.0' to -32.0'
PLUG BACK:	Bentonite Chips	-98.0' to -97.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-50		Shovel								
-55		Shovel								
-60		Shovel								
-65		Shovel								
-70		Shovel							SANDSTONE 10R 4/8 red , very fine grained, poorly sorted, very hard, siliceous cement.	
-75		Shovel							CLAY 10R 7/6 light red, soft, arenaceous, very fine CHERT GRAVEL.	
-80		Shovel							GRAVEL multicolored CHERT and lithic GRAVEL, GRAVEL 1 cm to fine sand, well rounded to subrounded, poorly sorted, loose; CLAY 10R 7/6 light red as interbeds.	
-85		Shovel								
-90		Shovel								
-95		Shovel							CLAY 10R 4/6 red, firm, fat CLAY.	

WELL LOG

WELL NO.
IW022

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

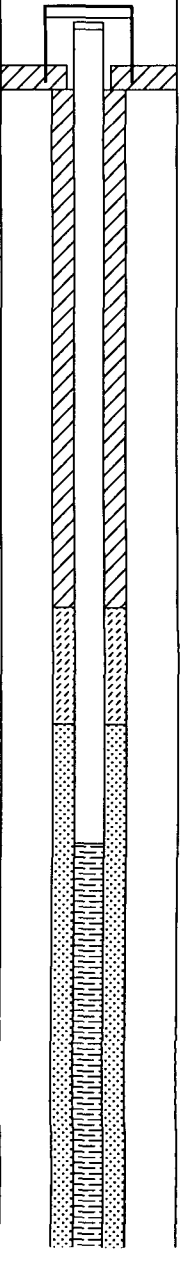
PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/28/05 DATE COMPLETED: 9/28/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW022.dat UNIQUE NUMBER: 31-014-00769

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -98.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-22.0' to Surface
SEAL TYPE:	Bentonite Chips	-27.0' to -22.0'
SCREEN PACK:	8/16 Sand	-97.0' to -27.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-32.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-97.0' to -32.0'
PLUG BACK:	Bentonite Chips	-98.0' to -97.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION
0									
-5		Split Spoon							SAND 10R 7/8 light red, subangular, fair sorting, soft, argillaceous.
-10		Split Spoon							
-15		Split Spoon							
-20		Split Spoon							CALICHE 2.5YR 8/4 pink, soft; SAND 2.5YR 7/6 light red, fine to medium grained, subrounded, well sorted, loose, becoming moist at -40'.
-25		Split Spoon							
-30		Split Spoon							
-35		Split Spoon							SAND 2.5YR 5/8 red, medium to fine grained, subrounded, well sorted, loose; CALICHE 2.5YR 8/4 pink, nodular.
-40		Split Spoon							
-45		Split Spoon							
		Shovel							

WELL INSTALLATION



WELL LOG

WELL NO. IW022

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/28/05 DATE COMPLETED: 9/28/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW022.dat UNIQUE NUMBER: 31-014-00769

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -98.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-22.0' to Surface
SEAL TYPE:	Bentonite Chips	-27.0' to -22.0'
SCREEN PACK:	8/16 Sand	-97.0' to -27.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-32.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-97.0' to -32.0'
PLUG BACK:	Bentonite Chips	-98.0' to -97.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-50		Shovel								
-55		Shovel							SAND 2.5YR 4/6 red, fine grained, well rounded, well sorted.	
-60		Shovel								
-65		Shovel								
-70		Shovel							SANDSTONE 10R 4/8 red, very fine grained, very hard, well cemented, siliceous cement.	
-75		Shovel							CLAY 2.5YR 7/8 light red, soft, arenaceous, some small GRAVEL.	
-80		Shovel							GRAVEL multicolored, fine GRAVEL to 3 mm to fine SAND, subrounded, loose, soft CLAY as above as interbeds.	
-85		Shovel								
-90		Shovel								
-95		Shovel							CLAY 10R 4/8 red, firm, fat CLAY.	

WELL LOG

WELL NO. IW023

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

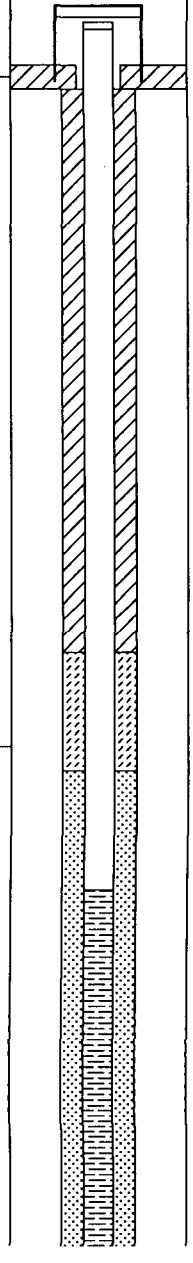
PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/27/05 DATE COMPLETED: 9/27/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW023.dat UNIQUE NUMBER: 31-014-00770

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -99.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-24.0' to Surface
SEAL TYPE:	Bentonite Chips	-29.0' to -24.0'
SCREEN PACK:	8/16 Sand	-98.0' to -29.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-34.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-98.0' to -34.0'
PLUG BACK:	Bentonite Chips	-99.0' to -98.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION
0									SAND 10R 4/8 red, medium to fine grained, subangular, fair sorting, loose, argillaceous, CALICHE interbeds.
-5		Split Spoon							Note: 0' to -20' drilled with air in a 12-1/4" hole.
-10		Split Spoon							
		Shovel							
-15									
		Shovel							
-20									
		Shovel							
-25									
		Shovel							SAND 5YR 5/6 yellowish red, medium to fine grained, subrounded, well sorted, loose, argillaceous, rare CALICHE nodules.
-30									
		Shovel							
-35									
		Shovel							
-40									
		Shovel							
-45									
		Shovel							

WELL INSTALLATION



WELL LOG

WELL NO.
IW023

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/27/05 DATE COMPLETED: 9/27/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW023.dat UNIQUE NUMBER: 31-014-00770

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -99.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-24.0' to Surface
SEAL TYPE:	Bentonite Chips	-29.0' to -24.0'
SCREEN PACK:	8/16 Sand	-98.0' to -29.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-34.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-98.0' to -34.0'
PLUG BACK:	Bentonite Chips	-99.0' to -98.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-50		Shovel								
-55		Shovel								
-60		Shovel								
-65		Shovel								
-70		Shovel								
-75		Shovel							SANDSTONE 10R 4/8 red, very fine grained, well sorted, very hard, well cemented with silica cement.	
-80		Shovel							CLAY 10R 4/8 red, soft, arenaceous, contains multicolored GRAVEL to 1 mm.	
-85		Shovel							GRAVEL multicolored, very fine GRAVEL to 1 mm to fine SAND; CLAY 10R 4/8 red, as interbeds.	
-90		Shovel								
-95		Shovel							CLAY 10R 4/8 red, firm, fat CLAY.	

WELL LOG

WELL NO. IW024

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

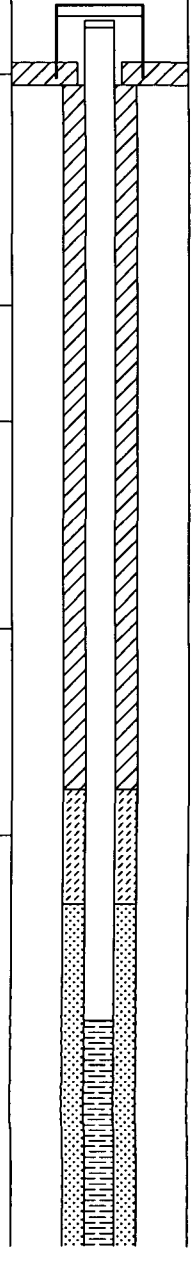
PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/21/05 DATE COMPLETED: 9/21/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW024.dat UNIQUE NUMBER: 31-014-00771

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -103.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-31.0' to Surface
SEAL TYPE:	Bentonite Chips	-36.0' to -31.0'
SCREEN PACK:	8/16 Sand	-101.0' to -36.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-41.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-101.0' to -41.0'
PLUG BACK:	Bentonite Chips	-103.0' to -101.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION
0									SAND 10R 6/4 red, fine, subangular, well sorted, loose, argillaceous.
-5		Split Spoon							
-10		Split Spoon							CLAY 2.5YR 6/8 light red, firm, arenaceous.
-15		Shovel							CALICHE 2.5YR 8/4 pink, soft, arenaceous.
-20		Shovel							
-25		Shovel							SANDSTONE 2.5YR 6/4 light reddish brown, medium to fine grained, well rounded, well sorted, very weakly cemented to loose.
-30		Shovel							
-35		Shovel							SAND 2.5YR 6/4 light reddish brown, medium to fine grained, well rounded, well sorted, loose.
-40		Shovel							
-45		Shovel							
-50									

WELL INSTALLATION



WELL LOG

WELL NO. IW024

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/21/05 DATE COMPLETED: 9/21/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW024.dat UNIQUE NUMBER: 31-014-00771

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -103.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-31.0' to Surface
SEAL TYPE:	Bentonite Chips	-36.0' to -31.0'
SCREEN PACK:	8/16 Sand	-101.0' to -36.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-41.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-101.0' to -41.0'
PLUG BACK:	Bentonite Chips	-103.0' to -101.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Shovel								
		Shovel								
-60										
		Shovel								
-65										
		Shovel								
-70										
		Shovel								
-75									SANDSTONE 10R 4/6 red, very fine grained, well sorted, very hard, thinly bedded, siliceous cement.	
		Shovel							CLAY 5YR 6/4 light reddish brown, arenaceous, some very fine GRAVEL.	
-80										
		Shovel								
-85										
		Shovel							GRAVEL multicolored CHERT and lithic GRAVEL, fine to 3 mm, subrounded, arenaceous, size increases to 7 mm with depth.	
-90										
		Shovel								
-95										
		Shovel								
-100										
		Shovel							CLAY 10R 4/8 red, firm, fat CLAY.	

WELL LOG

WELL NO. IW025

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/21/05 DATE COMPLETED: 9/21/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW025.dat UNIQUE NUMBER: 31-014-00772

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -103.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-31.0' to Surface
SEAL TYPE:	Bentonite Chips	-36.0' to -31.0'
SCREEN PACK:	8/16 Sand	-101.0' to -36.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-41.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-101.0' to -41.0'
PLUG BACK:	Sand	-103.0' to -101.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									SAND 10R 6/4 red, fine, subangular, well sorted, loose, argillaceous.	
-5		Split Spoon								
-10		Split Spoon								
-15		Shovel								
-20		Shovel							CALICHE 2.5YR 8/3 pink, soft.	
-25		Shovel								
-30		Shovel							SANDSTONE 10R 6/4 red, fine to medium grained, subrounded, well sorted, very friable, argillaceous.	
-35		Shovel								
-40		Shovel							SAND 10R 6/4 red, medium to fine grained, loose, some layers weakly cemented.	
-45		Shovel								
-50										

WELL LOG

WELL NO. IW025

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/21/05 DATE COMPLETED: 9/21/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW025.dat UNIQUE NUMBER: 31-014-00772

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -103.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-31.0' to Surface
SEAL TYPE:	Bentonite Chips	-36.0' to -31.0'
SCREEN PACK:	8/16 Sand	-101.0' to -36.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-41.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-101.0' to -41.0'
PLUG BACK:	Sand	-103.0' to -101.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Shovel								
		Shovel								
-60										
		Shovel								
-65										
		Shovel								
-70									CLAY 10R 5/6 red, soft, arenaceous, some fine to very fine GRAVEL, 2 mm in CLAY at -78'.	
		Shovel								
-75										
		Shovel								
-80										
		Shovel								
-85										
		Shovel							GRAVEL multicolored CHERT and lithic GRAVEL to 3 mm to fine SAND, subrounded, loose, poorly sorted, soft CLAY interbeds at -95'.	
-90										
		Shovel								
-95										
		Shovel								
-100									CLAY 10R 4/8 red, firm, fat CLAY.	
		Shovel								

WELL LOG

WELL NO. IW026

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

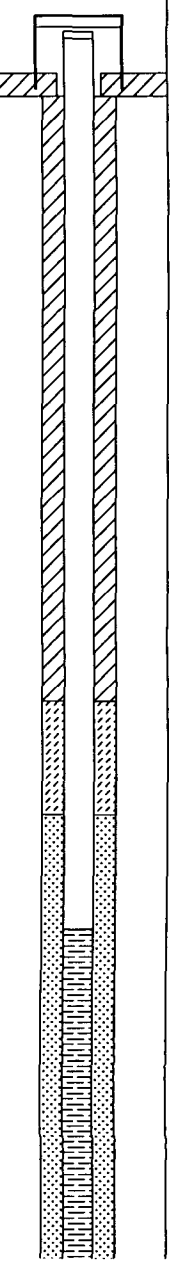
PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/19/05 DATE COMPLETED: 9/19/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW026.dat UNIQUE NUMBER: 31-014-00773

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -105.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-27.0' to Surface
SEAL TYPE:	Bentonite Chips	-32.0' to -27.0'
SCREEN PACK:	8/16 Sand	-102.0' to -32.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-37.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-102.0' to -37.0'
PLUG BACK:	Bentonite Chips	-105.0' to -102.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION
0		Split Spoon							SAND 10R 6/4 red, medium to fine grained, subrounded, well sorted, loose, argillaceous.
-5		Split Spoon							
-10		Shovel							CALICHE 5YR 8/2 pinkish white, firm to soft.
-15		Shovel							SANDSTONE 5YR 8/4 pink, fine to very fine grained, well sorted, very soft; CALICHE 5YR 8/2 pinkish white, soft to firm, as interbeds.
-20		Shovel							
-25		Shovel							
-30		Shovel							SAND 2.5YR 5/6 reddish brown, medium to fine grained, well rounded, well sorted, loose; SANDSTONE 2.5YR 3/6 reddish brown, as interbeds, small CHERT grains rare, arenaceous, CLAY interbeds below -73'.
-35		Shovel							
-40		Shovel							
-45		Shovel							
-50		Shovel							

WELL INSTALLATION



WELL LOG

WELL NO. IW026

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/19/05 DATE COMPLETED: 9/19/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW026.dat UNIQUE NUMBER: 31-014-00773

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -105.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-27.0' to Surface
SEAL TYPE:	Bentonite Chips	-32.0' to -27.0'
SCREEN PACK:	8/16 Sand	-102.0' to -32.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-37.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-102.0' to -37.0'
PLUG BACK:	Bentonite Chips	-105.0' to -102.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Shovel								
-60		Shovel								
-65		Shovel								
-70		Shovel								
-75		Shovel							SANDSTONE 10R 5/6 red, very fine grained, very hard, well cemented with siliceous cement.	
-80		Shovel							SAND 2.5YR 5/6 reddish brown, medium to fine grained, well rounded, well sorted, loose.	
-85		Shovel							CLAY 10R 6/8 light red, soft, arenaceous.	
-90		Shovel							GRAVEL various colors, CHERT and lithic GRAVEL to 5 mm, well rounded, loose.	
-95		Shovel								
-100		Shovel								
-105		Shovel							CLAY 10R 4/8 red, firm, fat CLAY.	

WELL LOG

WELL NO.
IW027

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/20/05 DATE COMPLETED: 9/20/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW027.dat UNIQUE NUMBER: 31-014-00774

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -103.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-29.5' to Surface
SEAL TYPE:	Bentonite Chips	-34.5' to -29.5'
SCREEN PACK:	8/16 Sand	-99.5' to -34.5'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-39.5' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-99.5' to -39.5'
PLUG BACK:	Bentonite Chips	-103.0' to -99.5'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									SAND 10R 6/4 red, fine grained, subangular, well sorted, loose.	
-5		Split Spoon								
-10		Shovel							CALICHE 2.5YR 8/3 pink, soft, becoming interbedded with SANDSTONE 10R 4/6 red, fine grained, subangular, well sorted, friable below -20'.	
-15		Shovel								
-20		Shovel								
-25		Shovel								
-30		Shovel								
-35		Shovel							SAND 10R 4/6 red, fine to medium grained, subangular, well sorted, loose.	
-40		Shovel								
-45		Shovel								
-50										

WELL LOG

WELL NO. IW027

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/20/05 DATE COMPLETED: 9/20/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: IW027.dat UNIQUE NUMBER: 31-014-00774

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -103.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-29.5' to Surface
SEAL TYPE:	Bentonite Chips	-34.5' to -29.5'
SCREEN PACK:	8/16 Sand	-99.5' to -34.5'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-39.5' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-99.5' to -39.5'
PLUG BACK:	Bentonite Chips	-103.0' to -99.5'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Shovel								
		Shovel								
-60										
		Shovel								
-65										
		Shovel								
-70										
		Shovel							CLAY 2.5YR 5/4 reddish brown, soft, arenaceous, rare fine GRAVEL to 2 mm.	
-75										
		Shovel							SANDSTONE 10R 5/8, fine grained, well sorted, very hard, siliceous cement.	
-80									GRAVEL multicolored CHERT and lithic GRAVEL, subrounded to 1 cm; CLAY 10R 6/8 light red, arenaceous interbeds.	
		Shovel								
-85										
		Shovel								
-90										
		Shovel								
-95										
		Shovel								
-100									CLAY 10R 4/8 red, firm, fat CLAY.	
		Shovel								

WELL LOG

WELL NO.
IW028

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

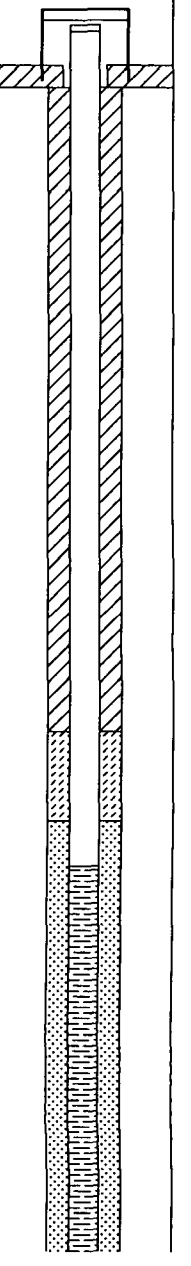
PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Button Bit
SAMPLE METHOD: Tea Strainer
DATE BEGUN: 3/15/05 DATE COMPLETED: 3/15/05
DRILLER: B. Atkins ELEVATION (SURF.):
LOGGER: R. Nanny ELEVATION (T.O.C.):
FILE NAME: IW028.dat UNIQUE NUMBER: 31-014-00775

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -107.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-29.5' to Surface
SEAL TYPE:	Bentonite Pellets	-33.0' to -29.0'
SCREEN PACK:	20/40 Sand	-107.0' to -105.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-35.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-105.0' to -35.0'
PLUG BACK:	Sand	-107.0' to -105.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION
0									
-5		Shovel					SM		HYDRO BLAST no recovery.
-10		Shovel							CALICHE 7.5YR 8/2 pinkish white, 90%, turning to SAND 7.5YR 5/4 brown, very fine to fine grained, 10%, subrounded, sorted, loose.
-15		Shovel							SANDSTONE 7.5YR 4/4 reddish brown, fine grained, 80%, subrounded, well sorted; SANDSTONE 7.5YR 6/4 light brown, fine grained, 20%, subrounded, well sorted, friable.
-20		Shovel							
-25		Shovel							SAND 7.5YR 5/4 reddish brown, fine grained, 80%, subrounded, well sorted, loose; SANDSTONE 7.5YR 6/4 light brown, fine grained, 20%, subrounded, well sorted, friable.
-30		Shovel							
-35		Shovel							
-40		Shovel							SANDSTONE 7.5YR 5/6 strong brown, fine grained, 70%, subrounded, well sorted, loose to very friable; SANDSTONE 7.5YR 6/4 light brown, fine grained, 30%, subrounded, well sorted, friable.
-45		Shovel							
-50									

WELL INSTALLATION



WELL LOG

WELL NO. IW028

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Button Bit
SAMPLE METHOD: Tea Strainer
DATE BEGUN: 3/15/05 DATE COMPLETED: 3/15/05
DRILLER: B. Atkins ELEVATION (SURF.):
LOGGER: R. Nanny ELEVATION (T.O.C.):
FILE NAME: IW028.dat UNIQUE NUMBER: 31-014-00775

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -107.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-29.5' to Surface
SEAL TYPE:	Bentonite Pellets	-33.0' to -29.0'
SCREEN PACK:	20/40 Sand	-107.0' to -105.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-35.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-105.0' to -35.0'
PLUG BACK:	Sand	-107.0' to -105.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Shovel								
-60		Shovel								
-65		Shovel								
-70		Shovel								
-75		Shovel								
-80		Shovel								
-85		Shovel							SANDSTONE 2.5YR 4/4 reddish brown, very fine grained, 80%, subrounded, well sorted, firm, siliceous, indurated; SANDSTONE 7.5YR 6/4 light brown, fine grained, 20%, subrounded, well sorted, friable.	
-90		Shovel							GRAVEL multiple colored CHERT and QUARTZ pebbles from 0.03 cm to 1 cm with some SANDSTONE 7.5YR 5/6 reddish brown, fine grained, subrounded, well sorted, loose to very friable and little SANDSTONE 2.5YR 4/4 reddish brown, very fine grained, subrounded, well sorted, firm, siliceous, indurated.	
-95		Shovel								
-100		Shovel							SILTY CLAY 2.5YR 5/6 red, plastic, non sticky, soft, with traces of GRAVEL multiple colors, CHERT and QUARTZ pebbles from 0.03 to 1 cm.	
-105		Shovel							CLAY 2.5YR 4/6 red, plastic, sticky.	

WELL LOG

WELL NO.
MW086SA

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

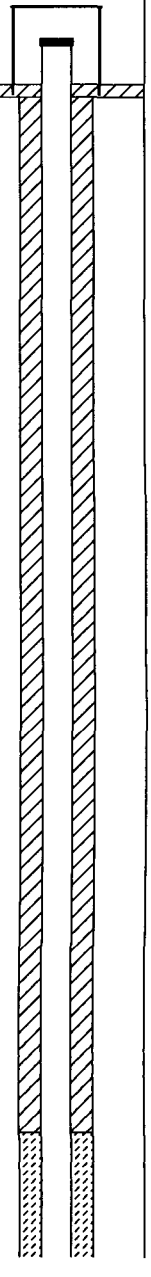
PROJECT NUMBER: MT000700.0014
CLIENT NAME: ChevronTexaco Exploration and Production Co.
PROJECT NAME: North Eunice Plant - IRZ Remediation
SITE LOCATION: Lea County, New Mexico
—
DRILLING CO: White Drilling Company
DRILLING METHOD: Mud Rotary
SAMPLE METHOD: Shovel
DATE BEGUN: 9/9/04 DATE COMPLETED: 9/9/04
DRILLER: Bo Adkins ELEVATION (SURF.): —
LOGGER: R. Nanny ELEVATION (T.O.C.): —
FILE NAME: MW086SA.dat UNIQUE NUMBER: 31-014-00699

STATIC WATER LEVEL: — MEAS. PT.: T.O.C. DATE: —
HOLE SIZE(S): 7 3/4" TOTAL DEPTH: -92.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-40.0' to Surface
SEAL TYPE:	Bentonite	-45.0' to -40.0'
SCREEN PACK:	8/16 Brady Sand	-90.0' to -45.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-50.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-90.0' to -50.0'
	—	
PLUG BACK:	8/16 Brady Sand	-92.0' to -90.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION
0							SM		SAND 2.5 YR 4/6 red, fine grained, subrounded, loose, 80% SAND, 20% CALICHE, 10 YR 7/3 very pale brown, angular.
-5		Shovel							
-10		Shovel							CALICHE 5 YR 7/3 pink, coarse grained, subrounded to subangular, friable, arenaceous, 90% CALICHE, 10 Y, SAND, 7.5 YR 7/6 reddish yellow, fine grained, well rounded, well sorted, loose.
-15		Shovel							
-20		Shovel							
-25		Shovel							SANDSTONE 7.5 YR 7/3 pink, fine grained, subrounded, well sorted, friable.
-30		Shovel							
-35		Shovel							SANDSTONE 7.5 YR 7/4 pink, fine grained, rounded, well sorted, hard to friable.
-40		Shovel							

WELL INSTALLATION



WELL LOG

WELL NO. MW086SA

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0014
CLIENT NAME: ChevronTexaco Exploration and Production Co.
PROJECT NAME: North Eunice Plant - IRZ Remediation
SITE LOCATION: Lea County, New Mexico
—
DRILLING CO: White Drilling Company
DRILLING METHOD: Mud Rotary
SAMPLE METHOD: Shovel
DATE BEGUN: 9/9/04 DATE COMPLETED: 9/9/04
DRILLER: Bo Adkins ELEVATION (SURF.): —
LOGGER: R. Nanny ELEVATION (T.O.C.): —
FILE NAME: MW086SA.dat UNIQUE NUMBER: 31-014-00699

STATIC WATER LEVEL: — MEAS. PT.: T.O.C. DATE: —
HOLE SIZE(S): 7 3/4" TOTAL DEPTH: -92.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-40.0' to Surface
SEAL TYPE:	Bentonite	-45.0' to -40.0'
SCREEN PACK:	8/16 Brady Sand	-90.0' to -45.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-50.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-90.0' to -50.0'
	—	
PLUG BACK:	8/16 Brady Sand	-92.0' to -90.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-45									SANDSTONE 10 YR 5/6 red, very fine grained to SILT, rounded, well sorted, friable.	
-50		Shovel								
-55		Shovel								
-60		Shovel								
-65		Shovel								
-70		Shovel								
-75		Shovel								
-80		Shovel								
-85		Shovel							GRAVEL to 3mm rounded, interbedded, with CLAY 2.5 YR 4/6 red, plastic.	
-90		Shovel							CLAY 2.5 YR 4/6 red, plastic.	

WELL LOG

WELL NO. MW087A

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0014
CLIENT NAME: ChevronTexaco Exploration and Production Co.
PROJECT NAME: North Eunice Plant - IRZ Remediation
SITE LOCATION: Lea County, New Mexico
—
DRILLING CO: White Drilling Company
DRILLING METHOD: Mud Rotary
SAMPLE METHOD: Shovel
DATE BEGUN: 9/9/04 DATE COMPLETED: 9/9/04
DRILLER: Bo Adkins ELEVATION (SURF.): —
LOGGER: R. Nanny ELEVATION (T.O.C.): —
FILE NAME: MW087A.dat UNIQUE NUMBER: 31-014-00700

STATIC WATER LEVEL: — MEAS. PT.: T.O.C. DATE: —
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -115.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-51.0' to Surface
SEAL TYPE:	Bentonite	-75.0' to -51.0'
SCREEN PACK:	8/16 Brady Sand	-110.0' to -75.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-90.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-110.0' to -90.0'
	—	
PLUG BACK:	8/16 Brady Sand	-115.0' to -110.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									SAND 7.5 YR 4/6 strong brown, very fine grained, rounded, well sorted, loose.	
		Shovel								
-5									CALICHE 7.5 YR 4/6 strong brown, very fine grained, well sorted, soft.	
		Shovel								
-10										
		Shovel								
-15									SANDSTONE 7.5 YR 8/2 pinkish white, very fine grained to fine grained, well sorted, hard to friable.	
		Shovel								
-20									SANDSTONE 7.5 YR 5/4 brown, very fine grained, rounded, friable.	
		Shovel								
-25										
		Shovel								
-30										
		Shovel								
-35										

WELL LOG

WELL NO. MW087A

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0014
CLIENT NAME: ChevronTexaco Exploration and Production Co.
PROJECT NAME: North Eunice Plant - IRZ Remediation
SITE LOCATION: Lea County, New Mexico
—
DRILLING CO: White Drilling Company
DRILLING METHOD: Mud Rotary
SAMPLE METHOD: Shovel
DATE BEGUN: 9/9/04 DATE COMPLETED: 9/9/04
DRILLER: Bo Adkins ELEVATION (SURF.): —
LOGGER: R. Nanny ELEVATION (T.O.C.): —
FILE NAME: MW087A.dat UNIQUE NUMBER: 31-014-00700

STATIC WATER LEVEL: — MEAS. PT.: T.O.C. DATE: —
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -115.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-51.0' to Surface
SEAL TYPE:	Bentonite	-75.0' to -51.0'
SCREEN PACK:	8/16 Brady Sand	-110.0' to -75.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-90.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-110.0' to -90.0'
	—	
PLUG BACK:	8/16 Brady Sand	-115.0' to -110.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-40		Shovel								
-45		Shovel								
-50		Shovel								
-55		Shovel								
-60		Shovel								
-65		Shovel							SANDSTONE 7.5 YR 5/4 brown, interbedded with black SANDSTONE, very fine grained, rounded, sorted, friable.	
-70		Shovel								
-75		Shovel							SAND 5 YR 5/6 yellowish red, fine grained to very fine grained, rounded, well sorted, friable, interbedded with GRAVEL, small, angular to subangular, poorly sorted.	

WELL LOG

WELL NO. MW087A

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0014
CLIENT NAME: ChevronTexaco Exploration and Production Co.
PROJECT NAME: North Eunice Plant - IRZ Remediation
SITE LOCATION: Lea County, New Mexico
—
DRILLING CO: White Drilling Company
DRILLING METHOD: Mud Rotary
SAMPLE METHOD: Shovel
DATE BEGUN: 9/9/04 DATE COMPLETED: 9/9/04
DRILLER: Bo Adkins ELEVATION (SURF.): —
LOGGER: R. Nanny ELEVATION (T.O.C.): —
FILE NAME: MW087A.dat UNIQUE NUMBER: 31-014-00700

STATIC WATER LEVEL: — MEAS. PT.: T.O.C. DATE: —
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -115.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-51.0' to Surface
SEAL TYPE:	Bentonite	-75.0' to -51.0'
SCREEN PACK:	8/16 Brady Sand	-110.0' to -75.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-90.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-110.0' to -90.0'
	—	
PLUG BACK:	8/16 Brady Sand	-115.0' to -110.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-80		Shovel								
-85		Shovel								
-90		Shovel								
-95		Shovel								
-100		Shovel								
-105		Shovel							GRAVEL small, subangular, poorly sorted.	
-110		Shovel							CLAY 2.5 YR 5/6 red, plastic, sticky.	
-115										

WELL LOG

WELL NO. MW088M

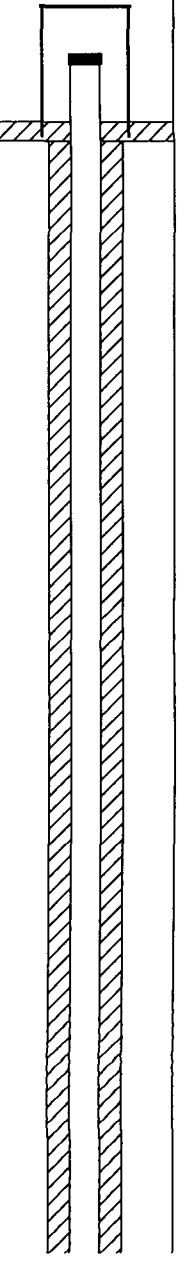
ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0014
CLIENT NAME: ChevronTexaco Exploration and Production Co.
PROJECT NAME: North Eunice Plant - IRZ Remediation
SITE LOCATION: Lea County, New Mexico
—
DRILLING CO: White Drilling Company
DRILLING METHOD: Mud Rotary
SAMPLE METHOD: Shovel
DATE BEGUN: 9/10/04 DATE COMPLETED: 9/10/04
DRILLER: Bo Adkins ELEVATION (SURF.): —
LOGGER: R. Nanny ELEVATION (T.O.C.): —
FILE NAME: MW088.dat UNIQUE NUMBER: 31-014-00701

STATIC WATER LEVEL: — MEAS. PT.: T.O.C. DATE: —
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -92.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-40.0' to Surface
SEAL TYPE:	Bentonite	-45.0' to -40.0'
SCREEN PACK:	8/16 Brady Sand	-90.0' to -45.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-50.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-90.0' to -50.0'
	—	-100.0' to -100.0'
PLUG BACK:	8/16 Brady Sand	-92.0' to -90.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									SAND 2.5 YR 4/6 red, very fine grained, rounded, well sorted, interbedded with CALICHE, 7.5 YR 8/2 pinkish white, subangular, friable.	
-5		Shovel								
-10		Shovel							CALICHE 7.5 YR 8/2 pinkish white, subangular, friable.	
-15		Shovel								
-20		Shovel							SANDSTONE 7.5 YR 7/4 pink, fine grained, rounded, well sorted, hard to friable.	
-25		Shovel								



WELL LOG

WELL NO. MW088M

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0014
CLIENT NAME: ChevronTexaco Exploration and Production Co.
PROJECT NAME: North Eunice Plant - IRZ Remediation
SITE LOCATION: Lea County, New Mexico
—
DRILLING CO: White Drilling Company
DRILLING METHOD: Mud Rotary
SAMPLE METHOD: Shovel
DATE BEGUN: 9/10/04 DATE COMPLETED: 9/10/04
DRILLER: Bo Adkins ELEVATION (SURF.): —
LOGGER: R. Nanny ELEVATION (T.O.C.): —
FILE NAME: MW088.dat UNIQUE NUMBER: 31-014-00701

STATIC WATER LEVEL: — MEAS. PT.: T.O.C. DATE: —
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -92.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-40.0' to Surface
SEAL TYPE:	Bentonite	-45.0' to -40.0'
SCREEN PACK:	8/16 Brady Sand	-90.0' to -45.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-50.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-90.0' to -50.0'
	—	-100.0' to -100.0'
PLUG BACK:	8/16 Brady Sand	-92.0' to -90.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-30		Shovel							SANDSTONE 7.5 YR 7/6 reddish yellow, fine grained, rounded, well sorted, friable.	
-35		Shovel								
-40		Shovel								
-45		Shovel								
-50		Shovel								
-55		Shovel								
-60									SAND 7.5 YR 5/6 strong brown, fine grained to very fine grained, rounded, well sorted, interbedded with SANDSTONE, 7.5 YR 7/6 reddish yellow, fine grained, rounded, well sorted, friable.	

WELL LOG

WELL NO. MW088M

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0014
CLIENT NAME: ChevronTexaco Exploration and Production Co.
PROJECT NAME: North Eunice Plant - IRZ Remediation
SITE LOCATION: Lea County, New Mexico
—
DRILLING CO: White Drilling Company
DRILLING METHOD: Mud Rotary
SAMPLE METHOD: Shovel
DATE BEGUN: 9/10/04 DATE COMPLETED: 9/10/04
DRILLER: Bo Adkins ELEVATION (SURF.): —
LOGGER: R. Nanny ELEVATION (T.O.C.): —
FILE NAME: MW088.dat UNIQUE NUMBER: 31-014-00701

STATIC WATER LEVEL: — MEAS. PT.: T.O.C. DATE: —
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -92.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-40.0' to Surface
SEAL TYPE:	Bentonite	-45.0' to -40.0'
SCREEN PACK:	8/16 Brady Sand	-90.0' to -45.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-50.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-90.0' to -50.0'
	—	-100.0' to -100.0'
PLUG BACK:	8/16 Brady Sand	-92.0' to -90.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-65		Shovel								
		Shovel								
-70									SANDSTONE 7.5 YR 7/6 reddish yellow, fine grained, rounded, well sorted, friable.	
		Shovel								
-75										
		Shovel								
-80										
		Shovel								
-85									SANDSTONE 7.5 YR 5/6 strong brown, fine grained, rounded, well sorted, hard, interbedded with SANDY CLAY, fine grained to very fine grained, soft.	
		Shovel								
-90									SANDSTONE 2.5 YR 5/6 red, fine grained, rounded, well sorted, hard.	
		Shovel								

WELL LOG

WELL NO.
MW089SA

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/15/05 DATE COMPLETED: 9/15/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW089SA.dat UNIQUE NUMBER: 31-014-00764

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -104.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-29.0' to Surface
SEAL TYPE:	Bentonite Chips	-34.0' to -29.0'
SCREEN PACK:	8/16 Sand	-99.0' to -34.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-39.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-99.0' to -39.0'
PLUG BACK:	Clay	-104.0' to -99.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									TOPSOIL CLAY 5YR 3/4 dark reddish brown, rich, arenaceous.	
-5		Split Spoon							CALICHE 2.5YR soft to firm, arenaceous.	
-10		Split Spoon								
-15		Shovel								
-20		Shovel								
-25		Shovel							SANDSTONE 10R 7/4 pale red, medium to fine grained, subangular, well sorted, very friable, rare CALICHE nodules.	
-30		Shovel								
-35		Shovel							SAND 10R 7/4 pale red, medium to fine grained, subrounded, well sorted, loose, rare indurated nodules CALICHE 5YR 8/3 pink below -45'; interbeds of SANDSTONE 5YR 4/4 reddish brown, medium to fine grained, well rounded to subrounded, fair sorting, firm below -55'.	
-40		Shovel								
-45		Shovel								
-50		Shovel								

WELL LOG

WELL NO. MW089SA

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/15/05 DATE COMPLETED: 9/15/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW089SA.dat UNIQUE NUMBER: 31-014-00764

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -104.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-29.0' to Surface
SEAL TYPE:	Bentonite Chips	-34.0' to -29.0'
SCREEN PACK:	8/16 Sand	-99.0' to -34.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-39.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-99.0' to -39.0'
PLUG BACK:	Clay	-104.0' to -99.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Shovel								
-60		Shovel								
		Shovel								
-70		Shovel								
-75		Shovel								
-80		Shovel								
-85		Shovel							SAND as above; CLAY 10R 5/8 soft as interbeds.	
-90		Shovel							GRAVEL multicolored CHERT, fine GRAVEL to 5 mm, well rounded; CLAY 10R 8/4 pink, soft as interbeds.	
-95		Shovel								
		Shovel							CLAY 10R 4/8 red, firm, fat CLAY.	
-105		Shovel								

WELL LOG

WELL NO. MW090SA

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/16/05 DATE COMPLETED: 9/16/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW090SA.dat UNIQUE NUMBER: 31-014-00776

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -103.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-36.0' to Surface
SEAL TYPE:	Bentonite Chips	-31.0' to -26.0'
SCREEN PACK:	8/16 Sand	-101.0' to -31.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-36.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-101.0' to -36.0'
PLUG BACK:	Bentonite Chips	-103.0' to -101.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									SAND 2.5YR 4/6 red, fine to medium grained, subangular, well sorted, loose.	
-5		Split Spoon								
-10		Shovel							CALICHE 7.5YR 8/2 pinkish white, soft.	
-15		Shovel								
-20		Shovel								
-25		Shovel							SANDSTONE 10R 4/4 weak red, medium to fine grained, subrounded to subangular, well sorted, friable, rare CALICHE nodules and CALICHE CLAY nodules 10R 8/4 pink, soft.	
-30		Shovel								
-35		Shovel								
-40		Shovel								
-45		Shovel								
-50		Shovel								

WELL LOG

WELL NO. MW090SA

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/16/05 DATE COMPLETED: 9/16/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW090SA.dat UNIQUE NUMBER: 31-014-00776

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -103.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-36.0' to Surface
SEAL TYPE:	Bentonite Chips	-31.0' to -26.0'
SCREEN PACK:	8/16 Sand	-101.0' to -31.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-36.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-101.0' to -36.0'
PLUG BACK:	Bentonite Chips	-103.0' to -101.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Shovel								
		Shovel							SAND 10R 4/4 weak red, fine grained, subangular, loose, rare CALICHE nodules 10R 8/4 pink, soft, CLAY interbeds below -75'.	
-60		Shovel								
-65		Shovel								
-70		Shovel								
-75		Shovel								
-80		Shovel							CLAY 10R 5/6 red, soft to firm, arenaceous.	
-85		Shovel								
-90		Shovel							GRAVEL CHERT and lithic GRAVEL to 5 mm, well rounded, loose; CLAY 10R 7/4 pale red, firm as interbeds, arenaceous.	
-95		Shovel								
-100		Shovel							CLAY 10R 4/6 red, firm, fat CLAY.	
		Shovel								

WELL LOG

WELL NO.
MW091SA

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

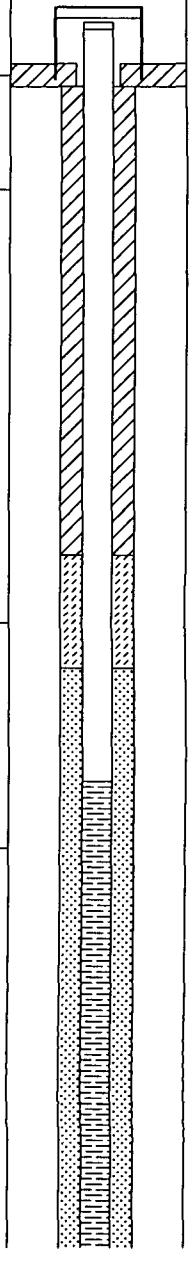
PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/22/05 DATE COMPLETED: 9/22/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW091SA.dat UNIQUE NUMBER: 31-014-00777

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -97.5'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-21.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -21.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.5' to -96.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION
0									SAND 10R 4/8 red, medium to fine grained, subangular, fair sorting, loose, argillaceous.
-5		Split Spoon							
-10		Split Spoon							CALICHE 5YR 8/2 pinkish white, soft, arenaceous.
-15		Split Spoon							
-20		Shovel							
-25		Shovel							SANDSTONE 5YR 6/6 reddish yellow, medium to fine grained, subrounded, well sorted, very soft CALICHE nodules.
-30		Shovel							
-35		Shovel							SAND 5YR 5/6 yellowish red, medium to fine grained, subrounded, loose CALICHE nodules or interbeds below -40', rare CHERT fragments.
-40		Shovel							
-45		Shovel							
-50		Shovel							

WELL INSTALLATION



WELL LOG

WELL NO. MW091SA

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/22/05 DATE COMPLETED: 9/22/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW091SA.dat UNIQUE NUMBER: 31-014-00777

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -97.5'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-21.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -21.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.5' to -96.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Shovel								
-60		Shovel								
		Shovel								
		Shovel							SANDSTONE 10R 4/6 red, very fine grained, well sorted, very hard, siliceous cement.	
-70		Shovel							SAND 10R 7/8 light red, medium to fine grained, well sorted, loose.	
-75		Shovel							CLAY 5YR 6/6 reddish yellow, soft, arenaceous.	
-80		Shovel							GRAVEL multicolored CHERT and lithic GRAVEL, fine GRAVEL to 3 mm.	
-85		Shovel								
-90		Shovel							CLAY 10R 4/6 red, firm, fat CLAY.	
-95										

WELL LOG

WELL NO. MW092SA

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Screen
DATE BEGUN: 9/23/05 DATE COMPLETED: 9/23/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW092SA.dat UNIQUE NUMBER: 31-014-00778

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -97.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-23.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -23.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.0' to -96.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0									SAND 5YR 5/4 dark reddish brown.	
-5		Screen							CALICHE 2.5YR firm, sandy.	
-10		Screen							SAND	
-15		Screen							SAND/CALICHE 10R 7/4 pale red, fine to medium grained, subangular, well sorted, some CALICHE.	
-20		Screen							CALICHE/SAND	
-25		Screen							SAND 10R 7/4 pale red, very fine to fine grained, subrounded to rounded grains, loose, well sorted.	
-30		Screen							SAND 5YR 4/4 reddish brown, very fine grained to some medium grains, well rounded, some subrounded, fair sorting.	
-35		Screen								
-40		Screen								
-45		Screen								
-50										

WELL LOG

WELL NO. MW092SA

ARCADIS 1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Screen
DATE BEGUN: 9/23/05 DATE COMPLETED: 9/23/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW092SA.dat UNIQUE NUMBER: 31-014-00778

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -97.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-23.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -23.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.0' to -96.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Screen							SAND 5YR 4/4 reddish brown, very fine to medium grained, fair sorting, subrounded to rounded, some CALICHE nodules.	
-60		Screen								
-65		Screen								
-70		Screen							SANDY CLAY 5YR 4/4 reddish brown, slightly plastic, firm.	
-75		Screen							SANDY CLAY 5YR 4/4 reddish brown, 100% GRAVEL CHERT, small GRAVEL.	
-80		Screen							GRAVEL multicolored, CHERT, some SANDY CLAY, slightly plastic.	
-85		Screen							SANDY CLAY 10R 8/4 pink, very fine grained, well sorted, some SANDY CLAY 5YR 4/4 reddish brown.	
-90		Screen								
-95		Screen							CLAY dark red brown, "red beds", fine, plastic.	

WELL LOG

WELL NO. MW093SA

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/26/05 DATE COMPLETED: 9/26/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW093SA.dat UNIQUE NUMBER: 31-014-00779

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -97.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-21.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -21.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.0' to -96.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
0										
-5		Split Spoon							SAND 10R 4/8 red, medium to fine grained, subangular, good sorting, loose.	
-10		Split Spoon							CALICHE 2.5YR 8/3 pink, soft, SAND 5YR 6/6 light red, fine to medium grained, well rounded, well sorted as interbeds.	
-15		Split Spoon								
-20		Shovel								
-25		Shovel								
-30		Shovel								
-35		Shovel							SAND 2.5YR 5/6 red, medium to fine grained, well rounded to subrounded, well sorted, loose, rare CALICHE (probably nodules).	
-40		Shovel								
-45		Shovel								
-50		Shovel								

WELL LOG

WELL NO.
MW093SA

ARCADIS
1004 N. Big Spring St. Suite 300, Midland, TX 79701-3383 Tel: 432/687-5400 Fax: 432/687-5401

PROJECT NUMBER: MT000700.0016
CLIENT NAME: Chevron North America Exploration & Production Co.
PROJECT NAME: North Eunice Gas Plant - Medial IRZ Remediation
SITE LOCATION: Eunice, New Mexico
Lea County, New Mexico
DRILLING CO: White Drilling Co.
DRILLING METHOD: Rotary/Water
SAMPLE METHOD: Shovel/Split Spoon
DATE BEGUN: 9/26/05 DATE COMPLETED: 9/26/05
DRILLER: R. Allen/J. White ELEVATION (SURF.):
LOGGER: R. Lang ELEVATION (T.O.C.):
FILE NAME: MW093SA.dat UNIQUE NUMBER: 31-014-00779

STATIC WATER LEVEL: MEAS. PT.: T.O.C. DATE:
HOLE SIZE(S): 7 7/8" TOTAL DEPTH: -97.0'
SURFACE COMPLETION: 8" Locking Steel Sleeve, 4'x4'x6" Conc. Slab

	TYPES	DEPTHS
GROUT TYPE:	Portland Cement	-21.0' to Surface
SEAL TYPE:	Bentonite Chips	-26.0' to -21.0'
SCREEN PACK:	8/16 Sand	-96.0' to -26.0'
CASING TYPE:	4" Diameter Sch. 40 PVC Blank	-31.0' to Surface
	—	—
WELL SCREEN:	4" Diameter Sch. 40 PVC, 0.020" slots	-96.0' to -31.0'
PLUG BACK:	Bentonite Chips	-97.0' to -96.0'

DEPTH	SAMPLED	SAMPLING METHOD	ANALYZED	MOISTURE	RECOVERY	OVM READING	U. S. C. S. CLASS	LITHOLOGY	DESCRIPTION	WELL INSTALLATION
-55		Shovel								
-60		Shovel								
-65		Shovel								
-70		Shovel								
-75		Shovel								
-80		Shovel							CLAY 10R 6/8 light red, soft, arenaceous, rare fine GRAVEL.	
-85		Shovel							GRAVEL multicolored CHERT and lithic GRAVEL to 3 mm, well rounded to angular, CLAY interbeds.	
-90		Shovel								
-95		Shovel							CLAY 10R 4/8 red, firm, fat CLAY.	

ARCADIS

Appendix C

Laboratory Reports CD

ARCADIS

STL Laboratory Reports CD

To be provided by

STL

And

Microseeps Laboratory Reports CD

To be provided by

ARCADIS