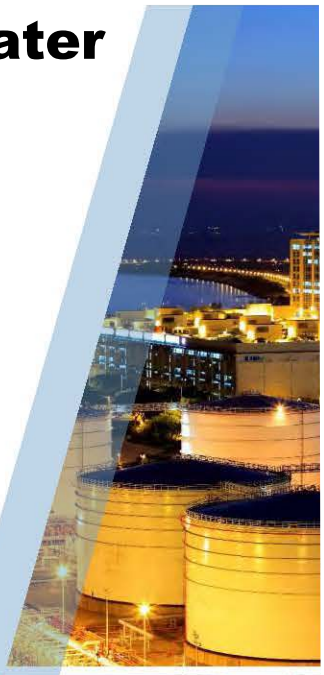
2019 Annual Groundwater Monitoring and Remediation Report

Line NM 1-1
Lea County, New Mexico



Phillips 66 Company

Executive Summary

GHD conducted semiannual groundwater monitoring on March 20, 21, 2019 and September 16, 17, 2019 at the Phillips 66 Line NM 1-1 in Hobbs, New Mexico (Site). Groundwater levels were measured in all Site monitor wells (MW) using an oil/water interface probe prior to purging and sampling. Crude oil was detected in MW-1, MW-14, MW-15, MW-16, MW-17, MW-19, MW-20 (September event only) MW-23 through MW-27 and recovery wells EW-1, EW-2, RW-1 through RW-4 during the March and September 2019 events.

Ten and twelve groundwater samples were collected during the March and September 2019 monitoring events, respectively. Groundwater samples were submitted under chain of custody documentation to Pace Analytical Laboratories (Pace) of Lenexa, Kansas. The samples were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), total petroleum hydrocarbons (TPH)–gasoline range organics (GRO), and TPH–diesel range organics (DRO).

The groundwater samples collected from MW-20 (March) and MW-25 (September) were reported by the laboratory above the New Mexico Water Quality Control Commission's (NMWQCC) groundwater quality standards during the 2019 semiannual monitoring events.

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1. Introduction

GHD Services Inc. (GHD) prepared this *2019 Annual Groundwater Monitoring and Remediation Report* on behalf of Phillips 66 Company (Phillips 66). This report summarizes groundwater monitoring, sampling, and routine operations and maintenance (O&M) activities at Line NM 1-1 (Site) in 2019. The report presents the following:

- Site Description and History
- Regulatory Framework
- Groundwater Monitoring and Sampling
- Groundwater Remediation Activities
- Summary and Recommendations

2. Site Description and History

The Site is located approximately 1 mile south of the City of Hobbs in Lea County, New Mexico (Unit N, Section 9, Township 19S, Range 38E; Figure 1). The area around the release is largely undeveloped arid land primarily used for cattle grazing. Two crude oil production wells are located near the pipeline release. Regional geology consists of unconsolidated alluvium overlaying the Ogallala Formation.

Site remedial activities commenced on October 27, 1998, when Phillips 66 personnel discovered a release of crude oil associated with a local well field gathering pipeline. Approximately 1,500 cubic yards of petroleum-impacted soil were excavated around and below the release location. MW-1 was installed approximately 10 feet north of the excavation to determine the vertical extent of soil impacts, and to determine if groundwater had been impacted. Approximately 13 feet of crude oil was detected on the water table. Phillips 66 initiated product recovery in MW-1 on December 12, 1998 using a bailer. During the week of March 22, 1999, Abanaki Corporation installed a PetroXtractor recovery system in MW-1.

Assessment and remediation activities have been conducted at the Site by Higgins and Associates, LLC of Centennial, Colorado to define and address the crude oil impacts including the installation of a comprehensive soil and groundwater remediation system. The remediation system installation consists of a crude oil recovery system, a groundwater extraction, treatment, and re-injection system, and an enhanced-bioremediation system consisting of bio-venting and nutrient injection.

Beginning on December 1, 2010, four new crude oil recovery wells (RW-1 through RW-4) were installed at the Site under the direction of Tetra Tech. The wells were drilled, completed and developed by Straub Corporation of Stanton, Texas. Alliance Maintenance and Services of Houston, Texas performed the installation of the recovery pumps, controller, wiring trenching and plumbing. The wells were set using 6-inch diameter Schedule 40 polyvinyl chloride (PVC) casing with 30 feet of 0.020-inch screen extending to the bottom of each well, and blank PVC casing extending from the top of the screened interval to approximately 3 feet above ground surface. Crude oil recovery pumps, consisting of Xitech Model ADJ1015H 4-inch diameter pneumatic High

Performance Smart Skimmers with adjustable extended travel floats were installed in each well. The four new recovery well pumps and the seven existing recovery well pumps were connected to a Xitech Model 5500E 16-station programmable pneumatic pump controller, allowing for individual control of each of the pumps. Figure 2 illustrates the locations of the existing pipeline corridors, the Site monitor and remediation wells, the remediation buildings and storage tank at the Site.

On behalf of Phillips 66, GHD assumed semi-annual groundwater and remedial oversight duties of the Site in August 2011.

In April 2015, GHD collected Light Non Aqueous Phase Liquid (LNAPL) samples to be analyzed for paraffins, isoparaffins, aromatics, napthenes and olefins (PIANO) distribution. Based on the PIANO results, GHD conducted two 8-hour mobile dual phase extraction (MDPE) events in April and July 2015.

GHD conducted three additional MDPE events consisting of two 8-hour events each in February, April and July, 2017. A total of 6,019 gallons of fluid consisting of approximately 730 gallons of crude oil were removed during the three events.

GHD installed eight replacement monitor wells in September 2017 due to a majority of the Site wells being gauged dry.

GHD installed 12 monitor wells in January 2018 in an effort to replace wells that are consistently gauged dry. In March 2018, due to lack of interaction with the water table, MW-2 through MW-13; remediation wells SV-1, SV-2, MP-1, MP-2, SVE-1, SVE-3, and SVE-5; and injection wells IW-1 through IW-7, were plugged and abandoned.

GHD completed a LNAPL recovery test in March 2018 to evaluate the LNAPL recharge rate in existing recovery wells. Based on the results of the pilot test, GHD began transitioning from the Xitech skimmer pumps to the NET systems for LNPAL recovery.

The NET system installation began in the third quarter 2018 at recovery wells RW-1, RW-2 and RW-3. Power was hooked up in January 2019 and the systems began full operation in February 2019.

Current activities include monthly O&M activities associated with LNAPL recovery and semi-annual groundwater sampling events.

3. Regulatory Framework

The New Mexico Oil Conservation Division (NMOCD) is the regulatory agency overseeing the cleanup of petroleum hydrocarbon impacts associated with the Site. The NMOCD uses groundwater quality standards contained in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (20.6.2.3103 NMAC[1]) for groundwater cleanup.

The NMWQCC Human Health Standards are listed in the following constituents of concern table for comparison purposes and evaluation of groundwater analytical results contained in this report.

[1] New Mexico Water Quality Control Commission (http://www.nmcpr.state.nm.us/nmac/parts/title20/20.006.0002.htm)

Table 3.1 Groundwater Constituent of Concern Table

Constituent Of Concern	NMWQCC Standards (mg/L)
Benzene	0.005
Toluene	1.00
Ethylbenzene	0.70
Xylenes	0.62
TPH-DRO	NA
TPH-GRO	NA
Chloride	250

4. Groundwater Monitoring and Sampling

4.1 Groundwater Monitoring – March 2019

GHD personnel gauged 27 on-site monitor wells on March 20, 2019 to measure groundwater elevation. Well caps were removed before gauging to allow groundwater levels to equilibrate. An oil/water interface probe was used to measure groundwater depths and check for the presence of LNAPL in each of the monitor wells. Groundwater measurements proceeded from historically non-impacted wells to the wells containing LNAPL. The oil/water interface probe was cleaned with an Alconox®/de-ionized water solution and rinsed with de-ionized water after each use.

Groundwater elevations ranged from 3554.60 feet-above mean sea level (ft-amsl) at MW-29 to 3559.84 ft-amsl at MW-22. Regional groundwater flows to the south/southeast at an approximate gradient of 0.00189 feet per foot (ft/ft), measured from RW-3 to MW-30, which is consistent with historical data.

Table 1 presents the 2019 Groundwater Elevation Data for 2019; Table 2 presents the Historical Groundwater Elevation Data. Figure 3 presents Groundwater Gradient Map – March 2019. Figure 4 presents the Light Non-Aqueous Phase Liquid Thickness Contour Map – March 2019.

4.2 Groundwater Sampling – March 2019

GHD personnel collected samples for the first semiannual groundwater sampling event from 10 on-site monitor wells on March 21, 2019. Groundwater samples were collected from MW-18, MW-20, MW-21, MW-22, MW-28 through MW-31, MW-32, and MW-33. Due to the presence of LNAPL 18 monitor wells were not sampled.

Samples were collected via traditional bailer method. The groundwater samples, including a duplicate sample, were collected with clean, disposable bailers, decanted into clean containers supplied by the analytical laboratory, placed on ice in an insulated cooler, and chilled to a temperature of approximately 40°F (4°C). The coolers were sealed for transport and shipped to Pace under chain of custody protocol. Groundwater not used for sampling was stored on-site in the above ground storage tank for eventual off-site disposal.

Pace analyzed the groundwater samples for:

- BTEX by Environmental Protection Agency (EPA) Method 8260B
- TPH-GRO by EPA Method 8015.
- TPH-DRO by EPA Method 8015.

4.3 Groundwater Analytical Results – March 2019

Sample results for the March 2019 semiannual groundwater monitoring event are summarized below.

- Benzene was detected above the groundwater remedial objective of 0.010 milligrams per liter (mg/l) in groundwater samples from MW-20 at 2.08 mg/L, with the duplicate sample being 2.38 mg/L.
- Toluene was not detected above the groundwater remedial objective of 1.00 mg/l in groundwater samples collected during the March 2019 sampling event.
- Ethylbenzene was not detected above the groundwater remedial objective of 0.70 mg/l in groundwater samples collected during the March 2019 sampling event.
- Total xylenes were not detected above the groundwater remedial objective of 0.62 mg/l in groundwater samples collected during the March 2019 sampling event.
- TPH-GRO was detected above the laboratory detection limit in groundwater samples collected from MW-20, at a concentration of 10.9 mg/L. Groundwater remedial objectives for TPH-GRO have not been established for the site.
- TPH-DRO was detected above the laboratory detection limit in groundwater samples collected from MW-20, MW-21, MW-22, MW-29, MW-30, MW-31, and MW-32. Concentrations ranged from 0.52 mg/L at MW-31 to 1.4 mg/L at MW-20. Groundwater remedial objectives for TPH-DRO have not been established for the Site.

Table 3 presents 2019 Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO; Table 4 presents Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO; Table 5 presents Historical Groundwater Analytical Data – Chloride, Total Hardness, Iron and Manganese; Table 6 presents Historical Groundwater Analytical Data – Metals and Polyaromatic Hydrocarbons. Figure 5 presents Groundwater Analytical Results – March 2019. Appendix A presents the March 2019 Pace analytical report.

4.4 Groundwater Monitoring – September 2019

GHD personnel gauged 31 on-site monitor wells on September 16, 2019 to measure groundwater elevation. Well caps were removed before gauging to allow groundwater levels to equilibrate. Groundwater elevations ranged from 3554.17 ft-amsl at MW-29 to 3559.16 ft-amsl at MW-22. Regional groundwater flows to the south/southeast at an approximate gradient of 0.005 ft/ft.

Table 1 presents the 2019 Groundwater Elevation Data for 2019; Table 2 presents the Historical Groundwater Elevation Data. Figure 6 presents Groundwater Gradient Map – September 2019. Figure 7 presents the Light Non-Aqueous Phase Liquid Thickness Contour Map – September 2019.

4.5 Groundwater Sampling – September 2019

GHD personnel collected samples for the second semiannual groundwater sampling event from 10 on-site monitor wells on September 17, 2019. Groundwater samples were collected from MW-18, MW-21, MW-22, MW-28 through MW-35, and MW-37. Due to the presence of LNAPL 19 monitor wells were not sampled.

4.6 Groundwater Analytical Results – September 2019

Sample results for the September 2019 semiannual groundwater monitoring events are summarized below. The Pace analytical reports are presented as Appendix A.

- Benzene was detected above the groundwater remedial objective of 0.005 mg/L in groundwater samples collected from MW-35 at a concentration of 2.57 mg/L. Benzene was not detected above the remedial objective in the remaining samples collected during the September 2019 sampling event.
- Toluene was detected above the groundwater remedial objective of 1.00 mg/L in groundwater samples collected from MW-35 at a concentration of 1.19 mg/L. Toluene was not detected above remedial objective in the remaining samples collected during the September 2019 sampling event.
- Ethylbenzene was detected above the groundwater remedial objective of 0.70 mg/L in groundwater samples collected from MW-35 at a concentration of 1.48 mg/L. Ethlybenzene was not detected above remedial objective in the remaining samples collected during the September 2019 sampling event.
- Total xylenes were detected above the groundwater remedial objective of 0.62 mg/L in groundwater samples collected from MW-35 at a concentration of 1.19 mg/L. Total xylenes were not detected above remedial objective in the remaining samples collected during the September 2019 sampling event.
- TPH-GRO was detected above the laboratory detection limit in groundwater samples collected from MW-35 at a concentration of 26.8 mg/L. Groundwater remedial objectives for TPH-GRO have not been established for the site.
- TPH-DRO was detected above the laboratory detection limit in groundwater samples MW-30, MW-35, and MW-37 with concentrations ranging from 0.70 mg/L (MW-37) to 18.5 mg/L (MW-35), respectively. Groundwater remedial objectives for TPH-DRO have not been established for the site.

Table 3 presents 2019 Groundwater Analytical Data – BTEX, TPH-GRO and TPH-DRO; Table 4 presents Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO; Table 5 presents Historical Groundwater Analytical Data – Chloride, Total Hardness, Iron and Manganese; Table 6 presents Historical Groundwater Analytical Data – Metals and Polyaromatic Hydrocarbons. Figure 8 presents Groundwater Analytical Results – September 2019. Appendix A presents the September 2019 Pace analytical report.

5. Groundwater Remedial Activities

Four additional monitor wells (MW-34 through MW-37) were installed in June 2019 to further delineate the LNAPL impacts. During the 2019 fourth quarter, GHD used one additional NET to remove LNAPL in all wells with measureable free product. A total of 60 gallons of LNAPL were removed while also testing the potential recovery rate of LNAPL using the NET system. The NET systems were turned off in November due to concerns related to area classifications and the NET motors. The motors will be replaced in the first quarter of 2019 to meet the classification requirements.

6. Summary and Recommendations

Groundwater samples collected in March 2019 from MW-20 and September 2019 from MW-35 indicate exceedance of the NMWQCC standard for benzene, ethylbenzene and total xylenes. LNAPL was encountered in wells MW-1, MW-14 through MW-17, MW-19, MW-20 (only September), MW-23 through MW- 27, MW-36, EW-1, EW-2, and RW-1 through RW-4 in March and September 2019.

Removal of LNAPL and dissolved BTEX, TPH-GRO, and TPH-DRO remain the remedial objective for this Site. GHD will continue conducting semiannual groundwater monitoring and reporting for the Site, as directed by the NMOCD, as well as monthly gauging events for selected monitor wells to evaluate the effectiveness of the NET systems.

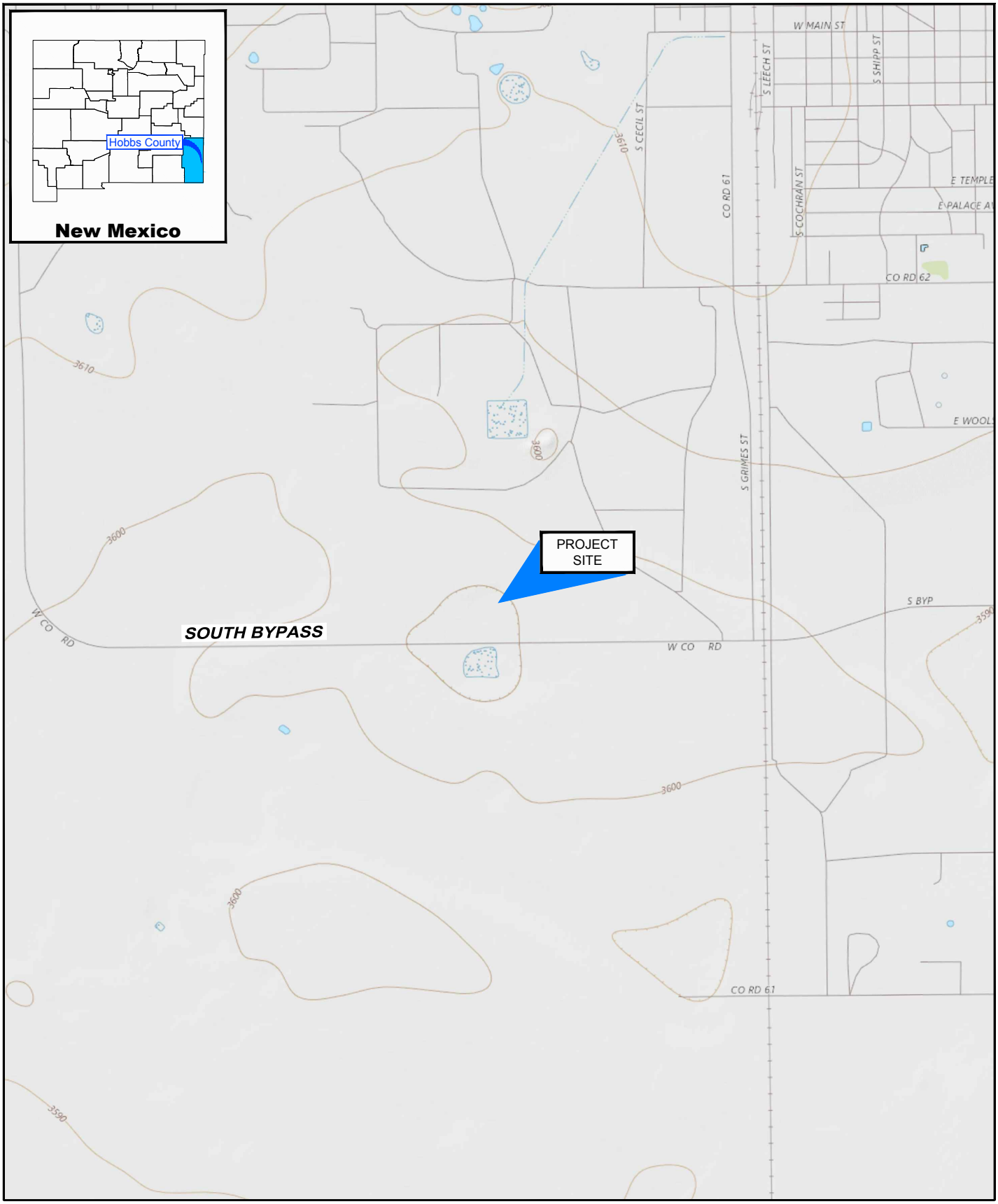
All of Which is Respectfully Submitted,

GHD

David Bonga
Project Manager

Christina Ruby
Portfolio Manager

Figures



Source: USGS 7.5 Minute Quad "Hobbs West and Hobbs East, New Mexico"

Lat/Long: 32.669285° North, 103.156255° West

0 1000 2000ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

PHILLIPS 66 COMPANY
HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

11195988-RM00

Aug 14, 2019

SITE LOCATION MAP

FIGURE 1

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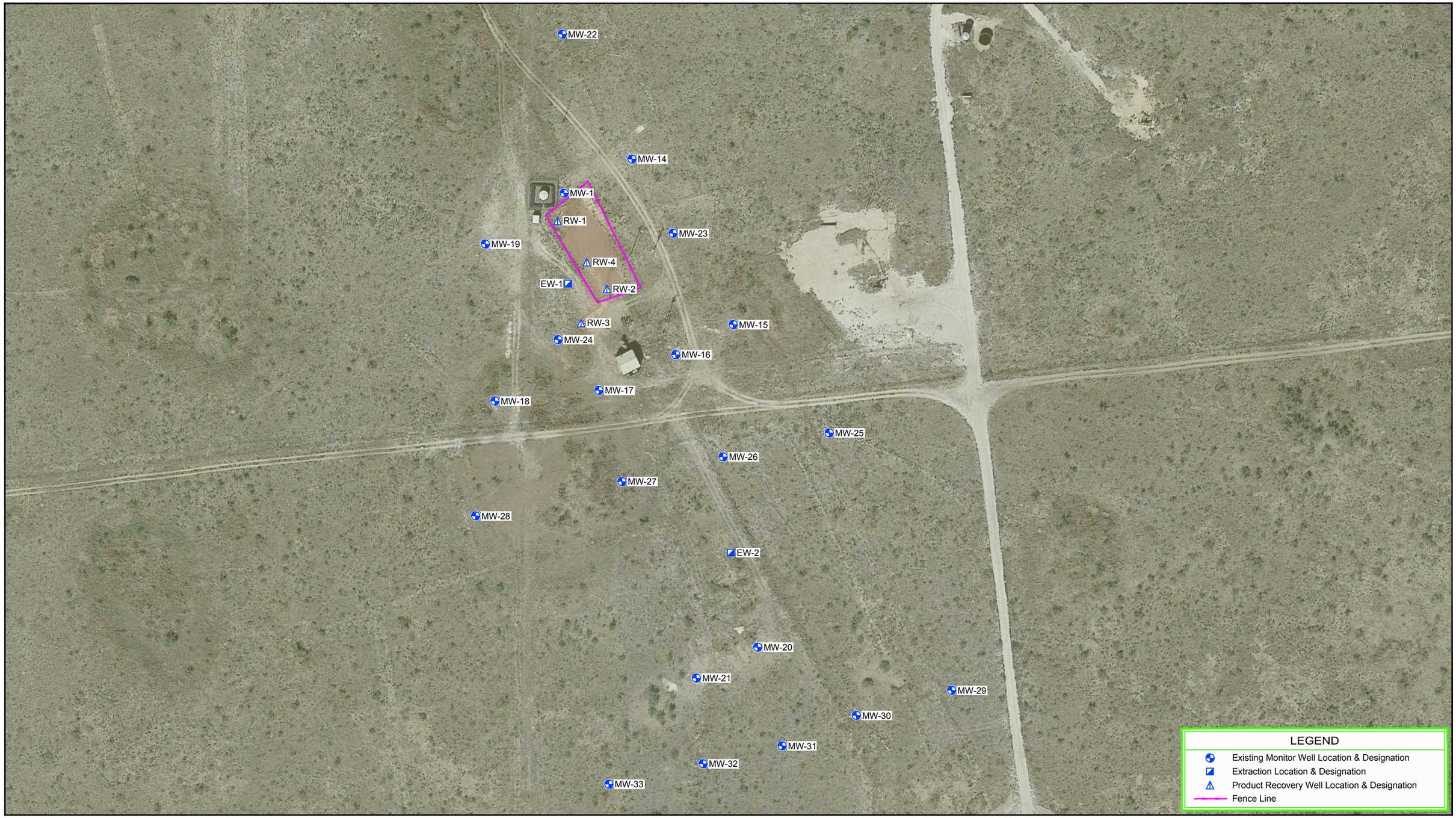

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SITE PLAN

FIGURE 2

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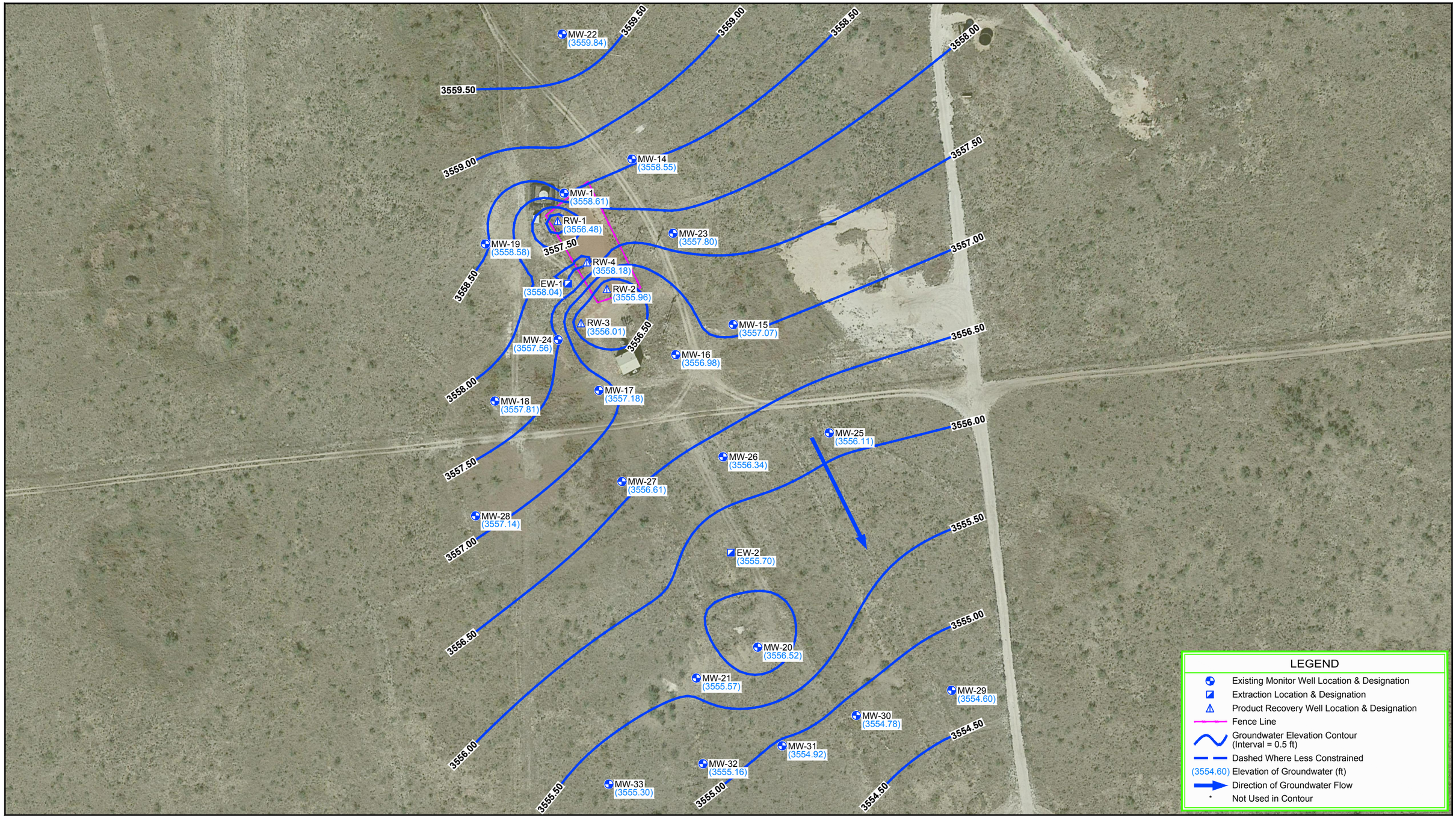

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Coordinate System:
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N

NOTES:

1. Groundwater elevations indicated are from measurements obtained on March 20, 2019.
2. The apparent groundwater gradient and direction of flow were determined to be approximately 0.00189 ft/ft to the south-southeast.

GHD

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GROUNDWATER GRADIENT MAP - MARCH 2019

FIGURE 3

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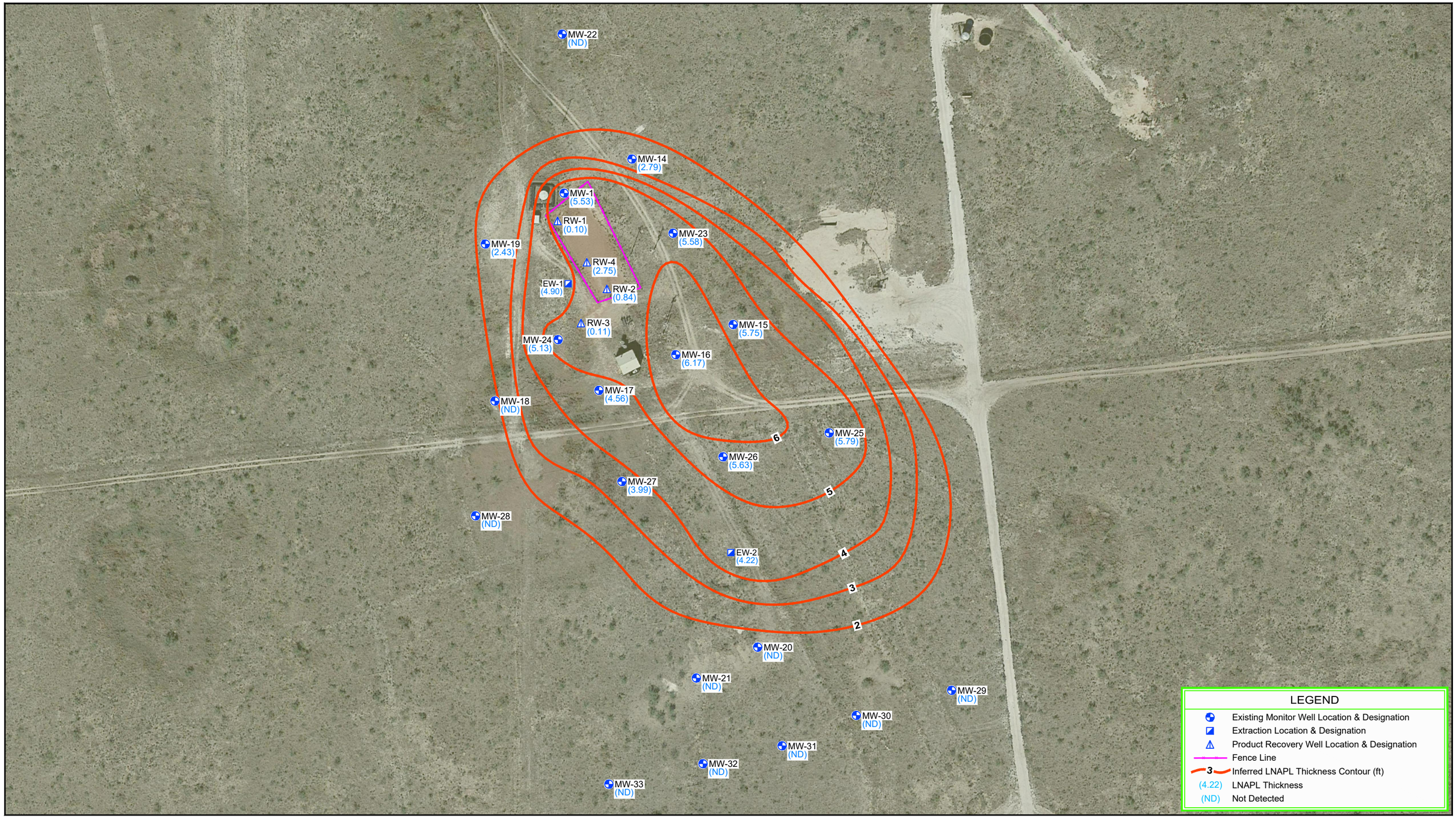

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0 60 120ft

Coordinate System:
NAD 1983 (2011) StatePlane-
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NOTES:

1. LNAPL thickness indicated are from measurements obtained on March 20, 2019.
2. RW-1, RW-2, RW-3, and RW-4 are not included in contouring.

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LINE NM 1-1

LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS CONTOUR MAP - MARCH 2019

11195988-RM00

Jan 6, 2020

FIGURE 4

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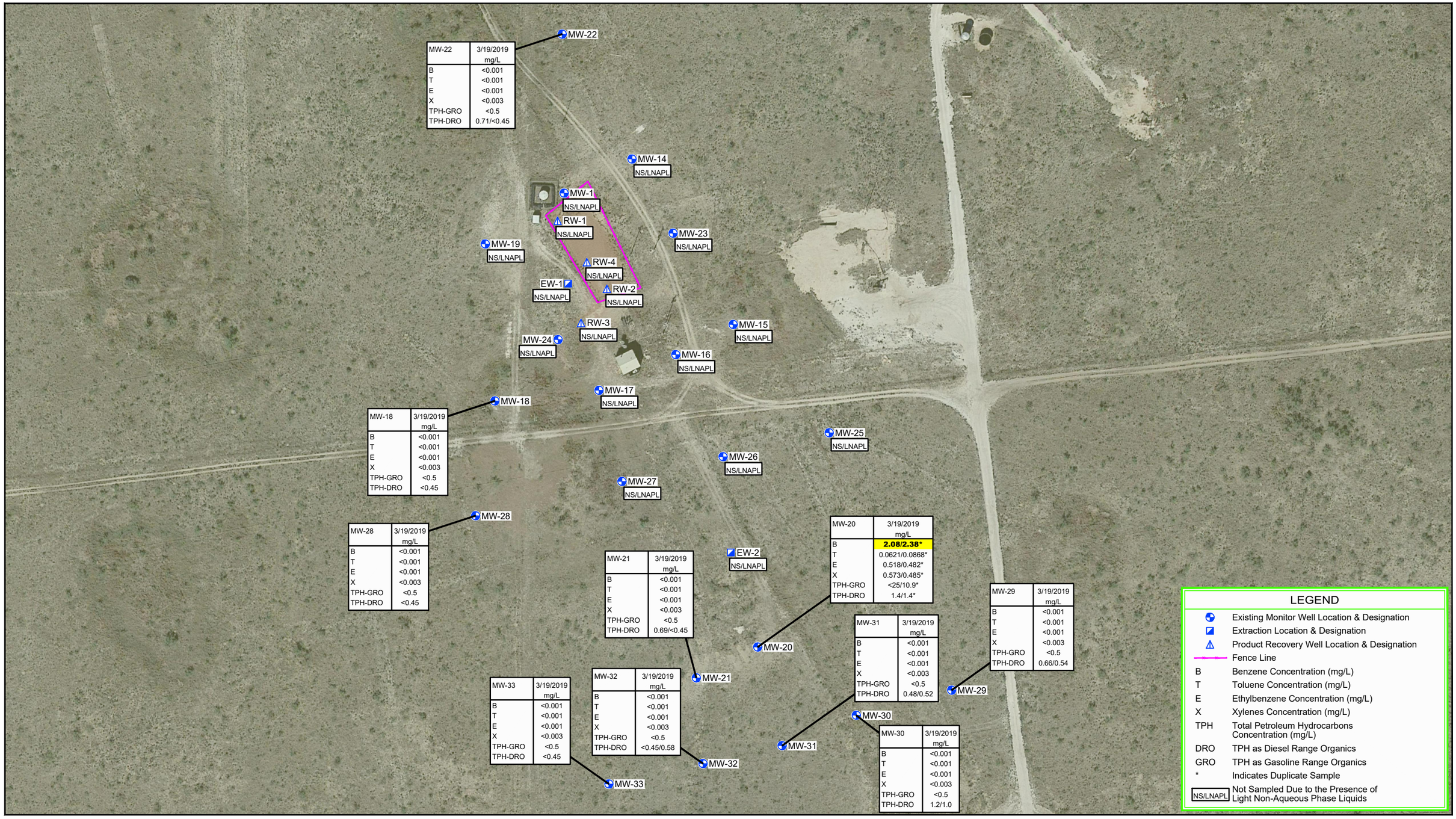

MW-22	3/19/2019 mg/L
B	<0.001
T	<0.001
E	<0.001
X	<0.003
TPH-GRO	<0.5
TPH-DRO	0.71/<0.45

MW-18	3/19/2019 mg/L
B	<0.001
T	<0.001
E	<0.001
X	<0.003
TPH-GRO	<0.5
TPH-DRO	<0.45

MW-28	3/19/2019 mg/L
B	<0.001
T	<0.001
E	<0.001
X	<0.003
TPH-GRO	<0.5
TPH-DRO	<0.45

MW-21	3/19/2019 mg/L
B	<0.001
T	<0.001
E	<0.001
X	<0.003
TPH-GRO	<0.5
TPH-DRO	0.69/<0.45

MW-20	3/19/2019 mg/L
B	**2.08/2.38***
T	0.0621/0.0868*
E	0.518/0.482*
X	0.573/0.485*
TPH-GRO	<25/10.9*
TPH-DRO	1.4/1.4*

MW-29	3/19/2019 mg/L
B	<0.001
T	<0.001
E	<0.001
X	<0.003
TPH-GRO	<0.5
TPH-DRO	0.66/0.54

MW-31	3/19/2019 mg/L
B	<0.001
T	<0.001
E	<0.001
X	<0.003
TPH-GRO	<0.5
TPH-DRO	0.48/0.52

MW-30	3/19/2019 mg/L
B	<0.001
T	<0.001
E	<0.001
X	<0.003
TPH-GRO	<0.5
TPH-DRO	1.2/1.0

MW-32	3/19/2019 mg/L
B	<0.001
T	<0.001
E	<0.001
X	<0.003
TPH-GRO	<0.5
TPH-DRO	<0.45/0.58

MW-33	3/19/2019 mg/L
B	<0.001
T	<0.001
E	<0.001
X	<0.003
TPH-GRO	<0.5
TPH-DRO	<0.45

LEGEND

- Existing Monitor Well Location & Designation
- Extraction Location & Designation
- Product Recovery Well Location & Designation
- Fence Line
- B — Benzene Concentration (mg/L)
- T — Toluene Concentration (mg/L)
- E — Ethylbenzene Concentration (mg/L)
- X — Xylenes Concentration (mg/L)
- TPH — Total Petroleum Hydrocarbons Concentration (mg/L)
- DRO — TPH as Diesel Range Organics
- GRO — TPH as Gasoline Range Organics
- * — Indicates Duplicate Sample
- NS/LNAPL — Not Sampled Due to the Presence of Light Non-Aqueous Phase Liquids

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Lat/Long: 32.669285° North, 103.156255° West

0 60 120ft

Coordinate System: NAD 1983 (2011) StatePlane- New Mexico East (US Feet)

NOTES:

1. Groundwater concentrations indicated are from samples collected on March 19, 2019.
2. Yellow shading indicates exceedance of NMWQCC groundwater quality standards.

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HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

11195988-RM00

Jan 15, 2020

GROUNDWATER ANALYTICAL RESULTS - MARCH 2019

FIGURE 5

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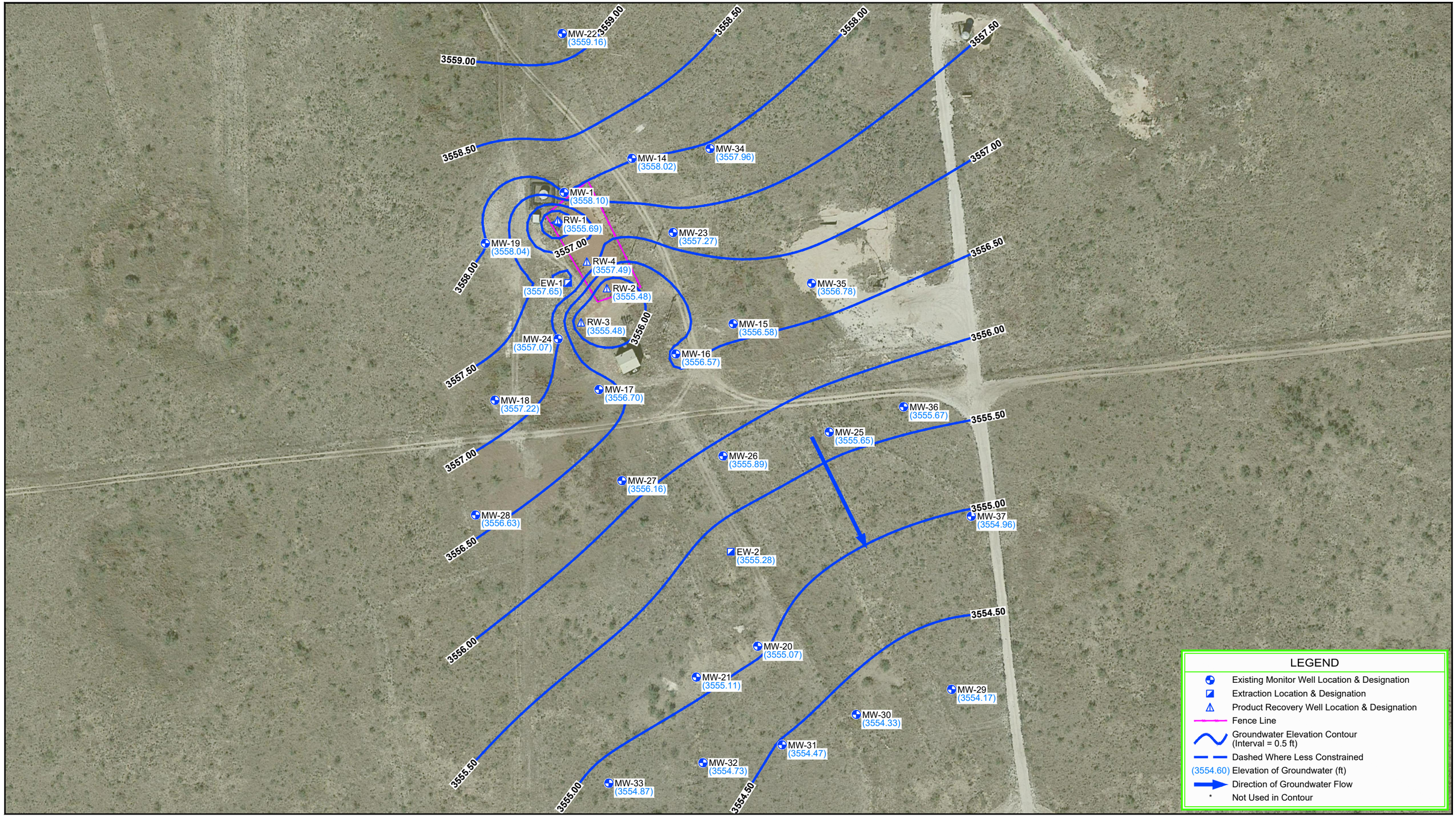

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NOTES:

1. Groundwater elevations indicated are from measurements obtained on September 16, 2019.
2. The apparent groundwater gradient and direction of flow were determined to be approximately 0.005 ft/ft to the south-southeast.

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LINE NM 1-1

11195988-RM00

Jan 2, 2020

GROUNDWATER GRADIENT MAP - SEPTEMBER 2019

FIGURE 6

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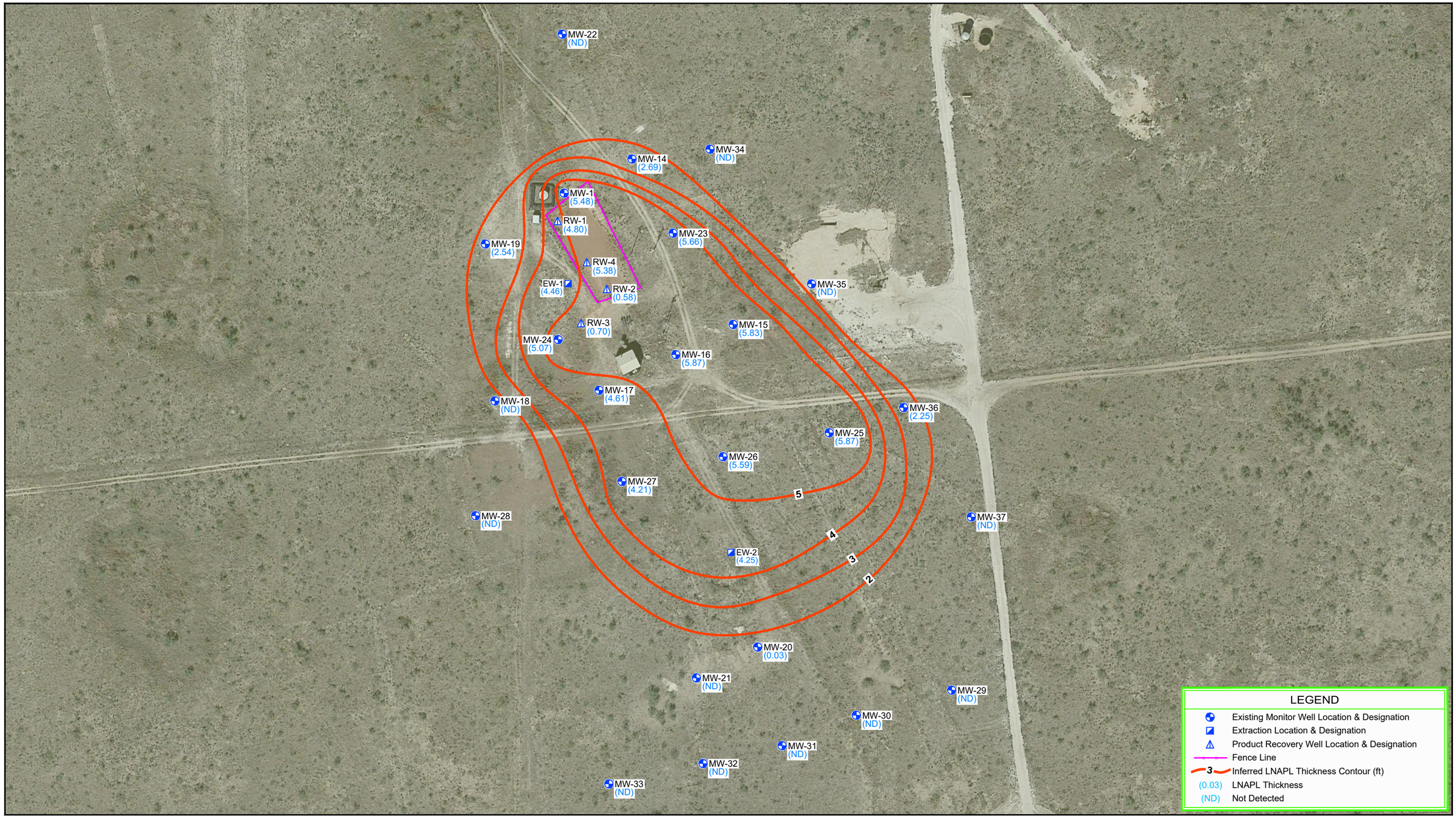

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0 60 120ft

Coordinate System:
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New Mexico East (US Feet)

NOTES:

1. LNAPL thickness indicated are from measurements obtained on September 16, 2019.
2. RW-2 and RW-3 are not included in contouring.

PHILLIPS 66 COMPANY
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LINE NM 1-1

LIGHT NON-AQUEOUS PHASE LIQUID THICKNESS CONTOUR MAP - SEPTEMBER 2019

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FIGURE 7

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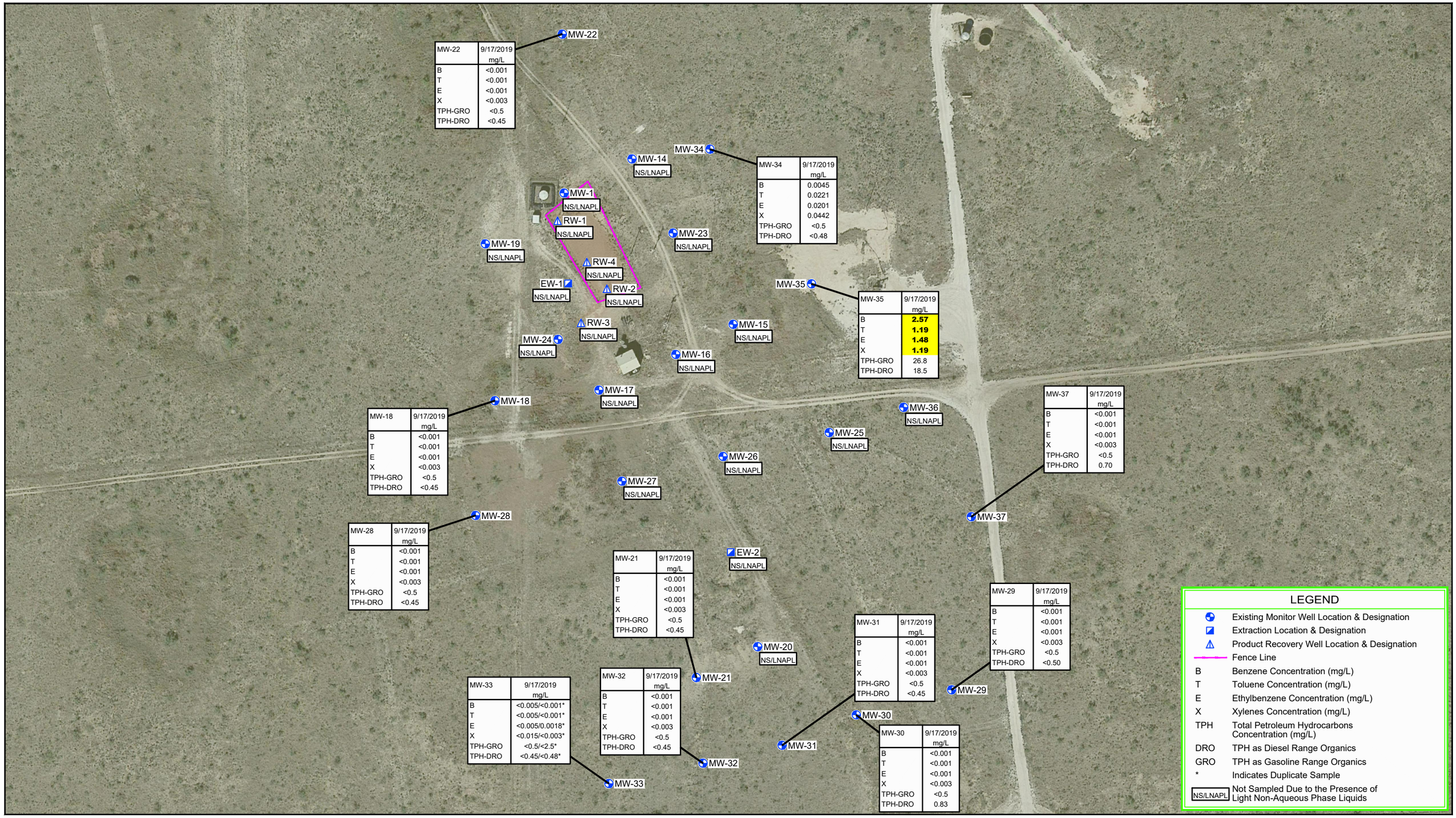

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0 60 120ft

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NOTES:

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2. Yellow shading indicates exceedance of NMWQCC groundwater quality standards.

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HOBBS, LEA COUNTY, NEW MEXICO
LINE NM 1-1

11195988-RM00

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GROUNDWATER ANALYTICAL RESULTS - SEPTEMBER 2019

FIGURE 8

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Tables

2019 Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	03/20/19	3603.30	43.58	49.11	5.53	3558.61
MW-1	09/16/19	3603.30	44.10	49.58	5.48	3558.10
MW-14	03/20/19	3601.93	42.82	45.61	2.79	3558.55
MW-14	09/16/19	3601.93	43.37	46.06	2.69	3558.02
MW-15	03/20/19	3601.97	43.75	49.50	5.75	3557.07
MW-15	09/16/19	3601.97	44.22	50.05	5.83	3556.58
MW-16	03/20/19	3601.54	43.33	49.50	6.17	3556.98
MW-16	09/16/19	3601.54	43.80	49.67	5.87	3556.57
MW-17	03/20/19	3598.99	40.90	45.46	4.56	3557.18
MW-17	09/16/19	3598.99	41.37	45.98	4.61	3556.70
MW-18	03/20/19	3598.88	--	41.07	--	3557.81
MW-18	09/16/19	3598.88	--	41.66	--	3557.22
MW-19	03/20/19	3601.25	42.18	44.61	2.43	3558.58
MW-19	09/16/19	3601.25	42.7	45.24	2.54	3558.04
MW-20	03/20/19	3600.85	--	44.33	--	3556.52
MW-20	09/16/19	3600.85	45.77	45.80	0.03	3555.07
MW-21	03/20/19	3600.33	--	44.76	--	3555.57
MW-21	09/16/19	3600.33	--	45.22	--	3555.11
MW-22	03/20/19	3601.49	--	41.65	--	3559.84
MW-22	09/16/19	3601.49	--	42.33	--	3559.16
MW-23	03/20/19	3602.28	43.36	48.94	5.58	3557.80
MW-23	09/16/19	3602.28	43.88	49.54	5.66	3557.27
MW-24	03/20/19	3599.36	40.77	45.90	5.13	3557.56
MW-24	09/16/19	3599.36	41.28	46.35	5.07	3557.07
MW-25	03/20/19	3602.44	45.17	50.96	5.79	3556.11
MW-25	09/16/19	3602.44	45.62	51.49	5.87	3555.65
MW-26	03/20/19	3601.17	43.7	49.33	5.63	3556.34
MW-26	09/16/19	3601.17	44.16	49.75	5.59	3555.89
MW-27	03/20/19	3598.65	41.24	45.23	3.99	3556.61
MW-27	09/16/19	3598.65	41.65	45.86	4.21	3556.16
MW-28	03/20/19	3598.89	--	41.75	--	3557.14
MW-28	09/16/19	3598.89	--	42.26	--	3556.63
MW-29	03/20/19	3602.19	--	47.59	--	3554.60
MW-29	09/16/19	3602.19	--	48.02	--	3554.17
MW-30	03/20/19	3601.68	--	46.90	--	3554.78
MW-30	09/16/19	3601.68	--	47.35	--	3554.33
MW-31	03/20/19	3600.67	--	45.75	--	3554.92
MW-31	09/16/19	3600.67	--	46.20	--	3554.47
MW-32	03/20/19	3600.06	--	44.90	--	3555.16
MW-32	09/16/19	3600.06	--	45.33	--	3554.73

2019 Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-33	03/20/19	3599.74	--	44.44	--	3555.30
MW-33	09/16/19	3599.74	--	44.87	--	3554.87
MW-34	09/16/19	3603.07	--	45.11	--	3557.96
MW-35	09/16/19	3603.07	--	46.29	--	3556.78
MW-36	09/16/19	3603.44	47.32	49.57	2.25	3555.67
MW-37	09/16/19	3603.62	--	48.66	--	3554.96
EW-1	03/20/19	3598.57	39.55	44.45	4.90	3558.04
EW-1	09/16/19	3598.57	40.03	44.49	4.46	3557.65
EW-2	03/20/19	3597.95	41.41	45.63	4.22	3555.70
EW-2	09/16/19	3597.95	41.82	46.07	4.25	3555.28
RW-1	03/20/19	3602.43	45.93	46.03	0.10	3556.48
RW-1	09/16/19	3602.43	45.78	50.58	4.80	3555.69
RW-2	03/20/19	3602.04	45.91	46.75	0.84	3555.96
RW-2	09/16/19	3602.04	46.44	47.02	0.58	3555.48
RW-3	03/20/19	3601.34	45.31	45.42	0.11	3556.01
RW-3	09/16/19	3601.34	45.72	46.42	0.70	3555.48
RW-4	03/20/19	3602.30	43.57	46.32	2.75	3558.18
RW-4	09/16/19	3602.30	43.73	49.11	5.38	3557.49

Notes:
ft - feet
ft-bgs - feet below ground surface
ft-amsl = feet above mean sea level
LNAPL = Light non-aqueous phase liquid
-- = not detected
DRY = indicates well was observed dry during gauging
NM = not measured
Groundwater elevations in wells containing LNAPL were corrected with an assumption of specific gravity for LNAPL of 0.80
Data from April-July 2011 is missing due to transition of the Site from Tetra Tech to GHD

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	02/27/01	3603.30	30.13	36.20	6.07	3571.96
MW-1	06/25/01	3603.30	34.92	35.23	0.31	3568.32
MW-1	09/25/01	3603.30	34.64	40.28	5.64	3567.53
MW-1	12/11/01	3603.30	34.96	40.72	5.76	3567.19
MW-1	11/05/02	3603.30	35.76	41.32	5.56	3566.43
MW-1	04/21/03	3603.30	36.33	41.52	5.19	3565.93
MW-1	06/23/03	3603.30	36.29	41.89	5.60	3565.89
MW-1	11/05/03	3603.30	36.50	41.83	5.33	3565.73
MW-1	01/19/04	3603.30	37.06	42.39	5.33	3565.17
MW-1	04/19/04	3603.30	37.29	42.07	4.78	3565.05
MW-1	07/20/04	3603.30	37.03	40.91	3.88	3565.49
MW-1	10/25/04	3603.30	34.78	35.26	0.48	3568.42
MW-1	01/24/05	3603.30	32.92	33.36	0.44	3570.29
MW-1	04/18/05	3603.30	33.32	35.54	2.22	3569.54
MW-1	07/18/05	3603.30	34.08	36.48	2.40	3568.74
MW-1	08/19/05	3603.30	34.43	37.13	2.70	3568.33
MW-1	10/17/05	3603.30	34.10	35.90	1.80	3568.84
MW-1	11/16/05	3603.30	34.19	35.78	1.59	3568.79
MW-1	11/29/05	3603.30	34.28	35.95	1.67	3568.69
MW-1	12/12/05	3603.30	34.35	36.31	1.96	3568.56
MW-1	12/21/05	3603.30	34.31	36.82	2.51	3568.49
MW-1	12/28/05	3603.30	34.44	36.75	2.31	3568.40
MW-1	01/04/06	3603.30	34.52	36.91	2.39	3568.30
MW-1	01/11/06	3603.30	34.49	36.91	2.42	3568.33
MW-1	01/16/06	3603.30	34.92	34.99	0.07	3568.37
MW-1	01/23/06	3603.30	34.79	36.51	1.72	3568.17
MW-1	02/01/06	3603.30	34.98	35.21	0.23	3568.27
MW-1	02/16/06	3603.30	35.08	35.25	0.17	3568.19
MW-1	03/06/06	3603.30	35.26	35.42	0.16	3568.01
MW-1	03/29/06	3603.30	35.49	35.56	0.07	3567.80
MW-1	04/04/06	3603.30	35.52	35.61	0.09	3567.76
MW-1	04/11/06	3603.30	35.52	35.88	0.36	3567.71
MW-1	04/17/06	3603.30	35.46	35.71	0.25	3567.79
MW-1	04/24/06	3603.30	35.33	37.23	1.90	3567.59
MW-1	05/03/06	3603.30	35.75	35.96	0.21	3567.51
MW-1	05/31/06	3603.30	35.93	36.02	0.09	3567.35
MW-1	06/09/06	3603.30	35.91	36.25	0.34	3567.32
MW-1	06/12/06	3603.30	36.02	36.13	0.11	3567.26
MW-1	06/26/06	3603.30	35.92	37.02	1.10	3567.16
MW-1	07/05/06	3603.30	35.94	37.51	1.57	3567.05
MW-1	07/10/06	3603.30	36.06	37.04	0.98	3567.04
MW-1	07/17/06	3603.30	35.96	37.97	2.01	3566.94
MW-1	07/24/06	3603.30	35.88	38.26	2.38	3566.94
MW-1	08/08/06	3603.30	35.93	38.56	2.63	3566.84
MW-1	08/14/06	3603.30	36.01	38.81	2.80	3566.73
MW-1	08/28/06	3603.30	35.99	38.83	2.84	3566.74
MW-1	09/14/06	3603.30	35.64	37.95	2.31	3567.20
MW-1	09/21/06	3603.30	35.55	37.62	2.07	3567.34
MW-1	09/25/06	3603.30	35.52	37.40	1.88	3567.40
MW-1	10/02/06	3603.30	35.49	36.70	1.21	3567.57

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	10/10/06	3603.30	35.42	36.52	1.10	3567.66
MW-1	10/16/06	3603.30	35.41	35.97	0.56	3567.78
MW-1	10/23/06	3603.30	35.17	36.41	1.24	3567.88
MW-1	10/30/06	3603.30	35.45	35.54	0.09	3567.83
MW-1	11/06/06	3603.30	35.38	35.45	0.07	3567.91
MW-1	11/21/06	3603.30	35.40	35.46	0.06	3567.89
MW-1	11/28/06	3603.30	35.42	35.50	0.08	3567.86
MW-1	12/05/06	3603.30	35.36	36.05	0.69	3567.80
MW-1	12/11/06	3603.30	35.49	35.54	0.05	3567.80
MW-1	12/18/06	3603.30	35.56	35.61	0.05	3567.73
MW-1	01/02/07	3603.30	35.72	35.83	0.11	3567.56
MW-1	01/08/07	3603.30	35.36	35.83	0.47	3567.85
MW-1	01/23/07	3603.30	35.47	37.26	1.79	3567.47
MW-1	02/05/07	3603.30	36.03	36.14	0.11	3567.25
MW-1	02/26/07	3603.30	36.17	36.68	0.51	3567.03
MW-1	03/05/07	3603.30	36.27	36.36	0.09	3567.01
MW-1	03/13/07	3603.30	36.22	36.91	0.69	3566.94
MW-1	03/19/07	3603.30	36.35	36.46	0.11	3566.93
MW-1	03/26/07	3603.30	36.05	36.05	0.00	3567.25
MW-1	04/02/07	3603.30	36.05	38.76	2.71	3566.71
MW-1	04/23/07	3603.30	35.93	39.09	3.16	3566.74
MW-1	05/01/07	3603.30	36.11	39.21	3.10	3566.57
MW-1	05/29/07	3603.30	36.07	39.24	3.17	3566.60
MW-1	06/04/07	3603.30	36.06	39.20	3.14	3566.61
MW-1	06/11/07	3603.30	36.04	39.20	3.16	3566.63
MW-1	06/18/07	3603.30	36.03	39.22	3.19	3566.63
MW-1	06/26/07	3603.30	35.92	39.20	3.28	3566.72
MW-1	07/09/07	3603.30	36.00	39.18	3.18	3566.66
MW-1	07/17/07	3603.30	36.00	39.20	3.20	3566.66
MW-1	07/23/07	3603.30	35.94	39.17	3.23	3566.71
MW-1	07/30/07	3603.30	35.99	39.18	3.19	3566.67
MW-1	08/08/07	3603.30	36.03	39.24	3.21	3566.63
MW-1	08/20/07	3603.30	36.11	39.32	3.21	3566.55
MW-1	08/27/07	3603.30	36.12	39.44	3.32	3566.52
MW-1	09/04/07	3603.30	36.18	39.39	3.21	3566.48
MW-1	09/10/07	3603.30	36.15	39.48	3.33	3566.48
MW-1	09/25/07	3603.30	35.99	39.11	3.12	3566.69
MW-1	10/02/07	3603.30	35.89	38.78	2.89	3566.83
MW-1	10/11/07	3603.30	35.87	38.37	2.50	3566.93
MW-1	10/22/07	3603.30	35.69	38.02	2.33	3567.14
MW-1	10/31/07	3603.30	36.10	36.73	0.63	3567.07
MW-1	11/12/07	3603.30	35.85	37.97	2.12	3567.03
MW-1	11/19/07	3603.30	35.82	37.98	2.16	3567.05
MW-1	12/05/07	3603.30	35.88	38.31	2.43	3566.93
MW-1	12/10/07	3603.30	36.00	38.40	2.40	3566.82
MW-1	12/20/07	3603.30	36.06	38.55	2.49	3566.74
MW-1	01/07/08	3603.30	36.08	39.20	3.12	3566.60
MW-1	01/28/08	3603.30	36.02	39.55	3.53	3566.57
MW-1	02/12/08	3603.30	36.38	40.12	3.74	3566.17
MW-1	02/26/08	3603.30	36.49	40.14	3.65	3566.08

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	03/11/08	3603.30	36.60	39.98	3.38	3566.02
MW-1	03/17/08	3603.30	36.80	39.46	2.66	3565.97
MW-1	03/24/08	3603.30	36.67	40.22	3.55	3565.92
MW-1	03/31/08	3603.30	37.28	37.55	0.27	3565.97
MW-1	04/14/08	3603.30	37.24	38.20	0.96	3565.87
MW-1	04/21/08	3603.30	36.76	38.96	2.20	3566.10
MW-1	04/28/08	3603.30	37.25	38.66	1.41	3565.77
MW-1	05/20/08	3603.30	37.65	37.81	0.16	3565.62
MW-1	06/02/08	3603.30	37.17	40.10	2.93	3565.54
MW-1	06/09/08	3603.30	37.65	37.97	0.32	3565.59
MW-1	06/16/08	3603.30	37.40	39.62	2.22	3565.46
MW-1	06/30/08	3603.30	37.79	38.70	0.91	3565.33
MW-1	07/14/08	3603.30	37.80	38.93	1.13	3565.27
MW-1	07/21/08	3603.30	37.36	39.49	2.13	3565.51
MW-1	08/06/08	3603.30	37.95	38.68	0.73	3565.20
MW-1	08/18/08	3603.30	37.85	39.57	1.72	3565.11
MW-1	09/09/08	3603.30	38.16	38.62	0.46	3565.05
MW-1	09/15/08	3603.30	38.18	38.22	0.04	3565.11
MW-1	09/22/08	3603.30	37.85	40.16	2.31	3564.99
MW-1	09/29/08	3603.30	38.17	38.20	0.03	3565.12
MW-1	10/07/08	3603.30	37.76	40.30	2.54	3565.03
MW-1	10/14/08	3603.30	38.14	38.16	0.02	3565.16
MW-1	10/20/08	3603.30	37.50	39.63	2.13	3565.37
MW-1	10/27/08	3603.30	38.13	38.17	0.04	3565.16
MW-1	11/10/08	3603.30	37.57	40.75	3.18	3565.09
MW-1	11/24/08	3603.30	38.16	38.21	0.05	3565.13
MW-1	12/01/08	3603.30	37.61	40.62	3.01	3565.09
MW-1	12/08/08	3603.30	38.06	38.71	0.65	3565.11
MW-1	12/24/08	3603.30	38.26	38.36	0.10	3565.02
MW-1	12/29/08	3603.30	37.97	39.78	1.81	3564.97
MW-1	01/06/09	3603.30	38.30	38.32	0.02	3565.00
MW-1	01/19/09	3603.30	37.85	41.10	3.25	3564.80
MW-1	01/26/09	3603.30	38.17	40.34	2.17	3564.70
MW-1	02/10/09	3603.30	37.86	41.81	3.95	3564.65
MW-1	02/26/09	3603.30	37.85	42.15	4.30	3564.59
MW-1	03/02/09	3603.30	37.85	42.22	4.37	3564.58
MW-1	03/09/09	3603.30	38.48	38.56	0.08	3564.80
MW-1	03/16/09	3603.30	38.10	41.10	3.00	3564.60
MW-1	03/24/09	3603.30	38.55	38.60	0.05	3564.74
MW-1	03/30/09	3603.30	38.14	41.00	2.86	3564.59
MW-1	04/06/09	3603.30	38.35	41.18	2.83	3564.38
MW-1	04/14/09	3603.30	38.64	38.70	0.06	3564.65
MW-1	04/20/09	3603.30	37.94	40.78	2.84	3564.79
MW-1	04/28/09	3603.30	38.70	38.75	0.05	3564.59
MW-1	05/11/09	3603.30	38.69	38.76	0.07	3564.60
MW-1	05/26/09	3603.30	38.34	41.07	2.73	3564.41
MW-1	06/01/09	3603.30	38.20	42.00	3.80	3564.34
MW-1	06/02/09	3603.30	38.56	40.04	1.48	3564.44
MW-1	06/09/09	3603.30	38.27	41.75	3.48	3564.33
MW-1	06/15/09	3603.30	38.18	42.50	4.32	3564.26

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	06/29/09	3603.30	38.13	42.92	4.79	3564.21
MW-1	07/06/09	3603.30	38.15	43.25	5.10	3564.13
MW-1	07/14/09	3603.30	38.05	43.17	5.12	3564.23
MW-1	07/20/09	3603.30	38.91	38.90	0.01	3564.39
MW-1	07/27/09	3603.30	38.20	41.77	3.57	3564.39
MW-1	08/03/09	3603.30	38.93	39.10	0.17	3564.34
MW-1	08/04/09	3603.30	38.90	38.89	0.01	3564.40
MW-1	08/12/09	3603.30	38.24	42.05	3.81	3564.30
MW-1	08/24/09	3603.30	38.91	38.96	0.05	3564.38
MW-1	08/31/09	3603.30	38.15	41.80	3.65	3564.42
MW-1	09/08/09	3603.30	38.79	39.00	0.21	3564.47
MW-1	09/16/09	3603.30	38.08	42.60	4.52	3564.32
MW-1	09/28/09	3603.30	38.71	38.82	0.11	3564.57
MW-1	10/05/09	3603.30	38.90	39.10	0.20	3564.36
MW-1	10/12/09	3603.30	38.26	41.75	3.49	3564.34
MW-1	10/26/09	3603.30	38.18	42.56	4.38	3564.24
MW-1	11/03/09	3603.30	38.90	39.00	0.10	3564.38
MW-1	11/10/09	3603.30	38.35	41.88	3.53	3564.24
MW-1	11/23/09	3603.30	38.95	39.00	0.05	3564.34
MW-1	11/30/09	3603.30	38.43	41.89	3.46	3564.18
MW-1	12/07/09	3603.30	38.95	39.01	0.06	3564.34
MW-1	12/22/09	3603.30	38.38	42.70	4.32	3564.06
MW-1	01/04/10	3603.30	38.88	40.25	1.37	3564.15
MW-1	01/11/10	3603.30	38.54	42.30	3.76	3564.01
MW-1	01/18/10	3603.30	39.15	39.17	0.02	3564.15
MW-1	01/25/10	3603.30	38.61	42.20	3.59	3563.97
MW-1	02/01/10	3603.30	39.23	39.30	0.07	3564.06
MW-1	02/08/10	3603.30	38.65	42.27	3.62	3563.93
MW-1	02/22/10	3603.30	39.24	39.30	0.06	3564.05
MW-1	03/01/10	3603.30	38.70	42.27	3.57	3563.89
MW-1	03/08/10	3603.30	39.25	39.29	0.04	3564.04
MW-1	03/22/10	3603.30	38.58	43.00	4.42	3563.84
MW-1	03/29/10	3603.30	38.74	42.25	3.51	3563.86
MW-1	04/05/10	3603.30	39.27	39.33	0.06	3564.02
MW-1	04/13/10	3603.30	38.69	42.83	4.14	3563.78
MW-1	04/19/10	3603.30	39.33	39.35	0.02	3563.97
MW-1	04/26/10	3603.30	38.75	42.54	3.79	3563.79
MW-1	05/03/10	3603.30	39.37	39.42	0.05	3563.92
MW-1	05/14/10	3603.30	38.60	39.73	1.13	3564.47
MW-1	05/20/10	3603.30	39.39	39.46	0.07	3563.90
MW-1	05/27/10	3603.30	38.76	43.00	4.24	3563.69
MW-1	06/01/10	3603.30	38.93	42.30	3.37	3563.70
MW-1	06/07/10	3603.30	39.45	39.51	0.06	3563.84
MW-1	06/15/10	3603.30	38.82	43.25	4.43	3563.59
MW-1	06/28/10	3603.30	39.50	39.60	0.10	3563.78
MW-1	07/06/10	3603.30	38.83	43.08	4.25	3563.62
MW-1	07/13/10	3603.30	38.45	42.48	4.03	3564.04
MW-1	07/19/10	3603.30	38.38	41.80	3.42	3564.24
MW-1	07/26/10	3603.30	38.20	41.68	3.48	3564.40
MW-1	07/27/10	3603.30	38.16	41.58	3.42	3564.46

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	07/28/10	3603.30	38.04	41.63	3.59	3564.54
MW-1	08/09/10	3603.30	38.02	41.00	2.98	3564.68
MW-1	08/16/10	3603.30	37.95	40.60	2.65	3564.82
MW-1	08/30/10	3603.30	37.85	40.28	2.43	3564.96
MW-1	09/08/10	3603.30	38.21	38.70	0.49	3564.99
MW-1	09/13/10	3603.30	38.07	38.13	0.06	3565.22
MW-1	09/20/10	3603.30	37.76	39.98	2.22	3565.10
MW-1	09/27/10	3603.30	37.75	40.11	2.36	3565.08
MW-1	10/04/10	3603.30	37.75	40.50	2.75	3565.00
MW-1	10/12/10	3603.30	38.13	38.20	0.07	3565.16
MW-1	10/19/10	3603.30	37.81	40.50	2.69	3564.95
MW-1	10/25/10	3603.30	37.76	40.61	2.85	3564.97
MW-1	11/01/10	3603.30	37.87	41.40	3.53	3564.72
MW-1	11/09/10	3603.30	37.89	41.00	3.11	3564.79
MW-1	11/22/10	3603.30	37.99	41.40	3.41	3564.63
MW-1	12/06/10	3603.30	38.55	38.68	0.13	3564.72
MW-1	01/03/11	3603.30	38.18	42.12	3.94	3564.33
MW-1	01/17/11	3603.30	38.72	39.80	1.08	3564.36
MW-1	01/29/11	3603.30	38.41	43.10	4.69	3563.95
MW-1	01/31/11	3603.30	38.78	40.28	1.50	3564.22
MW-1	02/07/11	3603.30	38.80	40.30	1.50	3564.20
MW-1	02/15/11	3603.30	38.86	40.87	2.01	3564.04
MW-1	03/01/11	3603.30	38.81	41.66	2.85	3563.92
MW-1	03/07/11	3603.30	38.73	42.40	3.67	3563.84
MW-1	03/21/11	3603.30	38.39	42.80	4.41	3564.03
MW-1	03/28/11	3603.30	38.75	43.33	4.58	3563.63
MW-1	07/29/11	3603.30	39.16	44.28	5.12	3563.12
MW-1	08/04/11	3603.30	39.11	44.45	5.34	3563.12
MW-1	08/11/11	3603.30	39.15	44.51	5.36	3563.08
MW-1	08/16/11	3603.30	39.16	44.56	5.40	3563.06
MW-1	09/14/11	3603.30	39.33	44.56	5.23	3562.92
MW-1	10/10/11	3603.30	39.45	44.66	5.21	3562.81
MW-1	11/18/11	3603.30	39.56	44.96	5.40	3562.66
MW-1	01/06/12	3603.30	39.75	45.14	5.39	3562.47
MW-1	01/26/12	3603.30	39.81	45.23	5.42	3562.41
MW-1	02/23/12	3603.30	39.92	45.41	5.49	3562.28
MW-1	03/29/12	3603.30	40.16	44.98	4.82	3562.18
MW-1	04/19/12	3603.30	40.19	42.58	2.39	3562.63
MW-1	05/29/12	3603.30	40.37	45.53	5.16	3561.90
MW-1	06/07/12	3603.30	40.40	45.55	5.15	3561.87
MW-1	09/20/12	3603.30	40.45	46.10	5.65	3561.72
MW-1	11/15/12	3603.30	40.69	46.23	5.54	3561.50
MW-1	11/29/12	3603.30	41.03	44.35	3.32	3561.61
MW-1	12/20/12	3603.30	40.95	45.35	4.40	3561.47
MW-1	02/26/13	3603.30	41.13	45.64	4.51	3561.27
MW-1	03/07/13	3603.30	41.09	45.16	4.07	3561.40
MW-1	03/14/13	3603.30	41.27	44.08	2.81	3561.47
MW-1	04/10/13	3603.30	41.27	44.47	3.20	3561.39
MW-1	05/09/13	3603.30	41.38	45.29	3.91	3561.14
MW-1	06/07/13	3603.30	41.37	45.71	4.34	3561.06

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	07/02/13	3603.30	41.35	46.04	4.69	3561.01
MW-1	07/22/13	3603.30	41.75	45.47	3.72	3560.81
MW-1	08/22/13	3603.30	42.30	42.55	0.25	3560.95
MW-1	09/19/13	3603.30	42.36	42.46	0.10	3560.92
MW-1	10/03/13	3603.30	42.37	42.59	0.22	3560.89
MW-1	11/27/13	3603.30	42.47	42.58	0.11	3560.81
MW-1	01/21/14	3603.30	42.53	42.94	0.41	3560.69
MW-1	02/13/14	3603.30	42.55	43.45	0.90	3560.57
MW-1	03/10/14	3603.30	42.46	44.43	1.97	3560.45
MW-1	03/24/14	3603.30	42.40	44.97	2.57	3560.39
MW-1	04/28/14	3603.30	42.54	44.87	2.33	3560.29
MW-1	06/09/14	3603.30	43.01	43.32	0.31	3560.23
MW-1	07/28/14	3603.30	43.02	44.51	1.49	3559.98
MW-1	08/19/14	3603.30	43.29	43.67	0.38	3559.93
MW-1	10/01/14	3603.30	42.94	46.43	3.49	3559.66
MW-1	11/24/14	3603.30	42.36	47.69	5.33	3559.87
MW-1	01/08/15	3603.30	42.18	47.30	5.12	3560.10
MW-1	03/09/15	3603.30	42.35	47.38	5.03	3559.94
MW-1	04/22/15	3603.30	42.49	47.70	5.21	3559.77
MW-1	04/24/15	3603.30	43.10	44.31	1.21	3559.96
MW-1	05/13/15	3603.30	43.25	44.04	0.79	3559.89
MW-1	05/27/15	3603.30	43.00	45.56	2.56	3559.79
MW-1	06/08/15	3603.30	43.19	43.83	0.64	3559.98
MW-1	06/24/15	3603.30	42.89	45.36	2.47	3559.92
MW-1	07/07/15	3603.30	42.84	45.28	2.44	3559.97
MW-1	07/08/15	3603.30	43.00	44.34	1.34	3560.03
MW-1	07/29/15	3603.30	42.75	45.60	2.85	3559.98
MW-1	08/18/15	3603.30	42.52	46.53	4.01	3559.98
MW-1	09/29/15	3603.30	42.38	46.92	4.54	3560.01
MW-1	11/20/15	3603.30	42.28	46.72	4.44	3560.13
MW-1	02/04/16	3603.30	42.17	45.40	3.23	3560.48
MW-1	03/03/16	3603.30	42.32	45.08	2.76	3560.43
MW-1	03/23/16	3603.30	42.59	45.20	2.61	3560.19
MW-1	04/14/16	3603.30	42.55	45.20	2.65	3560.22
MW-1	05/19/16	3603.30	42.17	45.09	2.92	3560.55
MW-1	06/16/16	3603.30	42.90	45.31	2.41	3559.92
MW-1	07/27/16	3603.30	43.11	45.28	2.17	3559.76
MW-1	07/28/16	3603.30	43.11	45.28	2.17	3559.76
MW-1	09/15/16	3603.30	43.12	45.31	2.19	3559.74
MW-1	09/19/16	3603.30	43.12	45.31	2.19	3559.74
MW-1	10/20/16	3603.30	42.71	46.41	3.70	3559.85
MW-1	12/15/16	3603.30	42.82	45.51	2.69	3559.94
MW-1	03/22/17	3603.30	42.42	45.25	2.83	3560.31
MW-1	09/19/17	3603.30	43.07	45.46	2.39	3559.75
MW-1	10/19/17	3603.30	42.94	45.17	2.23	3559.91
MW-1	11/15/17	3603.30	42.75	45.48	2.73	3560.00
MW-1	03/20/18	3603.30	43.04	46.40	3.36	3559.59
MW-1	06/04/18	3603.30	43.40	46.97	3.57	3559.19
MW-1	09/17/18	3603.30	43.45	48.77	5.32	3558.79
MW-1	03/20/19	3603.30	43.58	49.11	5.53	3558.61

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-1	09/16/19	3603.30	44.10	49.58	5.48	3558.10
MW-2 (NIW-1)	02/27/01	3601.57	--	32.16	--	3569.41
MW-2 (NIW-1)	06/25/01	3601.57	--	32.60	--	3568.97
MW-2 (NIW-1)	09/25/01	3601.57	--	33.12	--	3568.45
MW-2 (NIW-1)	12/11/01	3601.57	--	33.51	--	3568.06
MW-2 (NIW-1)	05/20/02	3601.57	--	33.75	--	3567.82
MW-2 (NIW-1)	03/22/17	3601.57	--	40.35	--	3561.22
MW-2 (NIW-1)	09/19/17	3601.57	--	40.92	--	3560.65
MW-3	02/27/01	3602.77	33.88	38.93	5.05	3567.88
MW-3	06/25/01	3602.77	35.23	39.44	4.21	3566.70
MW-3	09/25/01	3602.77	35.79	40.41	4.62	3566.06
MW-3	12/11/01	3602.77	36.12	40.83	4.71	3565.71
MW-3	11/05/02	3602.77	36.82	41.26	4.44	3565.06
MW-3	04/21/03	3602.77	37.14	41.52	4.38	3564.75
MW-3	06/23/03	3602.77	36.77	37.93	1.16	3565.77
MW-3	11/05/03	3602.77	38.01	42.31	4.30	3563.90
MW-3	01/19/04	3602.77	38.36	42.68	4.32	3563.55
MW-3	04/19/04	3602.77	38.31	42.08	3.77	3563.71
MW-3	07/20/04	3602.77	38.01	41.09	3.08	3564.14
MW-3	10/25/04	3602.77	--	35.38	--	3567.39
MW-3	01/24/05	3602.77	33.51	35.22	1.71	3568.92
MW-3	04/18/05	3602.77	34.21	36.20	1.99	3568.16
MW-3	07/18/05	3602.77	35.15	37.30	2.15	3567.19
MW-3	08/19/05	3602.77	35.43	37.93	2.50	3566.84
MW-3	09/15/05	3602.77	35.30	37.05	1.75	3567.12
MW-3	09/29/05	3602.77	35.40	35.65	0.25	3567.32
MW-3	10/11/05	3602.77	35.26	35.86	0.60	3567.39
MW-3	10/17/05	3602.77	35.17	35.86	0.69	3567.46
MW-3	11/03/05	3602.77	35.16	35.68	0.52	3567.51
MW-3	11/16/05	3602.77	35.29	35.83	0.54	3567.37
MW-3	11/22/05	3602.77	35.23	35.82	0.59	3567.42
MW-3	11/29/05	3602.77	35.40	35.85	0.45	3567.28
MW-3	12/28/05	3602.77	35.72	35.87	0.15	3567.02
MW-3	01/04/06	3602.77	35.75	36.13	0.38	3566.94
MW-3	01/11/06	3602.77	35.76	36.03	0.27	3566.96
MW-3	01/16/06	3602.77	35.81	36.24	0.43	3566.87
MW-3	01/23/06	3602.77	35.81	36.37	0.56	3566.85
MW-3	02/01/06	3602.77	36.00	36.10	0.10	3566.75
MW-3	02/16/06	3602.77	36.12	36.27	0.15	3566.62
MW-3	03/06/06	3602.77	36.29	36.49	0.20	3566.44
MW-3	03/29/06	3602.77	36.48	36.70	0.22	3566.25
MW-3	04/04/06	3602.77	36.51	36.76	0.25	3566.21
MW-3	04/11/06	3602.77	36.55	36.88	0.33	3566.15
MW-3	04/17/06	3602.77	36.57	36.89	0.32	3566.14
MW-3	04/24/06	3602.77	36.54	37.06	0.52	3566.13
MW-3	05/03/06	3602.77	36.72	36.91	0.19	3566.01
MW-3	05/31/06	3602.77	36.86	37.54	0.68	3565.77
MW-3	06/09/06	3602.77	36.90	37.70	0.80	3565.71

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	06/12/06	3602.77	37.06	37.21	0.15	3565.68
MW-3	06/26/06	3602.77	37.03	37.91	0.88	3565.56
MW-3	07/05/06	3602.77	37.08	38.04	0.96	3565.50
MW-3	07/10/06	3602.77	37.09	38.08	0.99	3565.48
MW-3	07/17/06	3602.77	37.14	38.14	1.00	3565.43
MW-3	07/24/06	3602.77	37.15	37.71	0.56	3565.51
MW-3	08/08/06	3602.77	37.30	37.58	0.28	3565.41
MW-3	08/14/06	3602.77	37.42	37.50	0.08	3565.33
MW-3	08/28/06	3602.77	37.29	37.68	0.39	3565.40
MW-3	09/14/06	3602.77	36.82	37.10	0.28	3565.89
MW-3	09/21/06	3602.77	36.70	36.74	0.04	3566.06
MW-3	09/25/06	3602.77	35.51	35.56	0.05	3567.25
MW-3	10/02/06	3602.77	35.51	35.50	0.01	3567.26
MW-3	10/10/06	3602.77	36.44	36.43	0.01	3566.33
MW-3	10/16/06	3602.77	36.39	36.40	0.01	3566.38
MW-3	10/23/06	3602.77	36.26	36.25	0.01	3566.51
MW-3	10/30/06	3602.77	36.31	36.30	0.01	3566.46
MW-3	11/06/06	3602.77	36.26	36.27	0.01	3566.51
MW-3	11/21/06	3602.77	36.29	36.30	0.01	3566.48
MW-3	11/28/06	3602.77	36.29	36.30	0.01	3566.48
MW-3	12/05/06	3602.77	36.34	36.35	0.01	3566.43
MW-3	12/11/06	3602.77	36.38	36.39	0.01	3566.39
MW-3	12/18/06	3602.77	36.45	36.47	0.02	3566.32
MW-3	01/02/07	3602.77	36.63	36.65	0.02	3566.14
MW-3	01/08/07	3602.77	36.68	36.69	0.01	3566.09
MW-3	01/23/07	3602.77	36.70	36.73	0.03	3566.06
MW-3	02/05/07	3602.77	36.94	37.02	0.08	3565.81
MW-3	02/26/07	3602.77	37.11	37.27	0.16	3565.63
MW-3	03/05/07	3602.77	37.17	37.40	0.23	3565.55
MW-3	03/13/07	3602.77	37.24	37.51	0.27	3565.48
MW-3	03/19/07	3602.77	37.26	37.59	0.33	3565.44
MW-3	03/26/07	3602.77	37.40	37.42	0.02	3565.37
MW-3	04/02/07	3602.77	37.39	37.59	0.20	3565.34
MW-3	04/23/07	3602.77	37.31	37.79	0.48	3565.36
MW-3	05/01/07	3602.77	37.46	37.96	0.50	3565.21
MW-3	05/29/07	3602.77	37.36	38.11	0.75	3565.26
MW-3	06/04/07	3602.77	37.34	37.98	0.64	3565.30
MW-3	06/11/07	3602.77	37.37	37.73	0.36	3565.33
MW-3	06/18/07	3602.77	37.41	37.72	0.31	3565.30
MW-3	06/26/07	3602.77	37.32	37.82	0.50	3565.35
MW-3	07/09/07	3602.77	37.32	38.00	0.68	3565.31
MW-3	07/17/07	3602.77	37.37	37.69	0.32	3565.34
MW-3	07/23/07	3602.77	37.32	37.81	0.49	3565.35
MW-3	07/30/07	3602.77	37.37	37.73	0.36	3565.33
MW-3	08/08/07	3602.77	37.38	37.85	0.47	3565.30
MW-3	08/20/07	3602.77	37.46	38.01	0.55	3565.20
MW-3	08/27/07	3602.77	37.48	38.11	0.63	3565.16
MW-3	09/04/07	3602.77	37.68	37.91	0.23	3565.04
MW-3	09/10/07	3602.77	37.71	37.77	0.06	3565.05
MW-3	09/25/07	3602.77	37.29	37.55	0.26	3565.43

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	10/02/07	3602.77	37.20	37.30	0.10	3565.55
MW-3	10/11/07	3602.77	37.06	37.14	0.08	3565.69
MW-3	10/22/07	3602.77	36.86	37.01	0.15	3565.88
MW-3	10/31/07	3602.77	36.94	37.02	0.08	3565.81
MW-3	11/12/07	3602.77	36.97	37.07	0.10	3565.78
MW-3	11/19/07	3602.77	37.01	37.16	0.15	3565.73
MW-3	12/05/07	3602.77	37.13	37.30	0.17	3565.61
MW-3	12/10/07	3602.77	37.20	37.40	0.20	3565.53
MW-3	12/20/07	3602.77	37.30	37.61	0.31	3565.41
MW-3	01/02/08	3602.77	37.49	37.81	0.32	3565.22
MW-3	01/07/08	3602.77	37.50	37.77	0.27	3565.22
MW-3	01/28/08	3602.77	37.49	37.95	0.46	3565.19
MW-3	02/12/08	3602.77	37.76	38.22	0.46	3564.92
MW-3	02/26/08	3602.77	37.89	38.42	0.53	3564.77
MW-3	03/11/08	3602.77	37.94	38.76	0.82	3564.67
MW-3	03/17/08	3602.77	37.95	38.86	0.91	3564.64
MW-3	03/24/08	3602.77	38.00	39.07	1.07	3564.56
MW-3	03/31/08	3602.77	38.00	39.19	1.19	3564.53
MW-3	04/14/08	3602.77	38.07	39.48	1.41	3564.42
MW-3	04/21/08	3602.77	37.85	39.35	1.50	3564.62
MW-3	04/28/08	3602.77	38.12	39.76	1.64	3564.32
MW-3	05/20/08	3602.77	38.55	38.55	0.00	3564.22
MW-3	06/02/08	3602.77	38.43	39.55	1.12	3564.12
MW-3	06/09/08	3602.77	38.72	38.72	0.00	3564.05
MW-3	06/16/08	3602.77	38.56	39.55	0.99	3564.01
MW-3	06/30/08	3602.77	38.64	39.89	1.25	3563.88
MW-3	07/14/08	3602.77	38.80	39.46	0.66	3563.84
MW-3	07/21/08	3602.77	38.49	39.65	1.16	3564.05
MW-3	08/06/08	3602.77	38.99	39.04	0.05	3563.77
MW-3	08/18/08	3602.77	38.80	40.41	1.61	3563.65
MW-3	09/09/08	3602.77	39.12	39.18	0.06	3563.64
MW-3	09/15/08	3602.77	38.97	40.05	1.08	3563.58
MW-3	09/22/08	3602.77	39.14	39.15	0.01	3563.63
MW-3	09/29/08	3602.77	38.89	40.23	1.34	3563.61
MW-3	10/07/08	3602.77	38.97	39.71	0.74	3563.65
MW-3	10/14/08	3602.77	38.80	40.77	1.97	3563.58
MW-3	10/20/08	3602.77	38.44	40.42	1.98	3563.93
MW-3	10/27/08	3602.77	39.05	39.06	0.01	3563.72
MW-3	11/10/08	3602.77	38.56	41.20	2.64	3563.68
MW-3	11/24/08	3602.77	39.01	39.03	0.02	3563.76
MW-3	12/01/08	3602.77	38.65	40.84	2.19	3563.68
MW-3	12/08/08	3602.77	39.02	39.03	0.01	3563.75
MW-3	12/24/08	3602.77	38.74	41.38	2.64	3563.50
MW-3	12/29/08	3602.77	38.18	38.22	0.04	3564.58
MW-3	01/06/09	3602.77	38.98	40.62	1.64	3563.46
MW-3	01/19/09	3602.77	39.09	40.23	1.14	3563.45
MW-3	01/26/09	3602.77	39.36	39.42	0.06	3563.40
MW-3	02/10/09	3602.77	39.08	41.08	2.00	3563.29
MW-3	02/26/09	3602.77	39.44	39.56	0.12	3563.31
MW-3	03/02/09	3602.77	39.43	39.57	0.14	3563.31

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	03/09/09	3602.77	39.29	40.53	1.24	3563.23
MW-3	03/16/09	3602.77	39.50	39.67	0.17	3563.24
MW-3	03/24/09	3602.77	39.30	40.67	1.37	3563.20
MW-3	03/30/09	3602.77	39.38	40.63	1.25	3563.14
MW-3	04/14/09	3602.77	39.57	39.73	0.16	3563.17
MW-3	04/20/09	3602.77	39.15	40.29	1.14	3563.39
MW-3	04/28/09	3602.77	39.61	39.84	0.23	3563.11
MW-3	05/11/09	3602.77	39.65	39.85	0.20	3563.08
MW-3	05/26/09	3602.77	39.58	40.28	0.70	3563.05
MW-3	06/01/09	3602.77	39.47	41.05	1.58	3562.98
MW-3	06/02/09	3602.77	39.18	41.10	1.92	3563.21
MW-3	06/09/09	3602.77	39.42	41.70	2.28	3562.89
MW-3	06/15/09	3602.77	39.38	41.75	2.37	3562.92
MW-3	06/29/09	3602.77	39.42	42.00	2.58	3562.83
MW-3	07/06/09	3602.77	38.15	43.25	5.10	3563.60
MW-3	07/14/09	3602.77	38.05	43.17	5.12	3563.70
MW-3	07/20/09	3602.77	38.91	38.90	0.01	3563.86
MW-3	07/27/09	3602.77	39.49	40.88	1.39	3563.00
MW-3	08/03/09	3602.77	39.78	39.88	0.10	3562.97
MW-3	08/04/09	3602.77	39.81	39.86	0.05	3562.95
MW-3	08/12/09	3602.77	39.51	40.95	1.44	3562.97
MW-3	08/24/09	3602.77	39.72	39.71	0.01	3563.05
MW-3	08/31/09	3602.77	39.33	41.05	1.72	3563.10
MW-3	09/08/09	3602.77	39.60	39.85	0.25	3563.12
MW-3	09/16/09	3602.77	38.08	42.60	4.52	3563.79
MW-3	09/28/09	3602.77	39.65	39.73	0.08	3563.10
MW-3	10/05/09	3602.77	39.43	40.98	1.55	3563.03
MW-3	10/12/09	3602.77	39.79	39.78	0.01	3562.98
MW-3	10/26/09	3602.77	39.49	41.33	1.84	3562.91
MW-3	11/03/09	3602.77	39.84	39.88	0.04	3562.92
MW-3	11/10/09	3602.77	38.68	38.53	0.15	3564.12
MW-3	11/23/09	3602.77	39.87	39.96	0.09	3562.88
MW-3	11/30/09	3602.77	39.76	40.56	0.80	3562.85
MW-3	12/07/09	3602.77	39.88	40.03	0.15	3562.86
MW-3	12/22/09	3602.77	39.77	41.05	1.28	3562.74
MW-3	01/04/10	3602.77	39.99	40.06	0.07	3562.77
MW-3	01/11/10	3602.77	40.05	40.08	0.03	3562.71
MW-3	01/18/10	3602.77	39.93	40.66	0.73	3562.69
MW-3	01/25/10	3602.77	39.96	40.69	0.73	3562.66
MW-3	02/01/10	3602.77	39.23	39.30	0.07	3563.53
MW-3	02/08/10	3602.77	40.04	40.71	0.67	3562.60
MW-3	02/22/10	3602.77	40.16	40.26	0.10	3562.59
MW-3	03/01/10	3602.77	40.06	40.85	0.79	3562.55
MW-3	03/08/10	3602.77	40.11	40.26	0.15	3562.63
MW-3	03/22/10	3602.77	40.00	41.30	1.30	3562.51
MW-3	03/29/10	3602.77	41.18	41.27	0.09	3561.57
MW-3	04/05/10	3602.77	40.08	40.87	0.79	3562.53
MW-3	04/13/10	3602.77	40.25	40.35	0.10	3562.50
MW-3	04/19/10	3602.77	40.14	40.81	0.67	3562.50
MW-3	04/26/10	3602.77	40.15	40.91	0.76	3562.47

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	05/03/10	3602.77	40.28	40.45	0.17	3562.46
MW-3	05/14/10	3602.77	40.14	41.16	1.02	3562.43
MW-3	05/20/10	3602.77	40.27	40.54	0.27	3562.45
MW-3	05/27/10	3602.77	40.30	40.50	0.20	3562.43
MW-3	06/01/10	3602.77	40.23	40.91	0.68	3562.40
MW-3	06/07/10	3602.77	40.34	40.58	0.24	3562.38
MW-3	06/15/10	3602.77	40.35	40.65	0.30	3562.36
MW-3	06/28/10	3602.77	40.40	40.65	0.25	3562.32
MW-3	07/06/10	3602.77	40.26	41.21	0.95	3562.32
MW-3	07/13/10	3602.77	39.79	40.81	1.02	3562.78
MW-3	07/19/10	3602.77	--	39.81	--	3562.96
MW-3	07/26/10	3602.77	39.38	40.29	0.91	3563.21
MW-3	07/27/10	3602.77	39.45	39.56	0.11	3563.30
MW-3	07/28/10	3602.77	39.40	39.75	0.35	3563.30
MW-3	08/09/10	3602.77	39.08	39.93	0.85	3563.52
MW-3	08/16/10	3602.77	39.09	39.30	0.21	3563.64
MW-3	08/30/10	3602.77	38.89	39.30	0.41	3563.80
MW-3	09/08/10	3602.77	38.91	39.07	0.16	3563.83
MW-3	09/13/10	3602.77	38.85	39.09	0.24	3563.87
MW-3	09/20/10	3602.77	38.83	39.09	0.26	3563.89
MW-3	09/27/10	3602.77	38.83	39.24	0.41	3563.86
MW-3	10/04/10	3602.77	38.95	39.20	0.25	3563.77
MW-3	10/12/10	3602.77	38.99	39.14	0.15	3563.75
MW-3	10/19/10	3602.77	38.97	39.50	0.53	3563.69
MW-3	10/25/10	3602.77	38.99	39.63	0.64	3563.65
MW-3	11/01/10	3602.77	39.17	39.30	0.13	3563.57
MW-3	11/09/10	3602.77	39.22	39.35	0.13	3563.52
MW-3	11/22/10	3602.77	39.20	40.04	0.84	3563.40
MW-3	12/06/10	3602.77	--	39.51	--	3563.26
MW-3	01/03/11	3602.77	39.49	40.82	1.33	3563.01
MW-3	01/10/11	3602.77	39.80	39.90	0.10	3562.95
MW-3	01/29/11	3602.77	39.80	40.30	0.50	3562.87
MW-3	01/31/11	3602.77	39.91	40.06	0.15	3562.83
MW-3	02/07/11	3602.77	39.90	40.08	0.18	3562.83
MW-3	02/15/11	3602.77	40.02	40.26	0.24	3562.70
MW-3	03/01/11	3602.77	40.11	40.31	0.20	3562.62
MW-3	03/07/11	3602.77	40.17	40.38	0.21	3562.56
MW-3	03/21/11	3602.77	40.24	40.56	0.32	3562.47
MW-3	03/28/11	3602.77	40.31	40.63	0.32	3562.40
MW-3	07/29/11	3602.77	40.73	42.22	1.49	3561.74
MW-3	08/04/11	3602.77	39.86	41.63	1.77	3562.56
MW-3	08/11/11	3602.77	40.62	42.80	2.18	3561.71
MW-3	08/16/11	3602.77	40.76	42.95	2.19	3561.57
MW-3	09/14/11	3602.77	40.67	42.83	2.16	3561.67
MW-3	10/10/11	3602.77	40.75	42.83	2.08	3561.60
MW-3	11/18/11	3602.77	40.36	42.32	1.96	3562.02
MW-3	01/06/12	3602.77	41.52	41.89	0.37	3561.18
MW-3	01/26/12	3602.77	41.60	41.92	0.32	3561.11
MW-3	02/23/12	3602.77	41.69	42.19	0.50	3560.98
MW-3	03/29/12	3602.77	41.66	42.84	1.18	3560.87

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	04/19/12	3602.77	41.58	42.90	1.32	3560.93
MW-3	05/29/12	3602.77	41.95	42.86	0.91	3560.64
MW-3	06/07/12	3602.77	41.90	42.04	0.14	3560.84
MW-3	09/20/12	3602.77	42.25	42.51	0.26	3560.47
MW-3	11/15/12	3602.77	42.42	42.99	0.57	3560.24
MW-3	11/29/12	3602.77	42.46	43.00	0.54	3560.20
MW-3	12/20/12	3602.77	42.54	42.99	0.45	3560.14
MW-3	02/26/13	3602.77	42.35	42.98	0.63	3560.29
MW-3	03/14/13	3602.77	42.37	43.03	0.66	3560.27
MW-3	05/09/13	3602.77	42.51	42.99	0.48	3560.16
MW-3	06/07/13	3602.77	42.62	43.02	0.40	3560.07
MW-3	07/02/13	3602.77	42.60	43.03	0.43	3560.08
MW-3	07/22/13	3602.77	42.75	43.00	0.25	3559.97
MW-3	08/22/13	3602.77	DRY	DRY	DRY	DRY
MW-3	09/19/13	3602.77	42.83	43.00	0.17	3559.91
MW-3	10/03/13	3602.77	DRY	DRY	DRY	DRY
MW-3	11/27/13	3602.77	--	42.88	--	3559.89
MW-3	01/21/14	3602.77	NM	NM	NM	NM
MW-3	02/13/14	3602.77	DRY	DRY	DRY	DRY
MW-3	03/10/14	3602.77	DRY	DRY	DRY	DRY
MW-3	03/24/14	3602.77	DRY	DRY	DRY	DRY
MW-3	04/28/14	3602.77	DRY	DRY	DRY	DRY
MW-3	06/09/14	3602.77	DRY	DRY	DRY	DRY
MW-3	07/28/14	3602.77	DRY	DRY	DRY	DRY
MW-3	08/19/14	3602.77	DRY	DRY	DRY	DRY
MW-3	10/01/14	3602.77	DRY	DRY	DRY	DRY
MW-3	11/24/14	3602.77	DRY	DRY	DRY	DRY
MW-3	01/08/15	3602.77	DRY	DRY	DRY	DRY
MW-3	03/09/15	3602.77	DRY	DRY	DRY	DRY
MW-3	04/22/15	3602.77	DRY	DRY	DRY	DRY
MW-3	04/24/15	3602.77	DRY	DRY	DRY	DRY
MW-3	05/13/15	3602.77	DRY	DRY	DRY	DRY
MW-3	06/08/15	3602.77	DRY	DRY	DRY	DRY
MW-3	07/07/15	3602.77	--	43.10	--	3559.67
MW-3	07/08/15	3602.77	DRY	DRY	DRY	DRY
MW-3	07/29/15	3602.77	DRY	DRY	DRY	DRY
MW-3	08/18/15	3602.77	DRY	DRY	DRY	DRY
MW-3	09/29/15	3602.77	DRY	DRY	DRY	DRY
MW-3	11/20/15	3602.77	DRY	DRY	DRY	DRY
MW-3	02/04/16	3602.77	DRY	DRY	DRY	DRY
MW-3	03/03/16	3602.77	DRY	DRY	DRY	DRY
MW-3	03/23/16	3602.77	DRY	DRY	DRY	DRY
MW-3	04/14/16	3602.77	DRY	DRY	DRY	DRY
MW-3	05/19/16	3602.77	DRY	DRY	DRY	DRY
MW-3	06/16/16	3602.77	DRY	DRY	DRY	DRY
MW-3	07/27/16	3602.77	DRY	DRY	DRY	DRY
MW-3	09/15/16	3602.77	DRY	DRY	DRY	DRY
MW-3	09/19/16	3602.77	DRY	DRY	DRY	DRY
MW-3	10/20/16	3602.77	DRY	DRY	DRY	DRY
MW-3	12/15/16	3602.77	DRY	DRY	DRY	DRY

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-3	03/22/17	3602.77	DRY	DRY	DRY	DRY
MW-3	09/19/17	3602.77	DRY	DRY	DRY	DRY
MW-3	10/19/17	3602.77	DRY	DRY	DRY	DRY
MW-3	11/15/17	3602.77	DRY	DRY	DRY	DRY
MW-3	03/06/18	PLUGGED AND ABANDONED				
MW-4	02/27/01	3601.70	32.41	36.13	3.72	3568.55
MW-4	06/25/01	3601.70	33.17	36.90	3.73	3567.78
MW-4	09/25/01	3601.70	33.63	37.38	3.75	3567.32
MW-4	12/11/01	3601.70	34.03	37.59	3.56	3566.96
MW-4	11/05/02	3601.70	34.82	38.51	3.69	3566.14
MW-4	04/21/03	3601.70	35.22	38.78	3.56	3565.77
MW-4	06/23/03	3601.70	35.34	38.73	3.39	3565.68
MW-4	11/05/03	3601.70	35.96	38.86	2.90	3565.16
MW-4	01/19/04	3601.70	36.32	38.99	2.67	3564.85
MW-4	04/19/04	3601.70	36.36	38.90	2.54	3564.83
MW-4	07/20/04	3601.70	36.14	37.59	1.45	3565.27
MW-4	10/25/04	3601.70	34.25	34.26	0.01	3567.45
MW-4	01/24/05	3601.70	32.24	32.25	0.01	3569.46
MW-4	04/18/05	3601.70	32.59	32.58	0.01	3569.11
MW-4	07/18/05	3601.70	33.28	33.64	0.36	3568.35
MW-4	08/18/05	3601.70	33.57	34.04	0.47	3568.04
MW-4	09/15/05	3601.70	33.51	33.98	0.47	3568.10
MW-4	09/29/05	3601.70	33.38	33.78	0.40	3568.24
MW-4	10/11/05	3601.70	33.25	33.67	0.42	3568.37
MW-4	10/17/05	3601.70	33.21	33.61	0.40	3568.41
MW-4	11/03/05	3601.70	33.24	33.45	0.21	3568.42
MW-4	11/16/05	3601.70	33.32	33.46	0.14	3568.35
MW-4	11/22/05	3601.70	33.31	33.43	0.12	3568.37
MW-4	11/29/05	3601.70	33.37	33.63	0.26	3568.28
MW-4	12/06/05	3601.70	33.38	33.64	0.26	3568.27
MW-4	12/12/05	3601.70	33.43	33.74	0.31	3568.21
MW-4	12/21/05	3601.70	33.50	33.88	0.38	3568.12
MW-4	12/28/05	3601.70	33.54	33.98	0.44	3568.07
MW-4	01/04/06	3601.70	33.62	34.17	0.55	3567.97
MW-4	01/10/06	3601.70	33.62	34.03	0.41	3568.00
MW-4	01/11/06	3601.70	33.61	34.03	0.42	3568.01
MW-4	01/16/06	3601.70	33.64	34.18	0.54	3567.95
MW-4	01/23/06	3601.70	33.69	33.96	0.27	3567.96
MW-4	02/01/06	3601.70	33.80	34.05	0.25	3567.85
MW-4	02/16/06	3601.70	33.91	34.14	0.23	3567.74
MW-4	03/06/06	3601.70	34.04	34.33	0.29	3567.60
MW-4	03/29/06	3601.70	34.23	34.51	0.28	3567.41
MW-4	04/04/06	3601.70	34.25	34.56	0.31	3567.39
MW-4	04/11/06	3601.70	34.31	34.64	0.33	3567.32
MW-4	04/17/06	3601.70	34.34	34.69	0.35	3567.29
MW-4	04/24/06	3601.70	34.33	34.73	0.40	3567.29
MW-4	05/03/06	3601.70	34.44	34.86	0.42	3567.18
MW-4	05/31/06	3601.70	34.63	35.18	0.55	3566.96
MW-4	06/09/06	3601.70	34.68	35.25	0.57	3566.91

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Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	06/12/06	3601.70	34.72	35.24	0.52	3566.88
MW-4	06/26/06	3601.70	34.82	35.37	0.55	3566.77
MW-4	07/05/06	3601.70	34.88	35.41	0.53	3566.71
MW-4	07/10/06	3601.70	34.90	35.45	0.55	3566.69
MW-4	07/17/06	3601.70	34.94	35.53	0.59	3566.64
MW-4	07/24/06	3601.70	34.89	35.51	0.62	3566.69
MW-4	08/08/06	3601.70	35.02	35.58	0.56	3566.57
MW-4	08/14/06	3601.70	35.15	35.33	0.18	3566.51
MW-4	08/28/06	3601.70	35.18	35.19	0.01	3566.52
MW-4	09/14/06	3601.70	34.83	34.84	0.01	3566.87
MW-4	09/21/06	3601.70	34.71	34.72	0.01	3566.99
MW-4	09/25/06	3601.70	34.67	34.68	0.01	3567.03
MW-4	10/02/06	3601.70	34.58	34.59	0.01	3567.12
MW-4	10/10/06	3601.70	34.50	34.53	0.03	3567.19
MW-4	10/16/06	3601.70	34.44	34.48	0.04	3567.25
MW-4	10/23/06	3601.70	34.30	34.43	0.13	3567.37
MW-4	10/30/06	3601.70	34.38	34.41	0.03	3567.31
MW-4	11/06/06	3601.70	34.36	34.39	0.03	3567.33
MW-4	11/21/06	3601.70	34.33	34.36	0.03	3567.36
MW-4	11/28/06	3601.70	34.33	34.37	0.04	3567.36
MW-4	12/05/06	3601.70	34.36	34.40	0.04	3567.33
MW-4	12/11/06	3601.70	34.40	34.44	0.04	3567.29
MW-4	12/18/06	3601.70	34.44	34.52	0.08	3567.24
MW-4	01/02/07	3601.70	34.55	34.65	0.10	3567.13
MW-4	01/08/07	3601.70	34.59	34.69	0.10	3567.09
MW-4	01/23/07	3601.70	34.55	34.70	0.15	3567.12
MW-4	02/05/07	3601.70	34.81	34.97	0.16	3566.86
MW-4	02/26/07	3601.70	34.95	35.32	0.37	3566.68
MW-4	03/05/07	3601.70	35.06	35.43	0.37	3566.57
MW-4	03/13/07	3601.70	35.05	35.50	0.45	3566.56
MW-4	03/19/07	3601.70	35.08	35.58	0.50	3566.52
MW-4	03/26/07	3601.70	35.14	35.57	0.43	3566.47
MW-4	04/02/07	3601.70	35.21	35.40	0.19	3566.45
MW-4	04/23/07	3601.70	35.17	35.19	0.02	3566.53
MW-4	05/01/07	3601.70	35.32	35.35	0.03	3566.37
MW-4	05/29/07	3601.70	35.33	35.46	0.13	3566.34
MW-4	06/04/07	3601.70	35.35	35.36	0.01	3566.35
MW-4	06/11/07	3601.70	35.34	35.37	0.03	3566.35
MW-4	06/18/07	3601.70	35.34	35.39	0.05	3566.35
MW-4	06/26/07	3601.70	35.23	35.31	0.08	3566.45
MW-4	07/09/07	3601.70	35.27	35.41	0.14	3566.40
MW-4	07/17/07	3601.70	35.28	35.41	0.13	3566.39
MW-4	07/23/07	3601.70	35.26	35.44	0.18	3566.40
MW-4	07/30/07	3601.70	35.27	35.45	0.18	3566.39
MW-4	08/08/07	3601.70	35.28	35.52	0.24	3566.37
MW-4	08/20/07	3601.70	35.35	35.60	0.25	3566.30
MW-4	08/27/07	3601.70	35.37	35.66	0.29	3566.27
MW-4	09/04/07	3601.70	35.41	35.70	0.29	3566.23
MW-4	09/10/07	3601.70	35.40	35.70	0.30	3566.24
MW-4	09/25/07	3601.70	35.28	35.56	0.28	3566.36

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	10/02/07	3601.70	35.19	35.46	0.27	3566.46
MW-4	10/11/07	3601.70	35.10	35.46	0.36	3566.53
MW-4	10/22/07	3601.70	34.89	35.29	0.40	3566.73
MW-4	10/31/07	3601.70	34.99	35.31	0.32	3566.65
MW-4	11/12/07	3601.70	--	35.01	--	3566.69
MW-4	11/19/07	3601.70	35.02	35.04	0.02	3566.68
MW-4	12/05/07	3601.70	35.09	35.26	0.17	3566.58
MW-4	12/10/07	3601.70	35.12	35.33	0.21	3566.54
MW-4	12/20/07	3601.70	35.24	35.46	0.22	3566.42
MW-4	01/02/08	3601.70	35.38	35.56	0.18	3566.28
MW-4	01/07/08	3601.70	35.40	35.60	0.20	3566.26
MW-4	01/28/08	3601.70	35.34	35.60	0.26	3566.31
MW-4	02/12/08	3601.70	35.63	35.87	0.24	3566.02
MW-4	02/26/08	3601.70	35.71	35.96	0.25	3565.94
MW-4	03/11/08	3601.70	35.80	36.06	0.26	3565.85
MW-4	03/17/08	3601.70	35.85	36.08	0.23	3565.80
MW-4	03/24/08	3601.70	35.88	36.13	0.25	3565.77
MW-4	03/31/08	3601.70	35.42	36.17	0.75	3566.13
MW-4	04/14/08	3601.70	35.99	36.29	0.30	3565.65
MW-4	04/21/08	3601.70	35.80	36.09	0.29	3565.84
MW-4	04/28/08	3601.70	36.10	36.38	0.28	3565.54
MW-4	05/20/08	3601.70	36.21	36.44	0.23	3565.44
MW-4	06/02/08	3601.70	36.30	36.55	0.25	3565.35
MW-4	06/09/08	3601.70	36.38	36.57	0.19	3565.28
MW-4	06/16/08	3601.70	36.41	36.62	0.21	3565.25
MW-4	06/30/08	3601.70	36.56	36.67	0.11	3565.12
MW-4	07/14/08	3601.70	36.59	36.77	0.18	3565.07
MW-4	07/21/08	3601.70	36.37	36.58	0.21	3565.29
MW-4	08/06/08	3601.70	36.71	36.89	0.18	3564.95
MW-4	08/18/08	3601.70	36.78	36.93	0.15	3564.89
MW-4	09/09/08	3601.70	36.86	37.04	0.18	3564.80
MW-4	09/15/08	3601.70	36.87	37.06	0.19	3564.79
MW-4	09/22/08	3601.70	36.89	37.10	0.21	3564.77
MW-4	09/29/08	3601.70	36.90	37.10	0.20	3564.76
MW-4	10/07/08	3601.70	36.87	37.10	0.23	3564.78
MW-4	10/14/08	3601.70	36.89	37.08	0.19	3564.77
MW-4	10/20/08	3601.70	36.50	36.82	0.32	3565.14
MW-4	10/27/08	3601.70	36.86	37.13	0.27	3564.79
MW-4	11/10/08	3601.70	36.80	37.02	0.22	3564.86
MW-4	11/24/08	3601.70	36.79	37.00	0.21	3564.87
MW-4	12/01/08	3601.70	36.80	37.11	0.31	3564.84
MW-4	12/08/08	3601.70	36.81	37.17	0.36	3564.82
MW-4	12/24/08	3601.70	36.90	37.29	0.39	3564.72
MW-4	12/29/08	3601.70	36.92	37.37	0.45	3564.69
MW-4	01/06/09	3601.70	36.96	37.46	0.50	3564.64
MW-4	01/19/09	3601.70	36.96	37.44	0.48	3564.64
MW-4	01/26/09	3601.70	37.03	37.85	0.82	3564.51
MW-4	02/10/09	3601.70	37.03	37.95	0.92	3564.49
MW-4	02/26/09	3601.70	37.07	38.03	0.96	3564.44
MW-4	03/02/09	3601.70	37.08	38.09	1.01	3564.42

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	03/09/09	3601.70	37.09	38.25	1.16	3564.38
MW-4	03/16/09	3601.70	--	37.30	--	3564.40
MW-4	03/24/09	3601.70	37.26	37.31	0.05	3564.43
MW-4	03/30/09	3601.70	37.30	37.39	0.09	3564.38
MW-4	04/06/09	3601.70	37.30	37.45	0.15	3564.37
MW-4	04/14/09	3601.70	37.31	37.60	0.29	3564.33
MW-4	04/20/09	3601.70	37.03	37.48	0.45	3564.58
MW-4	04/28/09	3601.70	37.30	37.94	0.64	3564.27
MW-4	05/11/09	3601.70	37.25	38.37	1.12	3564.23
MW-4	05/26/09	3601.70	37.27	38.60	1.33	3564.16
MW-4	06/01/09	3601.70	37.30	38.66	1.36	3564.13
MW-4	06/02/09	3601.70	37.30	39.60	2.30	3563.94
MW-4	06/09/09	3601.70	37.46	37.69	0.23	3564.19
MW-4	06/15/09	3601.70	37.47	37.63	0.16	3564.20
MW-4	06/29/09	3601.70	37.40	38.40	1.00	3564.10
MW-4	07/06/09	3601.70	37.54	37.76	0.22	3564.12
MW-4	07/14/09	3601.70	37.54	37.84	0.30	3564.10
MW-4	07/20/09	3601.70	37.57	37.83	0.26	3564.08
MW-4	07/27/09	3601.70	37.39	38.06	0.67	3564.18
MW-4	08/03/09	3601.70	37.57	37.81	0.24	3564.08
MW-4	08/04/09	3601.70	37.58	37.85	0.27	3564.07
MW-4	08/12/09	3601.70	37.55	37.75	0.20	3564.11
MW-4	08/24/09	3601.70	37.37	38.42	1.05	3564.12
MW-4	08/31/09	3601.70	37.48	37.65	0.17	3564.19
MW-4	09/08/09	3601.70	37.43	37.73	0.30	3564.21
MW-4	09/16/09	3601.70	37.28	38.38	1.10	3564.20
MW-4	09/28/09	3601.70	37.49	37.58	0.09	3564.19
MW-4	10/05/09	3601.70	37.36	38.34	0.98	3564.14
MW-4	10/12/09	3601.70	37.55	37.70	0.15	3564.12
MW-4	10/26/09	3601.70	37.42	38.45	1.03	3564.07
MW-4	11/03/09	3601.70	37.60	37.72	0.12	3564.08
MW-4	11/10/09	3601.70	37.50	38.37	0.87	3564.03
MW-4	11/23/09	3601.70	37.67	37.77	0.10	3564.01
MW-4	11/30/09	3601.70	37.56	38.36	0.80	3563.98
MW-4	12/07/09	3601.70	37.70	37.79	0.09	3563.98
MW-4	12/22/09	3601.70	37.75	37.82	0.07	3563.94
MW-4	01/04/10	3601.70	37.69	38.42	0.73	3563.86
MW-4	01/11/10	3601.70	37.72	38.38	0.66	3563.85
MW-4	01/18/10	3601.70	37.84	37.88	0.04	3563.85
MW-4	01/25/10	3601.70	37.80	38.37	0.57	3563.79
MW-4	02/01/10	3601.70	37.90	37.91	0.01	3563.80
MW-4	02/08/10	3601.70	37.86	38.30	0.44	3563.75
MW-4	02/22/10	3601.70	37.94	38.01	0.07	3563.75
MW-4	03/01/10	3601.70	37.91	38.29	0.38	3563.71
MW-4	03/08/10	3601.70	37.95	38.05	0.10	3563.73
MW-4	03/22/10	3601.70	37.93	38.34	0.41	3563.69
MW-4	03/29/10	3601.70	37.99	38.13	0.14	3563.68
MW-4	04/05/10	3601.70	37.97	38.34	0.37	3563.66
MW-4	04/13/10	3601.70	38.05	38.14	0.09	3563.63
MW-4	04/19/10	3601.70	38.03	38.34	0.31	3563.61

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	04/26/10	3601.70	38.04	38.40	0.36	3563.59
MW-4	05/03/10	3601.70	38.08	38.25	0.17	3563.59
MW-4	05/14/10	3601.70	38.10	38.37	0.27	3563.55
MW-4	05/20/10	3601.70	38.10	38.39	0.29	3563.54
MW-4	05/27/10	3601.70	38.11	38.45	0.34	3563.52
MW-4	06/01/10	3601.70	38.14	38.35	0.21	3563.52
MW-4	06/07/10	3601.70	38.16	38.40	0.24	3563.49
MW-4	06/15/10	3601.70	38.17	38.45	0.28	3563.47
MW-4	06/28/10	3601.70	38.22	38.45	0.23	3563.43
MW-4	07/06/10	3601.70	38.16	38.50	0.34	3563.47
MW-4	07/13/10	3601.70	37.66	38.45	0.79	3563.88
MW-4	07/19/10	3601.70	37.68	37.67	0.01	3564.02
MW-4	07/26/10	3601.70	37.54	37.63	0.09	3564.14
MW-4	07/27/10	3601.70	37.50	37.60	0.10	3564.18
MW-4	07/28/10	3601.70	37.49	37.59	0.10	3564.19
MW-4	08/09/10	3601.70	--	37.32	--	3564.38
MW-4	08/16/10	3601.70	37.28	37.27	0.01	3564.42
MW-4	08/30/10	3601.70	--	37.08	--	3564.62
MW-4	09/08/10	3601.70	--	37.02	--	3564.68
MW-4	09/13/10	3601.70	36.99	36.98	0.01	3564.71
MW-4	09/20/10	3601.70	--	36.98	--	3564.72
MW-4	09/27/10	3601.70	--	36.95	--	3564.75
MW-4	10/04/10	3601.70	--	36.96	--	3564.74
MW-4	10/12/10	3601.70	--	36.99	--	3564.71
MW-4	10/19/10	3601.70	--	37.03	--	3564.67
MW-4	10/25/10	3601.70	--	37.02	--	3564.68
MW-4	11/01/10	3601.70	--	37.11	--	3564.59
MW-4	11/09/10	3601.70	--	37.05	--	3564.65
MW-4	11/22/10	3601.70	--	37.25	--	3564.45
MW-4	12/06/10	3601.70	--	37.35	--	3564.35
MW-4	01/03/11	3601.70	37.50	38.09	0.59	3564.08
MW-4	01/17/11	3601.70	37.56	38.40	0.84	3563.97
MW-4	01/29/11	3601.70	37.62	38.47	0.85	3563.91
MW-4	01/31/11	3601.70	37.68	38.53	0.85	3563.85
MW-4	02/07/11	3601.70	37.73	38.54	0.81	3563.81
MW-4	02/15/11	3601.70	37.80	38.57	0.77	3563.75
MW-4	03/01/11	3601.70	37.98	38.07	0.09	3563.70
MW-4	03/07/11	3601.70	38.03	38.11	0.08	3563.65
MW-4	03/21/11	3601.70	38.12	38.20	0.08	3563.56
MW-4	03/28/11	3601.70	38.16	38.31	0.15	3563.51
MW-4	07/29/11	3601.70	38.66	38.70	0.04	3563.03
MW-4	08/04/11	3601.70	38.70	38.80	0.10	3562.98
MW-4	08/11/11	3601.70	38.72	38.77	0.05	3562.97
MW-4	08/16/11	3601.70	38.79	38.80	0.01	3562.91
MW-4	09/14/11	3601.70	38.88	38.94	0.06	3562.81
MW-4	10/10/11	3601.70	38.97	39.44	0.47	3562.64
MW-4	11/18/11	3601.70	39.02	40.90	1.88	3562.30
MW-4	01/06/12	3601.70	39.10	40.88	1.78	3562.24
MW-4	01/26/12	3601.70	39.14	41.25	2.11	3562.14
MW-4	02/23/12	3601.70	39.23	41.41	2.18	3562.03

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	03/29/12	3601.70	39.47	41.48	2.01	3561.83
MW-4	04/19/12	3601.70	39.59	41.39	1.80	3561.75
MW-4	05/29/12	3601.70	39.84	41.28	1.44	3561.57
MW-4	06/07/12	3601.70	39.78	41.21	1.43	3561.63
MW-4	09/20/12	3601.70	39.92	41.36	1.44	3561.49
MW-4	11/15/12	3601.70	40.10	41.57	1.47	3561.31
MW-4	11/29/12	3601.70	40.15	41.62	1.47	3561.26
MW-4	12/20/12	3601.70	40.23	41.64	1.41	3561.19
MW-4	02/26/13	3601.70	40.42	41.48	1.06	3561.07
MW-4	03/07/13	3601.70	40.52	41.35	0.83	3561.01
MW-4	03/14/13	3601.70	40.52	41.32	0.80	3561.02
MW-4	04/10/13	3601.70	40.50	41.49	0.99	3561.00
MW-4	05/09/13	3601.70	40.72	41.64	0.92	3560.80
MW-4	06/07/13	3601.70	40.82	41.80	0.98	3560.68
MW-4	07/02/13	3601.70	40.84	41.75	0.91	3560.68
MW-4	07/22/13	3601.70	--	41.19	--	3560.51
MW-4	08/22/13	3601.70	--	41.16	--	3560.54
MW-4	09/19/13	3601.70	--	41.21	--	3560.49
MW-4	10/03/13	3601.70	--	41.20	--	3560.50
MW-4	11/27/13	3601.70	--	41.33	--	3560.37
MW-4	01/21/14	3601.70	--	41.41	--	3560.29
MW-4	02/13/14	3601.70	--	41.48	--	3560.22
MW-4	03/10/14	3601.70	--	41.73	--	3559.97
MW-4	03/24/14	3601.70	--	41.81	--	3559.89
MW-4	04/28/14	3601.70	--	41.68	--	3560.02
MW-4	06/09/14	3601.70	--	41.84	--	3559.86
MW-4	07/28/14	3601.70	--	42.02	--	3559.68
MW-4	08/19/14	3601.70	--	42.11	--	3559.59
MW-4	10/01/14	3601.70	--	42.24	--	3559.46
MW-4	11/24/14	3601.70	--	41.97	--	3559.73
MW-4	01/08/15	3601.70	--	41.87	--	3559.83
MW-4	03/10/15	3601.70	--	41.92	--	3559.78
MW-4	04/22/15	3601.70	--	42.02	--	3559.68
MW-4	04/24/15	3601.70	--	42.13	--	3559.57
MW-4	05/13/15	3601.70	--	42.17	--	3559.53
MW-4	06/08/15	3601.70	--	42.16	--	3559.54
MW-4	07/07/15	3601.70	42.05	42.06	0.01	3559.65
MW-4	07/08/15	3601.70	--	42.05	--	3559.65
MW-4	07/29/15	3601.70	--	42.11	--	3559.59
MW-4	08/18/15	3601.70	--	42.00	--	3559.70
MW-4	09/29/15	3601.70	--	41.89	--	3559.81
MW-4	11/20/15	3601.70	--	41.86	--	3559.84
MW-4	02/04/16	3601.70	--	41.55	--	3560.15
MW-4	03/03/16	3601.70	--	41.60	--	3560.10
MW-4	03/23/16	3601.70	--	41.90	--	3559.80
MW-4	04/14/16	3601.70	--	41.82	--	3559.88
MW-4	05/19/16	3601.70	--	41.97	--	3559.73
MW-4	06/16/16	3601.70	--	42.11	--	3559.59
MW-4	07/27/16	3601.70	--	42.30	--	3559.40
MW-4	09/15/16	3601.70	--	42.33	--	3559.37

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-4	09/19/16	3601.70	--	42.33	--	3559.37
MW-4	10/20/16	3601.70	--	42.12	--	3559.37
MW-4	12/15/16	3601.70	--	42.21	--	3559.37
MW-4	03/22/17	3601.70	40.21	40.95	0.74	3561.34
MW-4	09/19/17	3601.70	42.19	42.55	0.36	3559.80
MW-4	10/19/17	3601.70	42.06	42.54	0.48	3559.80
MW-4	11/15/17	3601.70	41.92	42.51	0.59	3559.80
MW-4	03/06/18	PLUGGED AND ABANDONED				
MW-5	02/27/01	3601.54	32.36	37.92	5.56	3568.07
MW-5	06/25/01	3601.54	32.95	38.21	5.26	3567.54
MW-5	09/25/01	3601.54	34.44	39.66	5.22	3566.06
MW-5	12/11/01	3601.54	33.84	38.94	5.10	3566.68
MW-5	11/05/02	3601.54	34.71	39.18	4.47	3565.94
MW-5	04/21/03	3601.54	35.34	39.98	4.64	3565.27
MW-5	06/23/03	3601.54	35.43	39.55	4.12	3565.29
MW-5	11/05/03	3601.54	35.88	39.35	3.47	3564.97
MW-5	01/19/04	3601.54	37.11	40.36	3.25	3563.78
MW-5	04/19/04	3601.54	37.20	40.37	3.17	3563.71
MW-5	07/20/04	3601.54	36.90	40.40	3.50	3563.94
MW-5	10/25/04	3601.54	34.96	34.99	0.03	3566.57
MW-5	01/24/05	3601.54	33.08	33.37	0.29	3568.40
MW-5	04/18/05	3601.54	33.53	33.71	0.18	3567.97
MW-5	07/18/05	3601.54	34.16	34.71	0.55	3567.27
MW-5	09/15/05	3601.54	34.75	35.25	0.50	3566.69
MW-5	10/17/05	3601.54	34.09	34.48	0.39	3567.37
MW-5	11/16/05	3601.54	34.27	34.60	0.33	3567.20
MW-5	11/22/05	3601.54	34.22	34.59	0.37	3567.25
MW-5	12/06/05	3601.54	34.39	34.78	0.39	3567.07
MW-5	12/12/05	3601.54	34.44	34.92	0.48	3567.00
MW-5	12/21/05	3601.54	34.58	35.09	0.51	3566.86
MW-5	12/28/05	3601.54	34.88	34.92	0.04	3566.65
MW-5	01/04/06	3601.54	34.65	35.19	0.54	3566.78
MW-5	01/11/06	3601.54	34.70	34.89	0.19	3566.80
MW-5	01/16/06	3601.54	34.70	35.27	0.57	3566.73
MW-5	01/23/06	3601.54	34.78	34.84	0.06	3566.75
MW-5	02/01/06	3601.54	34.93	34.94	0.01	3566.61
MW-5	02/16/06	3601.54	34.93	35.71	0.78	3566.45
MW-5	03/06/06	3601.54	35.14	35.18	0.04	3566.39
MW-5	03/29/06	3601.54	35.33	35.37	0.04	3566.20
MW-5	04/04/06	3601.54	35.37	35.41	0.04	3566.16
MW-5	04/11/06	3601.54	35.40	35.51	0.11	3566.12
MW-5	04/17/06	3601.54	35.46	35.51	0.05	3566.07
MW-5	04/24/06	3601.54	35.33	36.23	0.90	3566.03
MW-5	05/03/06	3601.54	35.58	35.62	0.04	3565.95
MW-5	05/31/06	3601.54	35.76	35.80	0.04	3565.77
MW-5	06/09/06	3601.54	35.85	35.95	0.10	3565.67
MW-5	06/12/06	3601.54	35.89	35.96	0.07	3565.64
MW-5	06/26/06	3601.54	35.89	36.45	0.56	3565.54
MW-5	07/05/06	3601.54	35.91	36.73	0.82	3565.47

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	07/10/06	3601.54	36.05	36.17	0.12	3565.47
MW-5	07/17/06	3601.54	36.07	36.15	0.08	3565.45
MW-5	07/24/06	3601.54	35.92	36.96	1.04	3565.41
MW-5	08/08/06	3601.54	36.17	36.34	0.17	3565.34
MW-5	08/14/06	3601.54	36.22	36.29	0.07	3565.31
MW-5	08/28/06	3601.54	36.22	36.41	0.19	3565.28
MW-5	09/14/06	3601.54	35.14	36.66	1.52	3566.10
MW-5	09/21/06	3601.54	35.67	35.96	0.29	3565.81
MW-5	09/25/06	3601.54	35.66	35.72	0.06	3565.87
MW-5	10/02/06	3601.54	35.56	35.86	0.30	3565.92
MW-5	10/10/06	3601.54	35.56	35.62	0.06	3565.97
MW-5	10/16/06	3601.54	35.45	35.66	0.21	3566.05
MW-5	10/23/06	3601.54	35.29	35.78	0.49	3566.15
MW-5	10/30/06	3601.54	35.42	35.43	0.01	3566.12
MW-5	11/06/06	3601.54	35.36	35.85	0.49	3566.08
MW-5	11/21/06	3601.54	35.34	35.35	0.01	3566.20
MW-5	11/28/06	3601.54	35.33	35.89	0.56	3566.10
MW-5	12/05/06	3601.54	35.40	35.41	0.01	3566.14
MW-5	12/11/06	3601.54	35.40	36.02	0.62	3566.02
MW-5	12/18/06	3601.54	35.52	35.53	0.01	3566.02
MW-5	01/02/07	3601.54	35.56	36.38	0.82	3565.82
MW-5	01/08/07	3601.54	35.66	35.68	0.02	3565.88
MW-5	01/23/07	3601.54	35.51	36.56	1.05	3565.82
MW-5	02/05/07	3601.54	35.76	37.06	1.30	3565.52
MW-5	02/26/07	3601.54	36.08	36.16	0.08	3565.44
MW-5	03/05/07	3601.54	35.92	37.32	1.40	3565.34
MW-5	03/13/07	3601.54	36.10	36.62	0.52	3565.34
MW-5	03/19/07	3601.54	36.20	36.27	0.07	3565.33
MW-5	03/26/07	3601.54	36.53	36.87	0.34	3564.94
MW-5	04/02/07	3601.54	36.60	36.99	0.39	3564.86
MW-5	04/23/07	3601.54	36.12	37.58	1.46	3565.13
MW-5	05/01/07	3601.54	36.33	37.17	0.84	3565.04
MW-5	05/29/07	3601.54	36.42	36.99	0.57	3565.01
MW-5	06/04/07	3601.54	36.31	36.82	0.51	3565.13
MW-5	06/11/07	3601.54	36.30	36.81	0.51	3565.14
MW-5	06/18/07	3601.54	36.16	37.70	1.54	3565.07
MW-5	06/26/07	3601.54	36.25	36.79	0.54	3565.18
MW-5	07/09/07	3601.54	36.31	36.50	0.19	3565.19
MW-5	07/17/07	3601.54	36.29	36.82	0.53	3565.14
MW-5	07/23/07	3601.54	36.11	37.68	1.57	3565.12
MW-5	07/30/07	3601.54	36.33	36.50	0.17	3565.18
MW-5	08/08/07	3601.54	36.33	36.62	0.29	3565.15
MW-5	08/20/07	3601.54	36.42	36.62	0.20	3565.08
MW-5	08/27/07	3601.54	36.23	38.00	1.77	3564.96
MW-5	09/04/07	3601.54	36.47	36.66	0.19	3565.03
MW-5	09/10/07	3601.54	36.47	36.64	0.17	3565.04
MW-5	09/25/07	3601.54	36.11	37.71	1.60	3565.11
MW-5	10/02/07	3601.54	36.26	36.36	0.10	3565.26
MW-5	10/11/07	3601.54	35.96	37.46	1.50	3565.28
MW-5	10/22/07	3601.54	35.77	37.20	1.43	3565.48

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	10/31/07	3601.54	36.04	36.12	0.08	3565.48
MW-5	11/12/07	3601.54	35.88	37.28	1.40	3565.38
MW-5	11/19/07	3601.54	36.07	36.14	0.07	3565.46
MW-5	12/05/07	3601.54	35.94	37.68	1.74	3565.25
MW-5	12/10/07	3601.54	36.21	36.31	0.10	3565.31
MW-5	12/20/07	3601.54	36.06	37.91	1.85	3565.11
MW-5	01/07/08	3601.54	36.47	36.61	0.14	3565.04
MW-5	01/28/08	3601.54	36.10	38.50	2.40	3564.96
MW-5	02/12/08	3601.54	36.40	38.92	2.52	3564.64
MW-5	02/26/08	3601.54	36.81	36.97	0.16	3564.70
MW-5	03/11/08	3601.54	36.59	39.12	2.53	3564.44
MW-5	03/17/08	3601.54	36.92	39.13	2.21	3564.18
MW-5	03/24/08	3601.54	36.67	38.99	2.32	3564.41
MW-5	03/31/08	3601.54	37.00	37.23	0.23	3564.49
MW-5	04/14/08	3601.54	36.75	39.44	2.69	3564.25
MW-5	04/21/08	3601.54	36.55	39.15	2.60	3564.47
MW-5	04/28/08	3601.54	36.98	38.65	1.67	3564.23
MW-5	05/20/08	3601.54	36.89	39.92	3.03	3564.04
MW-5	06/02/08	3601.54	37.10	39.46	2.36	3563.97
MW-5	06/09/08	3601.54	37.87	38.10	0.23	3563.62
MW-5	06/16/08	3601.54	37.20	39.77	2.57	3563.83
MW-5	06/30/08	3601.54	37.97	38.25	0.28	3563.51
MW-5	07/14/08	3601.54	37.30	40.43	3.13	3563.61
MW-5	07/21/08	3601.54	37.05	40.27	3.22	3563.85
MW-5	08/06/08	3601.54	38.03	38.92	0.89	3563.33
MW-5	08/18/08	3601.54	38.22	38.37	0.15	3563.29
MW-5	09/09/08	3601.54	37.52	40.66	3.14	3563.39
MW-5	09/15/08	3601.54	38.30	38.36	0.06	3563.23
MW-5	09/22/08	3601.54	37.56	40.67	3.11	3563.36
MW-5	09/29/08	3601.54	38.02	38.04	0.02	3563.52
MW-5	10/07/08	3601.54	37.49	40.69	3.20	3563.41
MW-5	10/14/08	3601.54	38.00	38.01	0.01	3563.54
MW-5	10/20/08	3601.54	37.18	40.30	3.12	3563.74
MW-5	10/27/08	3601.54	37.98	37.99	0.01	3563.56
MW-5	11/10/08	3601.54	37.40	40.68	3.28	3563.48
MW-5	11/24/08	3601.54	37.98	37.99	0.01	3563.56
MW-5	12/01/08	3601.54	37.43	40.63	3.20	3563.47
MW-5	12/08/08	3601.54	38.00	38.01	0.01	3563.54
MW-5	12/24/08	3601.54	37.56	40.72	3.16	3563.35
MW-5	12/29/08	3601.54	38.12	38.14	0.02	3563.42
MW-5	01/06/09	3601.54	37.38	40.75	3.37	3563.49
MW-5	01/19/09	3601.54	37.64	40.72	3.08	3563.28
MW-5	01/26/09	3601.54	38.26	38.31	0.05	3563.27
MW-5	02/10/09	3601.54	37.72	40.85	3.13	3563.19
MW-5	02/26/09	3601.54	38.26	38.29	0.03	3563.27
MW-5	03/02/09	3601.54	37.80	40.71	2.91	3563.16
MW-5	03/09/09	3601.54	38.31	38.34	0.03	3563.22
MW-5	03/16/09	3601.54	37.85	40.75	2.90	3563.11
MW-5	03/24/09	3601.54	38.36	38.41	0.05	3563.17
MW-5	03/30/09	3601.54	39.82	40.72	0.90	3561.54

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	04/06/09	3601.54	38.41	38.46	0.05	3563.12
MW-5	04/14/09	3601.54	37.88	40.68	2.80	3563.10
MW-5	04/20/09	3601.54	37.59	40.37	2.78	3563.39
MW-5	04/28/09	3601.54	38.48	38.58	0.10	3563.04
MW-5	05/11/09	3601.54	38.50	38.60	0.10	3563.02
MW-5	05/26/09	3601.54	38.51	38.70	0.19	3562.99
MW-5	06/01/09	3601.54	38.54	38.61	0.07	3562.99
MW-5	06/02/09	3601.54	38.74	38.80	0.06	3562.79
MW-5	06/09/09	3601.54	38.00	40.57	2.57	3563.03
MW-5	06/15/09	3601.54	38.58	38.85	0.27	3562.91
MW-5	06/29/09	3601.54	38.02	40.50	2.48	3563.02
MW-5	07/06/09	3601.54	38.65	38.66	0.01	3562.89
MW-5	07/14/09	3601.54	38.06	40.49	2.43	3562.99
MW-5	07/20/09	3601.54	38.87	38.88	0.01	3562.67
MW-5	07/27/09	3601.54	37.94	40.33	2.39	3563.12
MW-5	08/03/09	3601.54	38.98	39.04	0.06	3562.55
MW-5	08/04/09	3601.54	38.78	38.79	0.01	3562.76
MW-5	08/12/09	3601.54	38.03	40.05	2.02	3563.11
MW-5	08/24/09	3601.54	38.74	38.75	0.01	3562.80
MW-5	08/31/09	3601.54	38.95	40.45	1.50	3562.29
MW-5	09/08/09	3601.54	39.10	39.25	0.15	3562.41
MW-5	09/16/09	3601.54	39.91	40.40	0.49	3561.53
MW-5	09/28/09	3601.54	38.60	38.67	0.07	3562.93
MW-5	10/05/09	3601.54	38.85	38.86	0.01	3562.69
MW-5	10/12/09	3601.54	38.00	40.40	2.40	3563.06
MW-5	10/26/09	3601.54	38.05	40.40	2.35	3563.02
MW-5	11/03/09	3601.54	38.07	40.39	2.32	3563.01
MW-5	11/10/09	3601.54	38.92	38.93	0.01	3562.62
MW-5	11/23/09	3601.54	38.10	40.38	2.28	3562.98
MW-5	11/30/09	3601.54	38.69	38.71	0.02	3562.85
MW-5	12/07/09	3601.54	38.07	40.40	2.33	3563.00
MW-5	12/22/09	3601.54	38.38	40.19	1.81	3562.80
MW-5	01/04/10	3601.54	38.22	40.40	2.18	3562.88
MW-5	01/11/10	3601.54	38.26	40.38	2.12	3562.86
MW-5	01/18/10	3601.54	38.28	40.40	2.12	3562.84
MW-5	01/25/10	3601.54	38.29	40.40	2.11	3562.83
MW-5	02/01/10	3601.54	38.33	40.41	2.08	3562.79
MW-5	02/08/10	3601.54	38.36	40.42	2.06	3562.77
MW-5	02/22/10	3601.54	38.39	40.42	2.03	3562.74
MW-5	03/01/10	3601.54	38.40	40.42	2.02	3562.74
MW-5	03/08/10	3601.54	38.92	38.93	0.01	3562.62
MW-5	03/22/10	3601.54	39.04	39.11	0.07	3562.49
MW-5	03/29/10	3601.54	38.47	40.39	1.92	3562.69
MW-5	04/05/10	3601.54	38.46	40.38	1.92	3562.70
MW-5	04/13/10	3601.54	38.50	40.42	1.92	3562.66
MW-5	04/19/10	3601.54	38.50	40.40	1.90	3562.66
MW-5	04/20/10	3601.54	39.51	39.80	0.29	3561.97
MW-5	04/26/10	3601.54	38.51	40.38	1.87	3562.66
MW-5	05/03/10	3601.54	39.21	39.26	0.05	3562.32
MW-5	05/14/10	3601.54	38.34	40.40	2.06	3562.79

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	05/20/10	3601.54	39.56	40.10	0.54	3561.87
MW-5	05/27/10	3601.54	39.25	39.30	0.05	3562.28
MW-5	06/01/10	3601.54	38.62	40.38	1.76	3562.57
MW-5	06/07/10	3601.54	39.30	39.38	0.08	3562.22
MW-5	06/15/10	3601.54	38.67	40.44	1.77	3562.52
MW-5	06/28/10	3601.54	39.38	39.44	0.06	3562.15
MW-5	07/06/10	3601.54	38.66	40.40	1.74	3562.53
MW-5	07/13/10	3601.54	38.26	40.42	2.16	3562.85
MW-5	07/19/10	3601.54	38.90	39.26	0.36	3562.57
MW-5	07/26/10	3601.54	38.09	40.39	2.30	3562.99
MW-5	07/27/10	3601.54	38.45	38.98	0.53	3562.98
MW-5	07/28/10	3601.54	37.50	40.06	2.56	3563.53
MW-5	08/09/10	3601.54	38.58	39.03	0.45	3562.87
MW-5	08/16/10	3601.54	39.89	40.05	0.16	3561.62
MW-5	08/30/10	3601.54	37.80	40.05	2.25	3563.29
MW-5	09/08/10	3601.54	38.60	38.65	0.05	3562.93
MW-5	09/13/10	3601.54	37.74	39.57	1.83	3563.43
MW-5	09/20/10	3601.54	37.70	39.80	2.10	3563.42
MW-5	09/27/10	3601.54	38.28	38.70	0.42	3563.18
MW-5	10/04/10	3601.54	38.32	38.60	0.28	3563.16
MW-5	10/12/10	3601.54	37.73	39.82	2.09	3563.39
MW-5	10/19/10	3601.54	38.39	38.80	0.41	3563.07
MW-5	10/25/10	3601.54	37.75	40.00	2.25	3563.34
MW-5	11/01/10	3601.54	37.82	40.17	2.35	3563.25
MW-5	11/09/10	3601.54	37.82	40.40	2.58	3563.20
MW-5	11/22/10	3601.54	38.68	39.12	0.44	3562.77
MW-5	12/06/10	3601.54	38.22	39.45	1.23	3563.07
MW-5	01/03/11	3601.54	38.14	40.40	2.26	3562.95
MW-5	01/10/11	3601.54	38.21	40.45	2.24	3562.88
MW-5	01/17/11	3601.54	38.25	40.44	2.19	3562.85
MW-5	01/29/11	3601.54	38.23	40.45	2.22	3562.87
MW-5	01/31/11	3601.54	38.29	40.40	2.11	3562.83
MW-5	02/07/11	3601.54	38.19	39.70	1.51	3563.05
MW-5	02/15/11	3601.54	38.33	40.42	2.09	3562.79
MW-5	03/01/11	3601.54	38.45	40.47	2.02	3562.69
MW-5	03/07/11	3601.54	38.48	40.45	1.97	3562.67
MW-5	03/21/11	3601.54	39.14	39.56	0.42	3562.32
MW-5	03/28/11	3601.54	39.20	39.71	0.51	3562.24
MW-5	07/29/11	3601.54	39.00	40.32	1.32	3562.28
MW-5	08/04/11	3601.54	38.97	40.35	1.38	3562.29
MW-5	08/11/11	3601.54	39.41	40.13	0.72	3561.99
MW-5	09/14/11	3601.54	39.65	40.48	0.83	3561.72
MW-5	10/10/11	3601.54	39.23	40.38	1.15	3562.08
MW-5	11/18/11	3601.54	39.42	40.37	0.95	3561.93
MW-5	01/06/12	3601.54	39.80	40.38	0.58	3561.62
MW-5	01/26/12	3601.54	39.90	40.36	0.46	3561.55
MW-5	02/23/12	3601.54	39.96	40.38	0.42	3561.50
MW-5	03/29/12	3601.54	39.18	39.45	0.27	3562.31
MW-5	04/19/12	3601.54	39.88	39.92	0.04	3561.65
MW-5	05/29/12	3601.54	40.02	40.46	0.44	3561.43

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-5	06/07/12	3601.54	40.28	40.44	0.16	3561.23
MW-5	09/20/12	3601.54	40.29	40.54	0.25	3561.20
MW-5	11/29/12	3601.54	40.46	40.58	0.12	3561.06
MW-5	02/26/13	3601.54	DRY	DRY	DRY	DRY
MW-5	03/14/13	3601.54	DRY	DRY	DRY	DRY
MW-5	05/09/13	3601.54	DRY	DRY	DRY	DRY
MW-5	06/07/13	3601.54	DRY	DRY	DRY	DRY
MW-5	07/02/13	3601.54	DRY	DRY	DRY	DRY
MW-5	07/22/13	3601.54	DRY	DRY	DRY	DRY
MW-5	08/22/13	3601.54	DRY	DRY	DRY	DRY
MW-5	09/19/13	3601.54	DRY	DRY	DRY	DRY
MW-5	10/03/13	3601.54	DRY	DRY	DRY	DRY
MW-5	11/27/13	3601.54	DRY	DRY	DRY	DRY
MW-5	01/21/14	3601.54	NM	NM	NM	NM
MW-5	02/13/14	3601.54	DRY	DRY	DRY	DRY
MW-5	03/10/14	3601.54	DRY	DRY	DRY	DRY
MW-5	03/24/14	3601.54	DRY	DRY	DRY	DRY
MW-5	04/28/14	3601.54	DRY	DRY	DRY	DRY
MW-5	06/09/14	3601.54	DRY	DRY	DRY	DRY
MW-5	07/28/14	3601.54	DRY	DRY	DRY	DRY
MW-5	08/19/14	3601.54	DRY	DRY	DRY	DRY
MW-5	10/01/14	3601.54	DRY	DRY	DRY	DRY
MW-5	11/24/14	3601.54	DRY	DRY	DRY	DRY
MW-5	01/08/15	3601.54	DRY	DRY	DRY	DRY
MW-5	03/09/15	3601.54	DRY	DRY	DRY	DRY
MW-5	04/24/15	3601.54	DRY	DRY	DRY	DRY
MW-5	05/13/15	3601.54	DRY	DRY	DRY	DRY
MW-5	06/08/15	3601.54	DRY	DRY	DRY	DRY
MW-5	07/29/15	3601.54	DRY	DRY	DRY	DRY
MW-5	08/18/15	3601.54	DRY	DRY	DRY	DRY
MW-5	09/29/15	3601.54	DRY	DRY	DRY	DRY
MW-5	11/20/15	3601.54	DRY	DRY	DRY	DRY
MW-5	02/04/16	3601.54	DRY	DRY	DRY	DRY
MW-5	03/03/16	3601.54	DRY	DRY	DRY	DRY
MW-5	03/23/16	3601.54	DRY	DRY	DRY	DRY
MW-5	04/14/16	3601.54	DRY	DRY	DRY	DRY
MW-5	05/19/16	3601.54	DRY	DRY	DRY	DRY
MW-5	06/16/16	3601.54	DRY	DRY	DRY	DRY
MW-5	07/27/16	3601.54	DRY	DRY	DRY	DRY
MW-5	09/15/16	3601.54	DRY	DRY	DRY	DRY
MW-5	09/19/16	3601.54	DRY	DRY	DRY	DRY
MW-5	10/20/16	3601.54	DRY	DRY	DRY	DRY
MW-5	12/15/16	3601.54	DRY	DRY	DRY	DRY
MW-5	03/22/17	3601.54	DRY	DRY	DRY	DRY
MW-5	09/19/17	3601.54	DRY	DRY	DRY	DRY
MW-5	10/19/17	3601.54	DRY	DRY	DRY	DRY
MW-5	11/15/17	3601.54	DRY	DRY	DRY	DRY
MW-5	03/06/18	PLUGGED AND ABANDONED				
MW-6	02/27/01	3599.83	31.31	35.80	4.49	3567.62

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	06/25/01	3599.83	33.02	33.12	0.10	3566.79
MW-6	09/25/01	3599.83	32.83	37.11	4.28	3566.14
MW-6	12/11/01	3599.83	33.18	37.34	4.16	3565.82
MW-6	11/05/02	3599.83	34.00	38.22	4.22	3564.99
MW-6	04/21/03	3599.83	34.30	38.23	3.93	3564.74
MW-6	11/05/03	3599.83	35.06	39.15	4.09	3563.95
MW-6	01/19/04	3599.83	35.36	39.48	4.12	3563.65
MW-6	04/19/04	3599.83	35.40	39.15	3.75	3563.68
MW-6	07/20/04	3599.83	35.16	38.24	3.08	3564.05
MW-6	10/25/04	3599.83	33.22	34.38	1.16	3566.38
MW-6	12/08/04	3599.83	32.08	33.33	1.25	3567.50
MW-6	01/24/05	3599.83	31.39	32.53	1.14	3568.21
MW-6	02/14/05	3599.83	31.56	32.61	1.05	3568.06
MW-6	04/18/05	3599.83	31.78	32.98	1.20	3567.81
MW-6	07/18/05	3599.83	32.49	34.04	1.55	3567.03
MW-6	08/18/05	3599.83	32.79	34.47	1.68	3566.70
MW-6	09/29/05	3599.83	32.69	33.66	0.97	3566.95
MW-6	10/17/05	3599.83	32.57	33.38	0.81	3567.10
MW-6	11/03/05	3599.83	32.55	33.53	0.98	3567.08
MW-6	12/21/05	3599.83	32.78	33.62	0.84	3566.88
MW-6	12/28/05	3599.83	32.88	33.93	1.05	3566.74
MW-6	01/04/06	3599.83	32.92	34.05	1.13	3566.68
MW-6	01/10/06	3599.83	33.06	33.17	0.11	3566.75
MW-6	01/11/06	3599.83	32.99	33.51	0.52	3566.74
MW-6	01/16/06	3599.83	33.12	33.23	0.11	3566.69
MW-6	01/23/06	3599.83	33.09	33.20	0.11	3566.72
MW-6	02/01/06	3599.83	33.21	33.29	0.08	3566.60
MW-6	02/16/06	3599.83	33.32	33.43	0.11	3566.49
MW-6	03/06/06	3599.83	33.35	33.65	0.30	3566.42
MW-6	03/29/06	3599.83	33.62	33.77	0.15	3566.18
MW-6	04/04/06	3599.83	33.67	33.84	0.17	3566.13
MW-6	04/11/06	3599.83	33.70	33.99	0.29	3566.07
MW-6	04/17/06	3599.83	33.75	33.86	0.11	3566.06
MW-6	04/24/06	3599.83	33.70	34.13	0.43	3566.04
MW-6	05/03/06	3599.83	33.82	34.18	0.36	3565.94
MW-6	05/31/06	3599.83	34.01	34.47	0.46	3565.73
MW-6	06/09/06	3599.83	34.08	34.45	0.37	3565.68
MW-6	06/12/06	3599.83	34.10	34.55	0.45	3565.64
MW-6	06/26/06	3599.83	34.17	34.87	0.70	3565.52
MW-6	07/05/06	3599.83	34.21	35.01	0.80	3565.46
MW-6	07/10/06	3599.83	34.25	35.01	0.76	3565.43
MW-6	07/17/06	3599.83	34.28	35.12	0.84	3565.38
MW-6	07/24/06	3599.83	34.21	35.07	0.86	3565.45
MW-6	08/08/06	3599.83	34.37	35.01	0.64	3565.33
MW-6	08/14/06	3599.83	34.45	35.06	0.61	3565.26
MW-6	08/28/06	3599.83	34.46	35.11	0.65	3565.24
MW-6	09/14/06	3599.83	34.15	34.41	0.26	3565.63
MW-6	09/21/06	3599.83	34.05	34.32	0.27	3565.73
MW-6	09/25/06	3599.83	34.04	34.23	0.19	3565.75
MW-6	10/02/06	3599.83	33.91	34.21	0.30	3565.86

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	10/10/06	3599.83	33.84	34.15	0.31	3565.93
MW-6	10/16/06	3599.83	33.81	34.00	0.19	3565.98
MW-6	10/23/06	3599.83	33.65	33.96	0.31	3566.12
MW-6	10/30/06	3599.83	33.79	33.87	0.08	3566.02
MW-6	11/06/06	3599.83	33.76	33.87	0.11	3566.05
MW-6	11/21/06	3599.83	33.74	33.82	0.08	3566.07
MW-6	11/28/06	3599.83	33.72	33.84	0.12	3566.09
MW-6	12/05/06	3599.83	33.76	33.94	0.18	3566.03
MW-6	12/11/06	3599.83	33.76	33.81	0.05	3566.06
MW-6	12/18/06	3599.83	33.86	33.94	0.08	3565.95
MW-6	01/02/07	3599.83	33.97	34.10	0.13	3565.83
MW-6	01/08/07	3599.83	34.01	34.13	0.12	3565.80
MW-6	01/23/07	3599.83	33.90	34.41	0.51	3565.83
MW-6	02/05/07	3599.83	34.23	34.47	0.24	3565.55
MW-6	02/26/07	3599.83	34.33	34.78	0.45	3565.41
MW-6	03/05/07	3599.83	34.35	35.09	0.74	3565.33
MW-6	03/13/07	3599.83	34.38	35.31	0.93	3565.26
MW-6	03/19/07	3599.83	34.42	35.35	0.93	3565.22
MW-6	03/26/07	3599.83	34.45	35.43	0.98	3565.18
MW-6	04/02/07	3599.83	34.55	35.20	0.65	3565.15
MW-6	04/23/07	3599.83	34.44	35.34	0.90	3565.21
MW-6	05/01/07	3599.83	34.60	35.54	0.94	3565.04
MW-6	05/29/07	3599.83	34.64	35.57	0.93	3565.00
MW-6	06/04/07	3599.83	34.74	34.90	0.16	3565.06
MW-6	06/11/07	3599.83	34.73	34.87	0.14	3565.07
MW-6	06/18/07	3599.83	34.78	34.78	0.00	3565.05
MW-6	06/26/07	3599.83	34.65	34.78	0.13	3565.15
MW-6	07/09/07	3599.83	34.65	34.93	0.28	3565.12
MW-6	07/17/07	3599.83	34.66	34.99	0.33	3565.10
MW-6	07/23/07	3599.83	34.63	35.04	0.41	3565.12
MW-6	07/30/07	3599.83	34.73	34.72	0.01	3565.10
MW-6	08/08/07	3599.83	34.73	34.72	0.01	3565.10
MW-6	08/20/07	3599.83	34.76	34.94	0.18	3565.03
MW-6	08/27/07	3599.83	34.78	35.06	0.28	3564.99
MW-6	09/04/07	3599.83	34.80	35.16	0.36	3564.96
MW-6	09/10/07	3599.83	34.83	35.01	0.18	3564.96
MW-6	09/25/07	3599.83	34.67	35.13	0.46	3565.07
MW-6	10/02/07	3599.83	--	34.67	--	3565.16
MW-6	10/11/07	3599.83	34.45	35.29	0.84	3565.21
MW-6	10/22/07	3599.83	34.23	35.24	1.01	3565.40
MW-6	10/31/07	3599.83	34.46	34.51	0.05	3565.36
MW-6	11/12/07	3599.83	34.28	35.41	1.13	3565.32
MW-6	11/19/07	3599.83	34.47	34.55	0.08	3565.34
MW-6	12/05/07	3599.83	34.34	35.77	1.43	3565.20
MW-6	12/10/07	3599.83	34.65	34.66	0.01	3565.18
MW-6	12/20/07	3599.83	34.50	35.84	1.34	3565.06
MW-6	01/02/08	3599.83	34.68	35.73	1.05	3564.94
MW-6	01/07/08	3599.83	34.74	35.59	0.85	3564.92
MW-6	01/28/08	3599.83	34.63	35.69	1.06	3564.99
MW-6	02/12/08	3599.83	35.04	35.35	0.31	3564.73

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	02/26/08	3599.83	35.16	35.31	0.15	3564.64
MW-6	03/11/08	3599.83	35.08	36.32	1.24	3564.50
MW-6	03/17/08	3599.83	35.27	35.37	0.10	3564.54
MW-6	03/24/08	3599.83	35.18	36.26	1.08	3564.43
MW-6	03/31/08	3599.83	35.35	35.55	0.20	3564.44
MW-6	04/14/08	3599.83	35.15	37.14	1.99	3564.28
MW-6	04/21/08	3599.83	34.91	37.19	2.28	3564.46
MW-6	04/28/08	3599.83	35.20	37.51	2.31	3564.17
MW-6	05/20/08	3599.83	35.28	37.90	2.62	3564.03
MW-6	06/02/08	3599.83	35.34	38.08	2.74	3563.94
MW-6	06/09/08	3599.83	35.69	36.37	0.68	3564.00
MW-6	06/16/08	3599.83	35.79	36.15	0.36	3563.97
MW-6	06/30/08	3599.83	35.50	38.30	2.80	3563.77
MW-6	07/14/08	3599.83	35.49	36.53	1.04	3564.13
MW-6	07/21/08	3599.83	35.41	37.87	2.46	3563.93
MW-6	08/06/08	3599.83	35.92	37.15	1.23	3563.66
MW-6	08/18/08	3599.83	35.77	38.51	2.74	3563.51
MW-6	09/09/08	3599.83	36.21	36.57	0.36	3563.55
MW-6	09/15/08	3599.83	35.90	38.44	2.54	3563.42
MW-6	09/22/08	3599.83	36.24	36.68	0.44	3563.50
MW-6	09/29/08	3599.83	36.26	36.66	0.40	3563.49
MW-6	10/07/08	3599.83	36.26	36.65	0.39	3563.49
MW-6	10/14/08	3599.83	36.22	36.97	0.75	3563.46
MW-6	10/20/08	3599.83	35.53	38.48	2.95	3563.71
MW-6	10/27/08	3599.83	36.20	36.98	0.78	3563.47
MW-6	11/10/08	3599.83	36.13	36.90	0.77	3563.55
MW-6	11/24/08	3599.83	36.00	36.88	0.88	3563.65
MW-6	12/01/08	3599.83	35.74	39.24	3.50	3563.39
MW-6	12/08/08	3599.83	35.74	39.33	3.59	3563.37
MW-6	12/24/08	3599.83	35.82	39.48	3.66	3563.28
MW-6	12/29/08	3599.83	35.85	39.55	3.70	3563.24
MW-6	01/06/09	3599.83	36.45	36.49	0.04	3563.37
MW-6	01/19/09	3599.83	35.92	39.56	3.64	3563.18
MW-6	01/26/09	3599.83	36.61	36.65	0.04	3563.21
MW-6	02/10/09	3599.83	36.00	39.74	3.74	3563.08
MW-6	02/26/09	3599.83	36.62	36.61	0.01	3563.21
MW-6	03/02/09	3599.83	36.20	38.97	2.77	3563.08
MW-6	03/09/09	3599.83	--	36.66	--	3563.17
MW-6	03/16/09	3599.83	36.17	39.50	3.33	3562.99
MW-6	03/24/09	3599.83	--	36.68	--	3563.15
MW-6	03/30/09	3599.83	36.20	39.35	3.15	3563.00
MW-6	04/06/09	3599.83	--	36.71	--	3563.12
MW-6	04/14/09	3599.83	36.24	39.51	3.27	3562.94
MW-6	04/20/09	3599.83	35.97	39.24	3.27	3563.21
MW-6	04/28/09	3599.83	36.74	36.85	0.11	3563.07
MW-6	05/11/09	3599.83	--	36.80	--	3563.03
MW-6	05/26/09	3599.83	36.26	40.00	3.74	3562.82
MW-6	06/01/09	3599.83	36.88	36.92	0.04	3562.94
MW-6	06/02/09	3599.83	37.30	37.70	0.40	3562.45
MW-6	06/09/09	3599.83	36.79	37.40	0.61	3562.92

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	06/15/09	3599.83	36.75	37.49	0.74	3562.93
MW-6	06/29/09	3599.83	36.38	39.80	3.42	3562.77
MW-6	07/06/09	3599.83	36.85	37.51	0.66	3562.85
MW-6	07/14/09	3599.83	36.89	37.41	0.52	3562.84
MW-6	07/20/09	3599.83	36.92	37.49	0.57	3562.80
MW-6	07/27/09	3599.83	36.42	37.24	0.82	3563.25
MW-6	08/03/09	3599.83	36.67	38.85	2.18	3562.72
MW-6	08/04/09	3599.83	36.92	37.53	0.61	3562.79
MW-6	08/12/09	3599.83	36.88	37.50	0.62	3562.83
MW-6	08/24/09	3599.83	36.82	37.57	0.75	3562.86
MW-6	08/31/09	3599.83	36.81	37.53	0.72	3562.88
MW-6	09/08/09	3599.83	36.56	39.02	2.46	3562.78
MW-6	09/16/09	3599.83	36.78	37.48	0.70	3562.91
MW-6	09/28/09	3599.83	36.80	37.52	0.72	3562.89
MW-6	10/05/09	3599.83	36.59	38.83	2.24	3562.79
MW-6	10/12/09	3599.83	36.84	37.60	0.76	3562.84
MW-6	10/26/09	3599.83	36.46	39.77	3.31	3562.71
MW-6	11/03/09	3599.83	36.91	37.62	0.71	3562.78
MW-6	11/10/09	3599.83	36.92	37.64	0.72	3562.77
MW-6	11/23/09	3599.83	36.90	37.65	0.75	3562.78
MW-6	11/30/09	3599.83	36.98	37.37	0.39	3562.77
MW-6	12/07/09	3599.83	36.95	37.91	0.96	3562.69
MW-6	12/22/09	3599.83	37.06	37.74	0.68	3562.63
MW-6	01/04/10	3599.83	36.87	39.14	2.27	3562.51
MW-6	01/11/10	3599.83	36.79	39.60	2.81	3562.48
MW-6	01/18/10	3599.83	37.11	37.88	0.77	3562.57
MW-6	01/25/10	3599.83	36.84	39.48	2.64	3562.46
MW-6	02/01/10	3599.83	37.20	37.90	0.70	3562.49
MW-6	02/08/10	3599.83	37.11	38.43	1.32	3562.46
MW-6	02/22/10	3599.83	37.28	37.95	0.67	3562.42
MW-6	03/01/10	3599.83	37.28	37.93	0.65	3562.42
MW-6	03/08/10	3599.83	37.28	37.95	0.67	3562.42
MW-6	03/22/10	3599.83	37.30	37.96	0.66	3562.40
MW-6	03/29/10	3599.83	37.29	38.09	0.80	3562.38
MW-6	04/05/10	3599.83	37.32	38.12	0.80	3562.35
MW-6	04/13/10	3599.83	37.35	38.17	0.82	3562.32
MW-6	04/19/10	3599.83	37.32	38.22	0.90	3562.33
MW-6	04/20/10	3599.83	37.45	37.62	0.17	3562.35
MW-6	04/26/10	3599.83	37.12	39.38	2.26	3562.26
MW-6	05/03/10	3599.83	37.50	37.72	0.22	3562.29
MW-6	05/14/10	3599.83	37.13	39.63	2.50	3562.20
MW-6	05/20/10	3599.83	37.46	37.99	0.53	3562.26
MW-6	05/27/10	3599.83	37.55	37.76	0.21	3562.24
MW-6	06/01/10	3599.83	37.27	39.26	1.99	3562.16
MW-6	06/07/10	3599.83	37.60	37.81	0.21	3562.19
MW-6	06/15/10	3599.83	37.25	39.57	2.32	3562.12
MW-6	06/28/10	3599.83	37.51	38.81	1.30	3562.06
MW-6	07/06/10	3599.83	37.27	39.12	1.85	3562.19
MW-6	07/13/10	3599.83	36.65	38.29	1.64	3562.85
MW-6	07/19/10	3599.83	36.88	37.40	0.52	3562.85

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	07/26/10	3599.83	36.67	37.88	1.21	3562.92
MW-6	07/27/10	3599.83	36.80	36.83	0.03	3563.02
MW-6	07/28/10	3599.83	36.74	37.17	0.43	3563.00
MW-6	08/09/10	3599.83	36.46	37.85	1.39	3563.09
MW-6	08/16/10	3599.83	36.43	37.58	1.15	3563.17
MW-6	08/30/10	3599.83	36.35	37.09	0.74	3563.33
MW-6	09/08/10	3599.83	36.27	37.15	0.88	3563.38
MW-6	09/13/10	3599.83	36.35	36.62	0.27	3563.43
MW-6	09/20/10	3599.83	36.35	36.62	0.27	3563.43
MW-6	09/27/10	3599.83	36.20	37.30	1.10	3563.41
MW-6	10/04/10	3599.83	36.35	36.65	0.30	3563.42
MW-6	10/12/10	3599.83	36.19	37.67	1.48	3563.34
MW-6	10/19/10	3599.83	36.43	36.75	0.32	3563.34
MW-6	10/25/10	3599.83	36.20	37.80	1.60	3563.31
MW-6	11/01/10	3599.83	36.51	36.79	0.28	3563.26
MW-6	11/09/10	3599.83	36.55	36.81	0.26	3563.23
MW-6	11/22/10	3599.83	36.66	36.83	0.17	3563.14
MW-6	12/06/10	3599.83	36.42	38.69	2.27	3562.96
MW-6	01/03/11	3599.83	36.59	39.29	2.70	3562.70
MW-6	01/10/11	3599.83	37.06	37.15	0.09	3562.75
MW-6	01/17/11	3599.83	36.95	38.26	1.31	3562.62
MW-6	01/29/11	3599.83	37.05	38.08	1.03	3562.57
MW-6	01/31/11	3599.83	36.92	39.02	2.10	3562.49
MW-6	02/07/11	3599.83	36.91	39.47	2.56	3562.41
MW-6	02/15/11	3599.83	37.35	37.68	0.33	3562.41
MW-6	03/01/11	3599.83	37.38	37.66	0.28	3562.39
MW-6	03/07/11	3599.83	37.42	38.07	0.65	3562.28
MW-6	03/21/11	3599.83	37.50	38.87	1.37	3562.06
MW-6	03/28/11	3599.83	37.44	41.37	3.93	3561.60
MW-6	07/29/11	3599.83	37.18	41.12	3.94	3561.86
MW-6	08/04/11	3599.83	37.48	41.44	3.96	3561.56
MW-6	08/11/11	3599.83	37.51	41.49	3.98	3561.52
MW-6	09/14/11	3599.83	37.63	41.70	4.07	3561.39
MW-6	10/10/11	3599.83	37.72	41.93	4.21	3561.27
MW-6	11/18/11	3599.83	37.86	41.96	4.10	3561.15
MW-6	01/06/12	3599.83	38.07	42.13	4.06	3560.95
MW-6	01/26/12	3599.83	38.14	42.13	3.99	3560.89
MW-6	02/23/12	3599.83	38.24	42.29	4.05	3560.78
MW-6	03/29/12	3599.83	38.33	42.47	4.14	3560.67
MW-6	04/19/12	3599.83	38.41	42.61	4.20	3560.58
MW-6	05/29/12	3599.83	38.62	42.86	4.24	3560.36
MW-6	06/07/12	3599.83	38.87	41.29	2.42	3560.48
MW-6	09/20/12	3599.83	38.80	42.73	3.93	3560.24
MW-6	11/15/12	3599.83	38.72	42.64	3.92	3560.33
MW-6	11/29/12	3599.83	39.03	42.93	3.90	3560.02
MW-6	12/20/12	3599.83	39.11	43.03	3.92	3559.94
MW-6	02/26/13	3599.83	39.27	43.02	3.75	3559.81
MW-6	03/07/13	3599.83	39.26	43.04	3.78	3559.81
MW-6	03/14/13	3599.83	39.29	43.14	3.85	3559.77
MW-6	04/10/13	3599.83	39.35	42.98	3.63	3559.75

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-6	05/09/13	3599.83	39.48	42.97	3.49	3559.65
MW-6	06/07/13	3599.83	39.57	42.99	3.42	3559.58
MW-6	07/02/13	3599.83	39.53	43.26	3.73	3559.55
MW-6	07/22/13	3599.83	40.11	42.00	1.89	3559.34
MW-6	08/22/13	3599.83	39.84	42.74	2.90	3559.41
MW-6	09/19/13	3599.83	40.38	41.11	0.73	3559.30
MW-6	10/03/13	3599.83	40.39	41.29	0.90	3559.26
MW-6	11/27/13	3599.83	40.41	41.85	1.44	3559.13
MW-6	01/21/14	3599.83	40.45	42.34	1.89	3559.00
MW-6	02/13/14	3599.83	40.74	40.95	0.21	3559.05
MW-6	03/10/14	3599.83	40.82	41.01	0.19	3558.97
MW-6	03/24/14	3599.83	40.88	41.01	0.13	3558.92
MW-6	04/28/14	3599.83	40.97	41.00	0.03	3558.85
MW-6	06/09/14	3599.83	40.98	42.03	1.05	3558.64
MW-6	07/28/14	3599.83	41.29	41.47	0.18	3558.50
MW-6	08/19/14	3599.83	41.32	41.49	0.17	3558.48
MW-6	10/01/14	3599.83	41.23	*42.70*	1.47	3558.31
MW-6	11/24/14	3599.83	40.73	*42.68*	1.95	3558.71
MW-6	01/08/15	3599.83	40.58	42.78	2.20	3558.81
MW-6	03/09/15	3599.83	40.57	42.74	2.17	3558.83
MW-6	04/21/15	3599.83	41.12	41.89	0.77	3558.56
MW-6	04/22/15	3599.83	41.25	41.82	0.57	3558.47
MW-6	04/24/15	3599.83	41.28	42.16	0.88	3558.37
MW-6	05/13/15	3599.83	40.90	42.73	1.83	3558.56
MW-6	06/08/15	3599.83	40.82	42.78	1.96	3558.62
MW-6	07/07/15	3599.83	40.71	42.75	2.04	3558.71
MW-6	07/08/15	3599.83	40.73	42.75	2.02	3558.70
MW-6	07/29/15	3599.83	40.70	42.75	2.05	3558.72
MW-6	08/18/15	3599.83	40.69	42.75	2.06	3558.73
MW-6	09/29/15	3599.83	40.69	42.75	2.06	3558.73
MW-6	11/20/15	3599.83	40.60	41.91	1.31	3558.97
MW-6	02/04/16	3599.83	40.64	42.70	2.06	3558.78
MW-6	03/03/16	3599.83	40.77	42.56	1.79	3558.70
MW-6	03/23/16	3599.83	40.70	42.80	2.10	3558.71
MW-6	04/14/16	3599.83	40.84	42.66	1.82	3558.63
MW-6	05/19/16	3599.83	40.90	42.70	1.80	3558.57
MW-6	06/16/16	3599.83	41.18	42.71	1.53	3558.34
MW-6	07/27/16	3599.83	41.37	42.80	1.43	3558.17
MW-6	09/15/16	3599.83	41.39	42.82	1.43	3558.15
MW-6	09/19/16	3599.83	41.39	42.82	1.43	3558.15
MW-6	10/20/16	3599.83	40.98	42.69	1.71	3558.51
MW-6	12/15/16	3599.83	41.07	42.69	1.62	3558.44
MW-6	03/22/17	3599.83	40.69	42.65	1.96	3558.75
MW-6	09/19/17	3599.83	41.18	42.73	1.55	3558.34
MW-6	10/19/17	3599.83	41.54	42.32	0.78	3558.13
MW-6	11/15/17	3599.83	41.50	41.51	0.01	3558.33
MW-6	03/06/18	PLUGGED AND ABANDONED				
MW-7 (SVE-6)	02/27/01	3602.11	33.60	39.35	5.75	3567.36
MW-7 (SVE-6)	06/25/01	3602.11	34.69	40.34	5.65	3566.29

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	09/25/01	3602.11	35.14	40.83	5.69	3565.83
MW-7 (SVE-6)	12/11/01	3602.11	35.49	41.23	5.74	3565.47
MW-7 (SVE-6)	11/05/02	3602.11	36.67	42.25	5.58	3564.32
MW-7 (SVE-6)	04/21/03	3602.11	36.98	42.41	5.43	3564.04
MW-7 (SVE-6)	06/23/03	3602.11	37.21	42.02	4.81	3563.94
MW-7 (SVE-6)	11/05/03	3602.11	38.10	41.49	3.39	3563.33
MW-7 (SVE-6)	01/19/04	3602.11	38.79	39.63	0.84	3563.15
MW-7 (SVE-6)	04/19/04	3602.11	38.69	39.78	1.09	3563.20
MW-7 (SVE-6)	07/20/04	3602.11	37.98	41.40	3.42	3563.45
MW-7 (SVE-6)	10/25/04	3602.11	35.81	36.77	0.96	3566.11
MW-7 (SVE-6)	01/24/05	3602.11	34.03	34.75	0.72	3567.94
MW-7 (SVE-6)	04/18/05	3602.11	34.50	35.86	1.36	3567.34
MW-7 (SVE-6)	07/18/05	3602.11	35.27	37.59	2.32	3566.38
MW-7 (SVE-6)	08/19/05	3602.11	35.55	38.09	2.54	3566.05
MW-7 (SVE-6)	09/15/05	3602.11	35.71	36.40	0.69	3566.26
MW-7 (SVE-6)	09/29/05	3602.11	35.64	35.92	0.28	3566.41
MW-7 (SVE-6)	10/11/05	3602.11	35.34	36.64	1.30	3566.51
MW-7 (SVE-6)	10/17/05	3602.11	35.47	35.87	0.40	3566.56
MW-7 (SVE-6)	10/20/05	3602.11	35.29	36.22	0.93	3566.63
MW-7 (SVE-6)	11/03/05	3602.11	35.25	36.62	1.37	3566.59
MW-7 (SVE-6)	11/16/05	3602.11	35.49	36.20	0.71	3566.48
MW-7 (SVE-6)	12/06/05	3602.11	35.51	36.77	1.26	3566.35
MW-7 (SVE-6)	12/21/05	3602.11	35.62	36.97	1.35	3566.22
MW-7 (SVE-6)	12/28/05	3602.11	35.87	36.28	0.41	3566.16
MW-7 (SVE-6)	01/04/06	3602.11	35.77	36.10	0.33	3566.27
MW-7 (SVE-6)	01/11/06	3602.11	35.84	36.64	0.80	3566.11
MW-7 (SVE-6)	01/16/06	3602.11	36.02	36.12	0.10	3566.07
MW-7 (SVE-6)	01/23/06	3602.11	35.91	36.70	0.79	3566.04
MW-7 (SVE-6)	02/01/06	3602.11	36.10	36.43	0.33	3565.94
MW-7 (SVE-6)	02/16/06	3602.11	36.22	36.53	0.31	3565.83
MW-7 (SVE-6)	03/06/06	3602.11	36.40	36.54	0.14	3565.68
MW-7 (SVE-6)	03/29/06	3602.11	36.55	36.84	0.29	3565.50
MW-7 (SVE-6)	04/04/06	3602.11	36.62	36.70	0.08	3565.47
MW-7 (SVE-6)	04/11/06	3602.11	36.65	36.82	0.17	3565.43
MW-7 (SVE-6)	04/17/06	3602.11	36.58	37.47	0.89	3565.35
MW-7 (SVE-6)	04/24/06	3602.11	36.52	37.86	1.34	3565.32
MW-7 (SVE-6)	05/03/06	3602.11	36.83	37.00	0.17	3565.25
MW-7 (SVE-6)	05/31/06	3602.11	36.89	37.90	1.01	3565.02
MW-7 (SVE-6)	06/09/06	3602.11	36.94	37.98	1.04	3564.96
MW-7 (SVE-6)	06/12/06	3602.11	37.14	37.43	0.29	3564.91
MW-7 (SVE-6)	06/26/06	3602.11	37.12	37.79	0.67	3564.86
MW-7 (SVE-6)	07/05/06	3602.11	37.13	38.10	0.97	3564.79
MW-7 (SVE-6)	07/10/06	3602.11	37.27	37.57	0.30	3564.78
MW-7 (SVE-6)	07/17/06	3602.11	37.31	37.91	0.60	3564.68
MW-7 (SVE-6)	07/24/06	3602.11	37.06	38.58	1.52	3564.75
MW-7 (SVE-6)	08/08/06	3602.11	37.15	38.92	1.77	3564.61
MW-7 (SVE-6)	08/14/06	3602.11	37.24	38.84	1.60	3564.55
MW-7 (SVE-6)	08/28/06	3602.11	37.18	39.27	2.09	3564.51
MW-7 (SVE-6)	09/14/06	3602.11	36.71	38.76	2.05	3564.99
MW-7 (SVE-6)	09/21/06	3602.11	36.65	38.43	1.78	3565.10

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	09/25/06	3602.11	36.86	37.43	0.57	3565.14
MW-7 (SVE-6)	10/02/06	3602.11	36.55	37.82	1.27	3565.31
MW-7 (SVE-6)	10/10/06	3602.11	36.54	37.56	1.02	3565.37
MW-7 (SVE-6)	10/16/06	3602.11	36.54	37.56	1.02	3565.37
MW-7 (SVE-6)	10/23/06	3602.11	36.31	37.63	1.32	3565.54
MW-7 (SVE-6)	10/30/06	3602.11	36.60	37.11	0.51	3565.41
MW-7 (SVE-6)	11/06/06	3602.11	36.62	36.91	0.29	3565.43
MW-7 (SVE-6)	11/21/06	3602.11	36.61	37.00	0.39	3565.42
MW-7 (SVE-6)	11/28/06	3602.11	36.37	37.32	0.95	3565.55
MW-7 (SVE-6)	12/05/06	3602.11	36.44	37.46	1.02	3565.47
MW-7 (SVE-6)	12/11/06	3602.11	36.72	36.96	0.24	3565.34
MW-7 (SVE-6)	12/18/06	3602.11	36.80	37.10	0.30	3565.25
MW-7 (SVE-6)	01/02/07	3602.11	36.90	37.38	0.48	3565.11
MW-7 (SVE-6)	01/08/07	3602.11	37.00	37.20	0.20	3565.07
MW-7 (SVE-6)	01/23/07	3602.11	36.62	38.29	1.67	3565.16
MW-7 (SVE-6)	02/05/07	3602.11	37.23	37.42	0.19	3564.84
MW-7 (SVE-6)	02/26/07	3602.11	36.97	39.06	2.09	3564.72
MW-7 (SVE-6)	03/05/07	3602.11	37.10	39.02	1.92	3564.63
MW-7 (SVE-6)	03/13/07	3602.11	37.02	39.61	2.59	3564.57
MW-7 (SVE-6)	03/19/07	3602.11	37.64	37.68	0.04	3564.46
MW-7 (SVE-6)	03/26/07	3602.11	37.12	39.72	2.60	3564.47
MW-7 (SVE-6)	04/02/07	3602.11	37.14	39.94	2.80	3564.41
MW-7 (SVE-6)	04/23/07	3602.11	37.05	40.09	3.04	3564.45
MW-7 (SVE-6)	05/01/07	3602.11	37.17	40.37	3.20	3564.30
MW-7 (SVE-6)	05/29/07	3602.11	37.14	40.55	3.41	3564.29
MW-7 (SVE-6)	06/04/07	3602.11	37.12	40.57	3.45	3564.30
MW-7 (SVE-6)	06/11/07	3602.11	37.17	40.03	2.86	3564.37
MW-7 (SVE-6)	06/18/07	3602.11	37.61	38.18	0.57	3564.39
MW-7 (SVE-6)	06/26/07	3602.11	37.20	39.37	2.17	3564.48
MW-7 (SVE-6)	07/09/07	3602.11	37.56	38.56	1.00	3564.35
MW-7 (SVE-6)	07/17/07	3602.11	37.27	39.22	1.95	3564.45
MW-7 (SVE-6)	07/23/07	3602.11	37.09	40.24	3.15	3564.39
MW-7 (SVE-6)	07/30/07	3602.11	37.50	38.00	0.50	3564.51
MW-7 (SVE-6)	08/08/07	3602.11	37.42	38.57	1.15	3564.46
MW-7 (SVE-6)	08/20/07	3602.11	37.36	39.41	2.05	3564.34
MW-7 (SVE-6)	08/27/07	3602.11	37.26	40.27	3.01	3564.25
MW-7 (SVE-6)	09/04/07	3602.11	37.74	38.06	0.32	3564.31
MW-7 (SVE-6)	09/10/07	3602.11	37.75	38.06	0.31	3564.30
MW-7 (SVE-6)	09/25/07	3602.11	37.12	39.95	2.83	3564.42
MW-7 (SVE-6)	10/02/07	3602.11	37.47	37.67	0.20	3564.60
MW-7 (SVE-6)	10/11/07	3602.11	36.98	39.46	2.48	3564.63
MW-7 (SVE-6)	10/22/07	3602.11	36.80	39.20	2.40	3564.83
MW-7 (SVE-6)	10/31/07	3602.11	37.35	37.46	0.11	3564.74
MW-7 (SVE-6)	11/12/07	3602.11	36.89	39.24	2.35	3564.75
MW-7 (SVE-6)	11/19/07	3602.11	37.49	37.53	0.04	3564.61
MW-7 (SVE-6)	12/05/07	3602.11	36.98	39.64	2.66	3564.60
MW-7 (SVE-6)	12/10/07	3602.11	37.45	37.55	0.10	3564.64
MW-7 (SVE-6)	12/20/07	3602.11	37.11	39.86	2.75	3564.45
MW-7 (SVE-6)	01/02/08	3602.11	37.31	39.81	2.50	3564.30
MW-7 (SVE-6)	01/07/08	3602.11	37.67	39.30	1.63	3564.11

Historical Groundwater Elevation Data
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Line NM 1-1
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Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	01/28/08	3602.11	37.19	40.51	3.32	3564.26
MW-7 (SVE-6)	02/12/08	3602.11	37.69	39.83	2.14	3563.99
MW-7 (SVE-6)	02/26/08	3602.11	38.08	38.95	0.87	3563.86
MW-7 (SVE-6)	03/11/08	3602.11	37.91	39.58	1.67	3563.87
MW-7 (SVE-6)	03/17/08	3602.11	38.17	39.11	0.94	3563.75
MW-7 (SVE-6)	03/24/08	3602.11	38.30	39.30	1.00	3563.61
MW-7 (SVE-6)	03/31/08	3602.11	38.33	39.25	0.92	3563.60
MW-7 (SVE-6)	04/14/08	3602.11	38.49	39.23	0.74	3563.47
MW-7 (SVE-6)	04/21/08	3602.11	37.66	41.13	3.47	3563.76
MW-7 (SVE-6)	04/28/08	3602.11	38.64	39.24	0.60	3563.35
MW-7 (SVE-6)	05/20/08	3602.11	38.02	41.98	3.96	3563.30
MW-7 (SVE-6)	06/02/08	3602.11	38.14	42.19	4.05	3563.16
MW-7 (SVE-6)	06/09/08	3602.11	38.19	42.18	3.99	3563.12
MW-7 (SVE-6)	06/16/08	3602.11	38.15	42.16	4.01	3563.16
MW-7 (SVE-6)	06/30/08	3602.11	38.25	42.20	3.95	3563.07
MW-7 (SVE-6)	07/14/08	3602.11	38.31	42.17	3.86	3563.03
MW-7 (SVE-6)	07/21/08	3602.11	38.09	41.92	3.83	3563.25
MW-7 (SVE-6)	08/06/08	3602.11	38.39	42.19	3.80	3562.96
MW-7 (SVE-6)	08/18/08	3602.11	38.50	42.02	3.52	3562.91
MW-7 (SVE-6)	09/09/08	3602.11	38.88	41.25	2.37	3562.76
MW-7 (SVE-6)	09/15/08	3602.11	39.24	40.31	1.07	3562.66
MW-7 (SVE-6)	09/22/08	3602.11	39.25	40.28	1.03	3562.65
MW-7 (SVE-6)	09/29/08	3602.11	39.25	40.31	1.06	3562.65
MW-7 (SVE-6)	10/07/08	3602.11	39.25	40.37	1.12	3562.64
MW-7 (SVE-6)	10/14/08	3602.11	38.61	42.25	3.64	3562.77
MW-7 (SVE-6)	10/20/08	3602.11	38.21	40.00	1.79	3563.54
MW-7 (SVE-6)	11/10/08	3602.11	38.61	42.23	3.62	3562.78
MW-7 (SVE-6)	11/24/08	3602.11	38.50	42.20	3.70	3562.87
MW-7 (SVE-6)	12/01/08	3602.11	38.69	41.81	3.12	3562.80
MW-7 (SVE-6)	12/08/08	3602.11	39.18	40.77	1.59	3562.61
MW-7 (SVE-6)	12/24/08	3602.11	38.90	41.61	2.71	3562.67
MW-7 (SVE-6)	12/29/08	3602.11	39.37	40.97	1.60	3562.42
MW-7 (SVE-6)	01/06/09	3602.11	39.41	40.81	1.40	3562.42
MW-7 (SVE-6)	01/19/09	3602.11	38.70	42.26	3.56	3562.70
MW-7 (SVE-6)	01/26/09	3602.11	39.39	40.18	0.79	3562.56
MW-7 (SVE-6)	02/10/09	3602.11	39.11	41.58	2.47	3562.51
MW-7 (SVE-6)	02/26/09	3602.11	38.84	41.58	2.74	3562.72
MW-7 (SVE-6)	03/02/09	3602.11	38.95	42.20	3.25	3562.51
MW-7 (SVE-6)	03/09/09	3602.11	38.86	42.20	3.34	3562.58
MW-7 (SVE-6)	03/16/09	3602.11	38.91	42.22	3.31	3562.54
MW-7 (SVE-6)	03/24/09	3602.11	38.87	40.45	1.58	3562.92
MW-7 (SVE-6)	03/30/09	3602.11	39.00	42.25	3.25	3562.46
MW-7 (SVE-6)	04/06/09	3602.11	39.00	42.19	3.19	3562.47
MW-7 (SVE-6)	04/14/09	3602.11	38.96	42.15	3.19	3562.51
MW-7 (SVE-6)	04/20/09	3602.11	38.68	42.00	3.32	3562.77
MW-7 (SVE-6)	04/28/09	3602.11	40.02	40.04	0.02	3562.09
MW-7 (SVE-6)	05/11/09	3602.11	40.06	40.42	0.36	3561.98
MW-7 (SVE-6)	05/26/09	3602.11	39.27	42.00	2.73	3562.29
MW-7 (SVE-6)	06/01/09	3602.11	39.11	42.00	2.89	3562.42
MW-7 (SVE-6)	06/02/09	3602.11	39.10	41.95	2.85	3562.44

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Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	06/09/09	3602.11	39.07	41.95	2.88	3562.46
MW-7 (SVE-6)	06/15/09	3602.11	39.76	40.05	0.29	3562.29
MW-7 (SVE-6)	06/29/09	3602.11	39.10	41.90	2.80	3562.45
MW-7 (SVE-6)	07/06/09	3602.11	40.00	40.04	0.04	3562.10
MW-7 (SVE-6)	07/14/09	3602.11	39.15	41.90	2.75	3562.41
MW-7 (SVE-6)	07/20/09	3602.11	39.20	41.92	2.72	3562.37
MW-7 (SVE-6)	07/27/09	3602.11	39.04	42.00	2.96	3562.48
MW-7 (SVE-6)	08/03/09	3602.11	39.18	41.91	2.73	3562.38
MW-7 (SVE-6)	08/04/09	3602.11	39.19	41.92	2.73	3562.37
MW-7 (SVE-6)	08/12/09	3602.11	39.12	40.90	1.78	3562.63
MW-7 (SVE-6)	08/24/09	3602.11	39.88	40.40	0.52	3562.13
MW-7 (SVE-6)	08/31/09	3602.11	39.84	40.51	0.67	3562.14
MW-7 (SVE-6)	09/08/09	3602.11	39.95	40.47	0.52	3562.06
MW-7 (SVE-6)	09/16/09	3602.11	40.11	40.22	0.11	3561.98
MW-7 (SVE-6)	09/28/09	3602.11	39.92	39.96	0.04	3562.18
MW-7 (SVE-6)	10/12/09	3602.11	40.00	40.55	0.55	3562.00
MW-7 (SVE-6)	10/26/09	3602.11	39.13	41.77	2.64	3562.45
MW-7 (SVE-6)	11/03/09	3602.11	40.21	40.38	0.17	3561.87
MW-7 (SVE-6)	11/10/09	3602.11	39.17	41.75	2.58	3562.42
MW-7 (SVE-6)	11/23/09	3602.11	40.10	40.58	0.48	3561.91
MW-7 (SVE-6)	11/30/09	3602.11	39.24	41.75	2.51	3562.37
MW-7 (SVE-6)	12/07/09	3602.11	39.27	41.76	2.49	3562.34
MW-7 (SVE-6)	12/22/09	3602.11	39.30	41.75	2.45	3562.32
MW-7 (SVE-6)	01/04/10	3602.11	39.35	41.80	2.45	3562.27
MW-7 (SVE-6)	01/11/10	3602.11	39.36	41.68	2.32	3562.29
MW-7 (SVE-6)	01/18/10	3602.11	39.39	42.00	2.61	3562.20
MW-7 (SVE-6)	01/25/10	3602.11	39.40	41.80	2.40	3562.23
MW-7 (SVE-6)	02/01/10	3602.11	39.44	41.75	2.31	3562.21
MW-7 (SVE-6)	02/08/10	3602.11	39.46	41.80	2.34	3562.18
MW-7 (SVE-6)	02/22/10	3602.11	39.52	41.75	2.23	3562.14
MW-7 (SVE-6)	03/01/10	3602.11	39.53	41.75	2.22	3562.14
MW-7 (SVE-6)	03/08/10	3602.11	39.53	41.75	2.22	3562.14
MW-7 (SVE-6)	03/22/10	3602.11	39.55	41.75	2.20	3562.12
MW-7 (SVE-6)	03/29/10	3602.11	40.40	40.59	0.19	3561.67
MW-7 (SVE-6)	04/05/10	3602.11	40.40	40.66	0.26	3561.66
MW-7 (SVE-6)	04/13/10	3602.11	39.62	41.75	2.13	3562.06
MW-7 (SVE-6)	04/19/10	3602.11	39.83	41.75	1.92	3561.90
MW-7 (SVE-6)	04/20/10	3602.11	40.72	40.79	0.07	3561.38
MW-7 (SVE-6)	04/26/10	3602.11	39.62	41.72	2.10	3562.07
MW-7 (SVE-6)	05/03/10	3602.11	40.73	40.76	0.03	3561.37
MW-7 (SVE-6)	05/14/10	3602.11	39.30	42.20	2.90	3562.23
MW-7 (SVE-6)	05/20/10	3602.11	40.70	40.87	0.17	3561.38
MW-7 (SVE-6)	05/27/10	3602.11	40.59	40.73	0.14	3561.49
MW-7 (SVE-6)	06/01/10	3602.11	40.55	40.80	0.25	3561.51
MW-7 (SVE-6)	06/07/10	3602.11	39.74	40.78	1.04	3562.16
MW-7 (SVE-6)	06/15/10	3602.11	40.65	40.91	0.26	3561.41
MW-7 (SVE-6)	06/28/10	3602.11	40.73	40.82	0.09	3561.36
MW-7 (SVE-6)	07/06/10	3602.11	40.68	40.82	0.14	3561.40
MW-7 (SVE-6)	07/13/10	3602.11	39.39	41.80	2.41	3562.24
MW-7 (SVE-6)	07/19/10	3602.11	39.38	41.80	2.42	3562.25

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Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	07/26/10	3602.11	39.18	41.90	2.72	3562.39
MW-7 (SVE-6)	07/27/10	3602.11	39.50	40.48	0.98	3562.41
MW-7 (SVE-6)	07/28/10	3602.11	39.14	41.78	2.64	3562.44
MW-7 (SVE-6)	08/09/10	3602.11	39.00	41.75	2.75	3562.56
MW-7 (SVE-6)	08/16/10	3602.11	38.98	41.77	2.79	3562.57
MW-7 (SVE-6)	08/30/10	3602.11	39.18	40.44	1.26	3562.68
MW-7 (SVE-6)	09/08/10	3602.11	39.10	40.16	1.06	3562.80
MW-7 (SVE-6)	09/13/10	3602.11	38.80	41.43	2.63	3562.78
MW-7 (SVE-6)	09/20/10	3602.11	38.68	41.48	2.80	3562.87
MW-7 (SVE-6)	09/27/10	3602.11	39.42	40.50	1.08	3562.47
MW-7 (SVE-6)	10/04/10	3602.11	39.43	40.60	1.17	3562.45
MW-7 (SVE-6)	10/12/10	3602.11	38.76	41.42	2.66	3562.82
MW-7 (SVE-6)	10/19/10	3602.11	38.78	41.78	3.00	3562.73
MW-7 (SVE-6)	10/25/10	3602.11	38.75	41.77	3.02	3562.76
MW-7 (SVE-6)	11/01/10	3602.11	38.85	41.80	2.95	3562.67
MW-7 (SVE-6)	11/09/10	3602.11	40.10	40.09	0.01	3562.01
MW-7 (SVE-6)	11/22/10	3602.11	38.94	41.75	2.81	3562.61
MW-7 (SVE-6)	12/06/10	3602.11	40.25	40.26	0.01	3561.86
MW-7 (SVE-6)	01/03/11	3602.11	39.18	41.74	2.56	3562.42
MW-7 (SVE-6)	01/10/11	3602.11	39.17	41.74	2.57	3562.43
MW-7 (SVE-6)	01/17/11	3602.11	39.30	41.77	2.47	3562.32
MW-7 (SVE-6)	01/29/11	3602.11	39.36	41.75	2.39	3562.27
MW-7 (SVE-6)	01/31/11	3602.11	39.40	41.75	2.35	3562.24
MW-7 (SVE-6)	02/07/11	3602.11	39.49	41.75	2.26	3562.17
MW-7 (SVE-6)	02/15/11	3602.11	39.57	41.75	2.18	3562.10
MW-7 (SVE-6)	03/01/11	3602.11	39.67	41.78	2.11	3562.02
MW-7 (SVE-6)	03/07/11	3602.11	39.70	41.38	1.68	3562.07
MW-7 (SVE-6)	03/21/11	3602.11	39.71	41.78	2.07	3561.99
MW-7 (SVE-6)	03/28/11	3602.11	40.43	41.66	1.23	3561.43
MW-7 (SVE-6)	07/29/11	3602.11	40.36	41.62	1.26	3561.50
MW-7 (SVE-6)	08/04/11	3602.11	40.34	41.63	1.29	3561.51
MW-7 (SVE-6)	08/11/11	3602.11	40.28	41.63	1.35	3561.56
MW-7 (SVE-6)	09/14/11	3602.11	40.39	41.62	1.23	3561.47
MW-7 (SVE-6)	10/10/11	3602.11	40.48	41.62	1.14	3561.40
MW-7 (SVE-6)	11/18/11	3602.11	40.68	41.62	0.94	3561.24
MW-7 (SVE-6)	01/06/12	3602.11	40.82	41.63	0.81	3561.13
MW-7 (SVE-6)	01/26/12	3602.11	40.93	41.63	0.70	3561.04
MW-7 (SVE-6)	02/23/12	3602.11	41.02	41.65	0.63	3560.96
MW-7 (SVE-6)	03/29/12	3602.11	38.39	41.74	3.35	3563.05
MW-7 (SVE-6)	04/19/12	3602.11	41.27	41.69	0.42	3560.76
MW-7 (SVE-6)	05/29/12	3602.11	41.43	41.68	0.25	3560.63
MW-7 (SVE-6)	06/07/12	3602.11	41.42	41.68	0.26	3560.64
MW-7 (SVE-6)	09/20/12	3602.11	41.55	41.68	0.13	3560.53
MW-7 (SVE-6)	11/29/12	3602.11	41.74	41.79	0.05	3560.36
MW-7 (SVE-6)	02/26/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/14/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	05/09/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	06/07/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/02/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/22/13	3602.11	DRY	DRY	DRY	DRY

Historical Groundwater Elevation Data
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Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-7 (SVE-6)	08/22/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/19/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	10/03/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	11/27/13	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	01/21/14	3602.11	NM	NM	NM	NM
MW-7 (SVE-6)	02/13/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/10/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/24/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	04/28/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	06/09/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/28/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	08/19/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	10/01/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	11/24/14	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	01/08/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/09/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	04/24/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	05/13/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	06/08/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/29/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	08/18/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/29/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	11/20/15	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	02/04/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/03/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/23/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	04/14/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	05/19/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	06/16/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	07/27/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/15/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/19/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	10/20/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	12/15/16	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/22/17	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	09/19/17	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	10/19/17	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	11/15/17	3602.11	DRY	DRY	DRY	DRY
MW-7 (SVE-6)	03/06/18	PLUGGED AND ABANDONED				
MW-8	02/27/01	3598.87	31.17	34.36	3.19	3567.06
MW-8	06/25/01	3598.87	31.93	35.59	3.66	3566.21
MW-8	09/25/01	3598.87	32.33	36.18	3.85	3565.77
MW-8	12/11/01	3598.87	32.63	36.71	4.08	3565.42
MW-8	11/05/02	3598.87	33.86	38.34	4.48	3564.11
MW-8	04/21/03	3598.87	34.22	38.64	4.42	3563.77
MW-8	06/23/03	3598.87	34.31	37.21	2.90	3563.98
MW-8	11/05/03	3598.87	34.43	39.85	5.42	3563.36
MW-8	01/19/04	3598.87	35.13	40.16	5.03	3562.73
MW-8	04/19/04	3598.87	35.20	39.41	4.21	3562.83

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	07/20/04	3598.87	34.96	38.65	3.69	3563.17
MW-8	10/25/04	3598.87	32.93	35.70	2.77	3565.39
MW-8	01/24/05	3598.87	31.29	33.20	1.91	3567.20
MW-8	04/18/05	3598.87	31.67	33.44	1.77	3566.85
MW-8	07/18/05	3598.87	32.42	33.28	0.86	3566.28
MW-8	08/19/05	3598.87	32.68	34.64	1.96	3565.80
MW-8	09/15/05	3598.87	--	32.88	--	3565.99
MW-8	09/29/05	3598.87	32.61	34.59	1.98	3565.86
MW-8	10/11/05	3598.87	32.68	32.93	0.25	3566.14
MW-8	10/17/05	3598.87	32.56	33.49	0.93	3566.12
MW-8	11/03/05	3598.87	32.50	33.71	1.21	3566.13
MW-8	11/16/05	3598.87	32.62	33.65	1.03	3566.04
MW-8	11/29/05	3598.87	32.63	33.77	1.14	3566.01
MW-8	12/21/05	3598.87	32.69	33.83	1.14	3565.95
MW-8	12/28/05	3598.87	32.80	33.92	1.12	3565.85
MW-8	01/04/06	3598.87	32.84	34.11	1.27	3565.78
MW-8	01/11/06	3598.87	32.88	33.83	0.95	3565.80
MW-8	01/16/06	3598.87	33.05	33.31	0.26	3565.77
MW-8	01/23/06	3598.87	33.04	33.44	0.40	3565.75
MW-8	02/01/06	3598.87	33.11	33.55	0.44	3565.67
MW-8	02/16/06	3598.87	33.24	33.52	0.28	3565.57
MW-8	03/06/06	3598.87	33.37	33.65	0.28	3565.44
MW-8	03/29/06	3598.87	33.56	33.75	0.19	3565.27
MW-8	04/04/06	3598.87	33.61	33.71	0.10	3565.24
MW-8	04/11/06	3598.87	33.67	33.81	0.14	3565.17
MW-8	04/17/06	3598.87	33.71	33.74	0.03	3565.15
MW-8	04/24/06	3598.87	33.64	34.11	0.47	3565.14
MW-8	05/03/06	3598.87	33.79	33.98	0.19	3565.04
MW-8	05/31/06	3598.87	34.00	34.07	0.07	3564.86
MW-8	06/09/06	3598.87	34.06	34.14	0.08	3564.79
MW-8	06/12/06	3598.87	34.10	34.13	0.03	3564.76
MW-8	06/26/06	3598.87	34.17	34.26	0.09	3564.68
MW-8	07/05/06	3598.87	34.23	34.34	0.11	3564.62
MW-8	07/10/06	3598.87	34.26	34.36	0.10	3564.59
MW-8	07/17/06	3598.87	34.30	34.41	0.11	3564.55
MW-8	07/24/06	3598.87	34.25	34.39	0.14	3564.59
MW-8	08/08/06	3598.87	34.39	34.49	0.10	3564.46
MW-8	08/14/06	3598.87	34.45	34.54	0.09	3564.40
MW-8	08/28/06	3598.87	34.46	34.67	0.21	3564.37
MW-8	09/14/06	3598.87	34.05	34.71	0.66	3564.69
MW-8	09/21/06	3598.87	33.95	34.61	0.66	3564.79
MW-8	09/25/06	3598.87	33.91	34.58	0.67	3564.83
MW-8	10/02/06	3598.87	33.80	34.56	0.76	3564.92
MW-8	10/10/06	3598.87	33.71	34.57	0.86	3564.99
MW-8	10/16/06	3598.87	33.76	33.98	0.22	3565.07
MW-8	10/23/06	3598.87	33.61	33.95	0.34	3565.19
MW-8	10/30/06	3598.87	33.76	33.79	0.03	3565.10
MW-8	11/06/06	3598.87	33.76	33.77	0.01	3565.11
MW-8	11/21/06	3598.87	33.65	34.13	0.48	3565.12
MW-8	11/28/06	3598.87	33.67	34.05	0.38	3565.12

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	12/05/06	3598.87	33.67	34.12	0.45	3565.11
MW-8	12/11/06	3598.87	33.81	33.82	0.01	3565.06
MW-8	12/18/06	3598.87	33.74	34.38	0.64	3565.00
MW-8	01/02/07	3598.87	33.97	34.26	0.29	3564.84
MW-8	01/08/07	3598.87	34.05	34.06	0.01	3564.82
MW-8	01/23/07	3598.87	33.90	34.33	0.43	3564.88
MW-8	02/05/07	3598.87	34.12	34.72	0.60	3564.63
MW-8	02/26/07	3598.87	34.34	34.52	0.18	3564.49
MW-8	03/05/07	3598.87	34.43	34.56	0.13	3564.41
MW-8	03/13/07	3598.87	34.42	34.64	0.22	3564.41
MW-8	03/19/07	3598.87	34.52	34.70	0.18	3564.31
MW-8	03/26/07	3598.87	34.55	34.64	0.09	3564.30
MW-8	04/02/07	3598.87	34.62	35.02	0.40	3564.17
MW-8	04/23/07	3598.87	34.50	34.75	0.25	3564.32
MW-8	05/01/07	3598.87	34.65	34.87	0.22	3564.18
MW-8	05/29/07	3598.87	34.68	35.14	0.46	3564.10
MW-8	06/04/07	3598.87	34.69	35.02	0.33	3564.11
MW-8	06/11/07	3598.87	34.62	35.08	0.46	3564.16
MW-8	06/18/07	3598.87	34.73	35.15	0.42	3564.06
MW-8	06/26/07	3598.87	34.57	35.10	0.53	3564.19
MW-8	07/09/07	3598.87	34.81	35.28	0.47	3563.97
MW-8	07/17/07	3598.87	34.60	35.33	0.73	3564.12
MW-8	07/23/07	3598.87	34.56	35.41	0.85	3564.14
MW-8	07/30/07	3598.87	34.64	35.33	0.69	3564.09
MW-8	08/08/07	3598.87	34.60	35.48	0.88	3564.09
MW-8	08/20/07	3598.87	34.67	35.56	0.89	3564.02
MW-8	08/27/07	3598.87	34.68	35.67	0.99	3563.99
MW-8	09/04/07	3598.87	34.84	35.73	0.89	3563.85
MW-8	09/10/07	3598.87	34.97	35.64	0.67	3563.77
MW-8	09/25/07	3598.87	34.64	35.40	0.76	3564.08
MW-8	10/02/07	3598.87	34.61	35.46	0.85	3564.09
MW-8	10/11/07	3598.87	34.48	35.33	0.85	3564.22
MW-8	10/22/07	3598.87	34.26	35.34	1.08	3564.39
MW-8	10/31/07	3598.87	34.46	35.42	0.96	3564.22
MW-8	11/12/07	3598.87	34.38	34.92	0.54	3564.38
MW-8	11/19/07	3598.87	34.49	35.15	0.66	3564.25
MW-8	12/05/07	3598.87	34.59	35.24	0.65	3564.15
MW-8	12/10/07	3598.87	34.68	35.39	0.71	3564.05
MW-8	12/20/07	3598.87	34.71	35.00	0.29	3564.10
MW-8	01/02/08	3598.87	34.76	35.21	0.45	3564.02
MW-8	01/07/08	3598.87	34.79	35.44	0.65	3563.95
MW-8	01/28/08	3598.87	34.65	35.49	0.84	3564.05
MW-8	02/12/08	3598.87	34.95	35.91	0.96	3563.73
MW-8	02/26/08	3598.87	35.13	35.61	0.48	3563.64
MW-8	03/11/08	3598.87	35.20	35.31	0.11	3563.65
MW-8	03/17/08	3598.87	35.23	35.42	0.19	3563.60
MW-8	03/24/08	3598.87	35.27	35.49	0.22	3563.56
MW-8	03/31/08	3598.87	35.30	35.63	0.33	3563.50
MW-8	04/14/08	3598.87	35.37	35.85	0.48	3563.40
MW-8	04/21/08	3598.87	35.14	35.71	0.57	3563.62

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	04/28/08	3598.87	35.56	35.56	0.00	3563.31
MW-8	05/20/08	3598.87	35.60	36.25	0.65	3563.14
MW-8	06/02/08	3598.87	35.75	35.76	0.01	3563.12
MW-8	06/09/08	3598.87	35.80	36.26	0.46	3562.98
MW-8	06/16/08	3598.87	35.90	35.89	0.01	3562.97
MW-8	06/30/08	3598.87	35.73	36.93	1.20	3562.90
MW-8	07/14/08	3598.87	36.20	36.23	0.03	3562.66
MW-8	07/21/08	3598.87	35.71	36.32	0.61	3563.04
MW-8	08/06/08	3598.87	36.03	36.85	0.82	3562.68
MW-8	08/18/08	3598.87	36.11	37.02	0.91	3562.58
MW-8	09/09/08	3598.87	36.26	36.88	0.62	3562.49
MW-8	09/15/08	3598.87	36.33	36.64	0.31	3562.48
MW-8	09/22/08	3598.87	36.30	36.67	0.37	3562.50
MW-8	09/29/08	3598.87	36.47	36.57	0.10	3562.38
MW-8	10/07/08	3598.87	36.02	37.45	1.43	3562.56
MW-8	10/14/08	3598.87	36.24	37.00	0.76	3562.48
MW-8	10/20/08	3598.87	35.65	37.27	1.62	3562.90
MW-8	10/27/08	3598.87	35.88	38.35	2.47	3562.50
MW-8	11/10/08	3598.87	35.75	39.30	3.55	3562.41
MW-8	11/24/08	3598.87	35.90	38.90	3.00	3562.37
MW-8	12/01/08	3598.87	35.66	39.59	3.93	3562.42
MW-8	12/08/08	3598.87	36.04	37.54	1.50	3562.53
MW-8	12/24/08	3598.87	36.38	36.65	0.27	3562.44
MW-8	12/29/08	3598.87	36.32	36.81	0.49	3562.45
MW-8	01/06/09	3598.87	36.48	36.51	0.03	3562.38
MW-8	01/19/09	3598.87	35.92	38.98	3.06	3562.34
MW-8	01/26/09	3598.87	36.60	36.81	0.21	3562.23
MW-8	02/10/09	3598.87	35.95	39.43	3.48	3562.22
MW-8	02/26/09	3598.87	36.48	36.60	0.12	3562.37
MW-8	03/02/09	3598.87	36.52	36.72	0.20	3562.31
MW-8	03/09/09	3598.87	36.13	38.79	2.66	3562.21
MW-8	03/16/09	3598.87	36.58	36.76	0.18	3562.25
MW-8	03/24/09	3598.87	36.14	39.00	2.86	3562.16
MW-8	03/30/09	3598.87	36.70	36.71	0.01	3562.17
MW-8	04/06/09	3598.87	36.24	38.70	2.46	3562.14
MW-8	04/14/09	3598.87	36.65	36.93	0.28	3562.16
MW-8	04/20/09	3598.87	35.99	38.58	2.59	3562.36
MW-8	04/28/09	3598.87	36.68	36.95	0.27	3562.14
MW-8	05/11/09	3598.87	36.68	37.02	0.34	3562.12
MW-8	05/26/09	3598.87	36.80	37.05	0.25	3562.02
MW-8	06/01/09	3598.87	36.74	37.04	0.30	3562.07
MW-8	06/02/09	3598.87	36.90	36.91	0.01	3561.97
MW-8	06/09/09	3598.87	36.50	38.47	1.97	3561.98
MW-8	06/15/09	3598.87	36.95	36.94	0.01	3561.92
MW-8	06/29/09	3598.87	36.35	39.55	3.20	3561.88
MW-8	07/06/09	3598.87	36.71	38.05	1.34	3561.89
MW-8	07/14/09	3598.87	36.58	38.52	1.94	3561.90
MW-8	07/20/09	3598.87	36.42	39.71	3.29	3561.79
MW-8	07/27/09	3598.87	36.20	40.04	3.84	3561.90
MW-8	08/03/09	3598.87	36.34	40.39	4.05	3561.72

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	08/04/09	3598.87	36.37	40.33	3.96	3561.71
MW-8	08/12/09	3598.87	36.88	37.70	0.82	3561.83
MW-8	08/24/09	3598.87	36.79	37.55	0.76	3561.93
MW-8	08/31/09	3598.87	36.80	37.66	0.86	3561.90
MW-8	09/08/09	3598.87	36.44	39.24	2.80	3561.87
MW-8	09/16/09	3598.87	36.85	37.76	0.91	3561.84
MW-8	09/28/09	3598.87	37.12	37.14	0.02	3561.75
MW-8	10/12/09	3598.87	36.73	38.34	1.61	3561.82
MW-8	10/26/09	3598.87	36.33	41.00	4.67	3561.61
MW-8	11/03/09	3598.87	37.81	38.82	1.01	3560.86
MW-8	11/10/09	3598.87	36.47	39.67	3.20	3561.76
MW-8	11/23/09	3598.87	37.45	37.76	0.31	3561.36
MW-8	11/30/09	3598.87	36.55	40.58	4.03	3561.51
MW-8	12/07/09	3598.87	36.73	38.70	1.97	3561.75
MW-8	12/22/09	3598.87	38.01	38.02	0.01	3560.86
MW-8	01/04/10	3598.87	36.55	40.38	3.83	3561.55
MW-8	01/11/10	3598.87	36.53	40.64	4.11	3561.52
MW-8	01/18/10	3598.87	38.02	38.03	0.01	3560.85
MW-8	01/25/10	3598.87	36.70	39.91	3.21	3561.53
MW-8	02/01/10	3598.87	36.63	40.68	4.05	3561.43
MW-8	02/08/10	3598.87	36.63	40.77	4.14	3561.41
MW-8	02/22/10	3598.87	--	38.17	--	3560.70
MW-8	03/01/10	3598.87	36.82	40.03	3.21	3561.41
MW-8	03/08/10	3598.87	--	38.18	--	3560.69
MW-8	03/22/10	3598.87	36.76	40.71	3.95	3561.32
MW-8	03/29/10	3598.87	--	38.20	--	3560.67
MW-8	04/05/10	3598.87	36.92	40.05	3.13	3561.32
MW-8	04/13/10	3598.87	--	38.26	--	3560.61
MW-8	04/19/10	3598.87	37.04	39.83	2.79	3561.27
MW-8	04/26/10	3598.87	37.03	39.43	2.40	3561.36
MW-8	05/03/10	3598.87	--	38.20	--	3560.67
MW-8	05/14/10	3598.87	36.98	40.44	3.46	3561.20
MW-8	05/20/10	3598.87	38.11	38.12	0.01	3560.76
MW-8	05/27/10	3598.87	37.10	39.85	2.75	3561.22
MW-8	06/01/10	3598.87	--	38.11	--	3560.76
MW-8	06/07/10	3598.87	37.28	39.12	1.84	3561.22
MW-8	06/15/10	3598.87	38.02	38.40	0.38	3560.77
MW-8	06/28/10	3598.87	37.29	39.63	2.34	3561.11
MW-8	07/13/10	3598.87	36.22	38.91	2.69	3562.11
MW-8	07/19/10	3598.87	37.39	37.73	0.34	3561.41
MW-8	07/26/10	3598.87	36.48	38.24	1.76	3562.04
MW-8	07/27/10	3598.87	36.78	36.81	0.03	3562.08
MW-8	07/28/10	3598.87	36.61	37.02	0.41	3562.18
MW-8	08/09/10	3598.87	36.30	38.35	2.05	3562.16
MW-8	08/16/10	3598.87	37.40	37.42	0.02	3561.47
MW-8	08/30/10	3598.87	36.16	37.93	1.77	3562.36
MW-8	09/08/10	3598.87	37.17	37.18	0.01	3561.70
MW-8	09/13/10	3598.87	36.19	37.15	0.96	3562.49
MW-8	09/20/10	3598.87	36.65	36.66	0.01	3562.22
MW-8	09/27/10	3598.87	36.15	37.35	1.20	3562.48

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	10/04/10	3598.87	36.92	36.93	0.01	3561.95
MW-8	10/12/10	3598.87	36.18	37.56	1.38	3562.41
MW-8	10/19/10	3598.87	37.00	37.01	0.01	3561.87
MW-8	10/25/10	3598.87	36.24	37.35	1.11	3562.41
MW-8	11/01/10	3598.87	36.76	37.36	0.60	3561.99
MW-8	11/09/10	3598.87	36.86	36.87	0.01	3562.01
MW-8	11/22/10	3598.87	36.33	38.25	1.92	3562.16
MW-8	12/06/10	3598.87	37.53	37.56	0.03	3561.33
MW-8	01/03/11	3598.87	36.50	39.50	3.00	3561.77
MW-8	01/17/11	3598.87	36.98	37.50	0.52	3561.79
MW-8	01/29/11	3598.87	36.65	39.68	3.03	3561.61
MW-8	01/31/11	3598.87	36.88	38.60	1.72	3561.65
MW-8	02/07/11	3598.87	36.66	40.23	3.57	3561.50
MW-8	02/15/11	3598.87	36.91	39.12	2.21	3561.52
MW-8	03/01/11	3598.87	37.32	37.57	0.25	3561.50
MW-8	03/07/11	3598.87	37.42	37.43	0.01	3561.45
MW-8	03/21/11	3598.87	37.51	37.93	0.42	3561.28
MW-8	03/28/11	3598.87	37.65	37.68	0.03	3561.21
MW-8	07/29/11	3598.87	37.98	39.55	1.57	3560.58
MW-8	08/04/11	3598.87	37.60	39.90	2.30	3560.81
MW-8	08/11/11	3598.87	37.91	38.00	0.09	3560.94
MW-8	08/16/11	3598.87	37.91	38.19	0.28	3560.90
MW-8	09/14/11	3598.87	38.04	38.22	0.18	3560.79
MW-8	10/10/11	3598.87	38.03	39.12	1.09	3560.62
MW-8	11/18/11	3598.87	37.88	41.08	3.20	3560.35
MW-8	01/06/12	3598.87	38.12	41.40	3.28	3560.09
MW-8	01/26/12	3598.87	38.16	41.65	3.49	3560.01
MW-8	02/23/12	3598.87	38.23	41.64	3.41	3559.96
MW-8	03/29/12	3598.87	39.39	41.74	2.35	3559.01
MW-8	04/19/12	3598.87	38.61	41.90	3.29	3559.60
MW-8	05/29/12	3598.87	38.94	39.91	0.97	3559.74
MW-8	09/20/12	3598.87	39.09	41.03	1.94	3559.39
MW-8	11/15/12	3598.87	39.33	41.13	1.80	3559.18
MW-8	11/29/12	3598.87	39.46	41.91	2.45	3558.92
MW-8	12/20/12	3598.87	39.40	41.07	1.67	3559.14
MW-8	02/26/13	3598.87	39.67	41.49	1.82	3558.84
MW-8	03/07/13	3598.87	39.65	41.31	1.66	3558.89
MW-8	03/14/13	3598.87	39.86	41.97	2.11	3558.59
MW-8	04/10/13	3598.87	39.77	41.42	1.65	3558.77
MW-8	05/09/13	3598.87	39.99	41.63	1.64	3558.55
MW-8	06/07/13	3598.87	39.96	41.62	1.66	3558.58
MW-8	07/02/13	3598.87	39.81	41.43	1.62	3558.74
MW-8	07/22/13	3598.87	--	40.29	--	3558.58
MW-8	08/22/13	3598.87	--	40.32	--	3558.55
MW-8	09/19/13	3598.87	--	40.41	--	3558.46
MW-8	10/03/13	3598.87	--	40.37	--	3558.50
MW-8	11/27/13	3598.87	40.53	40.55	0.02	3558.34
MW-8	01/21/14	3598.87	--	40.71	--	3558.16
MW-8	02/13/14	3598.87	--	40.70	--	3558.17
MW-8	03/10/14	3598.87	--	40.78	--	3558.09

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-8	03/24/14	3598.87	--	40.81	--	3558.06
MW-8	04/28/14	3598.87	--	40.97	--	3557.90
MW-8	06/09/14	3598.87	--	41.01	--	3557.86
MW-8	07/28/14	3598.87	--	41.14	--	3557.73
MW-8	08/19/14	3598.87	--	41.31	--	3557.56
MW-8	10/01/14	3598.87	41.33	41.44	0.11	3557.52
MW-8	11/24/14	3598.87	41.15	41.46	0.31	3557.66
MW-8	01/08/15	3598.87	41.19	41.88	0.69	3557.54
MW-8	03/09/15	3598.87	41.12	41.89	0.77	3557.60
MW-8	04/21/15	3598.87	41.12	41.89	0.77	3557.60
MW-8	04/22/15	3598.87	--	41.31	--	3557.56
MW-8	04/24/15	3598.87	--	41.38	--	3557.49
MW-8	05/13/15	3598.87	41.40	41.60	0.20	3557.43
MW-8	05/27/15	3598.87	41.39	41.75	0.36	3557.41
MW-8	06/08/15	3598.87	41.42	41.89	0.47	3557.36
MW-8	06/24/15	3598.87	41.39	41.98	0.59	3557.36
MW-8	07/07/15	3598.87	41.44	42.01	0.57	3557.32
MW-8	07/08/15	3598.87	41.43	42.00	0.57	3557.33
MW-8	07/29/15	3598.87	41.40	42.00	0.60	3557.35
MW-8	08/18/15	3598.87	41.40	42.04	0.64	3557.34
MW-8	09/29/15	3598.87	41.44	42.04	0.60	3557.31
MW-8	11/20/15	3598.87	41.40	42.04	0.74	3557.42
MW-8	02/04/16	3598.87	41.00	41.71	0.71	3557.73
MW-8	03/03/16	3598.87	--	41.04	--	3557.83
MW-8	03/23/16	3598.87	--	41.60	--	3557.27
MW-8	04/14/16	3598.87	--	41.22	--	3557.65
MW-8	05/19/16	3598.87	41.33	41.34	0.01	3557.54
MW-8	06/16/16	3598.87	41.41	41.81	0.40	3557.38
MW-8	07/27/16	3598.87	--	41.40	--	3557.47
MW-8	09/15/16	3598.87	--	41.42	--	3557.45
MW-8	09/19/16	3598.87	--	41.42	--	3557.45
MW-8	10/20/16	3598.87	41.29	41.93	0.64	3557.45
MW-8	12/15/16	3598.87	41.28	41.92	0.64	3557.46
MW-8	03/22/17	3598.87	--	41.06	--	3557.81
MW-8	09/19/17	3598.87	41.30	41.95	0.65	3557.44
MW-8	10/19/17	3598.87	41.28	41.90	0.62	3557.47
MW-8	11/15/17	3598.87	41.26	41.90	0.64	3557.48
MW-8	03/06/18	PLUGGED AND ABANDONED				
MW-9 (NW-4)	02/27/01	3601.05	--	34.80	--	3566.25
MW-9 (NW-4)	06/25/01	3601.05	35.11	35.78	0.67	3565.81
MW-9 (NW-4)	09/25/01	3601.05	35.19	37.54	2.35	3565.39
MW-9 (NW-4)	06/23/03	3601.05	34.55	38.80	4.25	3565.65
MW-9 (NW-4)	04/22/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	05/13/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	06/08/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	07/07/15	3601.05	40.36	40.37	0.01	3560.69
MW-9 (NW-4)	07/08/15	3601.05	40.36	40.37	0.01	3560.69
MW-9 (NW-4)	08/18/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	09/29/15	3601.05	DRY	DRY	DRY	DRY

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-9 (NW-4)	11/20/15	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	02/04/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	03/03/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	03/23/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	04/14/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	05/19/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	06/16/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	07/27/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	09/15/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	09/19/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	10/20/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	12/15/16	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	03/22/17	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	09/19/17	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	10/19/17	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	11/15/17	3601.05	DRY	DRY	DRY	DRY
MW-9 (NW-4)	03/06/18	PLUGGED AND ABANDONED				
MW-10 (NIW-5)	02/27/01	3602.96	--	36.27	--	3566.69
MW-10 (NIW-5)	06/25/01	3602.96	--	36.69	--	3566.27
MW-10 (NIW-5)	09/25/01	3602.96	--	37.13	--	3565.83
MW-10 (NIW-5)	12/11/01	3602.96	--	37.49	--	3565.47
MW-10 (NIW-5)	05/20/02	3602.96	--	37.87	--	3565.09
MW-10 (NIW-5)	03/22/17	3602.96	--	37.87	--	3565.09
MW-10 (NIW-5)	09/19/17	3602.96	DRY	DRY	DRY	DRY
MW-10 (NIW-5)	03/06/18	PLUGGED AND ABANDONED				
MW-11	02/27/01	3600.67	--	32.13	--	3568.54
MW-11	06/25/01	3600.67	--	32.56	--	3568.11
MW-11	09/25/01	3600.67	--	32.99	--	3567.68
MW-11	12/11/01	3600.67	--	33.33	--	3567.34
MW-11	05/20/02	3600.67	--	33.83	--	3566.84
MW-11	03/22/17	3600.67	--	33.83	--	3566.84
MW-11	09/19/17	3600.67	DRY	DRY	DRY	DRY
MW-11	03/06/18	PLUGGED AND ABANDONED				
MW-12 (NIW-2)	02/27/01	3599.35	--	31.82	--	3567.53
MW-12 (NIW-2)	06/25/01	3599.35	--	32.23	--	3567.12
MW-12 (NIW-2)	09/25/01	3599.35	--	32.63	--	3566.72
MW-12 (NIW-2)	12/11/01	3599.35	--	32.94	--	3566.41
MW-12 (NIW-2)	05/20/02	3599.35	--	33.46	--	3565.89
MW-12 (NIW-2)	03/22/17	3599.35	--	33.46	--	3565.89
MW-12 (NIW-2)	09/19/17	3599.35	DRY	DRY	DRY	DRY
MW-12 (NIW-2)	03/06/18	PLUGGED AND ABANDONED				
MW-13	02/27/01	3601.67	--	36.44	--	3565.23
MW-13	06/25/01	3601.67	--	36.83	--	3564.84
MW-13	09/25/01	3601.67	--	37.23	--	3564.44
MW-13	12/11/01	3601.67	--	37.57	--	3564.10
MW-13	05/20/02	3601.67	--	38.04	--	3563.63

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-13	08/28/02	3601.67	--	38.30	--	3563.37
MW-13	08/29/02	3601.67	--	38.30	--	3563.37
MW-13	11/07/02	3601.67	--	38.49	--	3563.18
MW-13	11/22/02	3601.67	--	38.45	--	3563.22
MW-13	11/29/02	3601.67	--	38.44	--	3563.23
MW-13	12/17/02	3601.67	--	38.37	--	3563.30
MW-13	12/18/02	3601.67	--	38.40	--	3563.27
MW-13	01/14/03	3601.67	--	38.39	--	3563.28
MW-13	02/24/03	3601.67	--	38.54	--	3563.13
MW-13	02/25/03	3601.67	--	38.52	--	3563.15
MW-13	04/03/03	3601.67	--	38.55	--	3563.12
MW-13	03/14/03	3601.67	--	38.57	--	3563.10
MW-13	04/23/03	3601.67	--	38.65	--	3563.02
MW-13	07/14/03	3601.67	--	38.95	--	3562.72
MW-13	10/15/03	3601.67	--	39.35	--	3562.32
MW-13	01/19/04	3601.67	--	39.37	--	3562.30
MW-13	04/19/04	3601.67	--	39.75	--	3561.92
MW-13	07/03/04	3601.67	--	38.63	--	3563.04
MW-13	07/20/04	3601.67	--	39.51	--	3562.16
MW-13	10/25/04	3601.67	--	37.97	--	3563.70
MW-13	11/03/04	3601.67	--	38.63	--	3563.04
MW-13	01/24/05	3601.67	--	36.03	--	3565.64
MW-13	04/18/05	3601.67	--	36.17	--	3565.50
MW-13	07/18/05	3601.67	--	36.86	--	3564.81
MW-13	10/17/05	3601.67	--	36.92	--	3564.75
MW-13	11/03/05	3601.67	--	36.98	--	3564.69
MW-13	11/10/05	3601.67	--	36.98	--	3564.69
MW-13	11/16/05	3601.67	--	37.02	--	3564.65
MW-13	11/22/05	3601.67	37.01	37.00	0.01	3564.66
MW-13	11/29/05	3601.67	--	37.05	--	3564.62
MW-13	12/06/05	3601.67	--	37.05	--	3564.62
MW-13	12/12/05	3601.67	--	37.10	--	3564.57
MW-13	12/21/05	3601.67	--	37.16	--	3564.51
MW-13	01/04/06	3601.67	--	37.25	--	3564.42
MW-13	01/23/06	3601.67	--	37.31	--	3564.36
MW-13	04/24/06	3601.67	--	37.90	--	3563.77
MW-13	07/24/06	3601.67	--	38.42	--	3563.25
MW-13	10/23/06	3601.67	--	37.94	--	3563.73
MW-13	01/23/07	3601.67	--	38.23	--	3563.44
MW-13	04/23/07	3601.67	--	38.73	--	3562.94
MW-13	07/23/07	3601.67	--	38.91	--	3562.76
MW-13	10/22/07	3601.67	--	38.70	--	3562.97
MW-13	01/28/08	3601.67	--	39.03	--	3562.64
MW-13	04/21/08	3601.67	--	39.36	--	3562.31
MW-13	07/21/08	3601.67	--	39.79	--	3561.88
MW-13	10/20/08	3601.67	--	40.05	--	3561.62
MW-13	01/19/09	3601.67	--	40.18	--	3561.49
MW-13	04/20/09	3601.67	--	40.46	--	3561.21
MW-13	07/27/09	3601.67	--	40.80	--	3560.87
MW-13	10/26/09	3601.67	--	40.93	--	3560.74

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-13	01/25/10	3601.67	--	41.19	--	3560.48
MW-13	10/10/11	3601.67	DRY	DRY	DRY	DRY
MW-13	02/26/13	3601.67	DRY	DRY	DRY	DRY
MW-13	07/22/13	3601.67	DRY	DRY	DRY	DRY
MW-13	03/24/14	3601.67	DRY	DRY	DRY	DRY
MW-13	07/28/14	3601.67	DRY	DRY	DRY	DRY
MW-13	03/10/15	3601.67	DRY	DRY	DRY	DRY
MW-13	07/29/15	3601.67	DRY	DRY	DRY	DRY
MW-13	03/22/17	3601.67	DRY	DRY	DRY	DRY
MW-13	09/19/17	3601.67	DRY	DRY	DRY	DRY
MW-13	03/06/18	PLUGGED AND ABANDONED				
MW-14	09/19/17	3601.93	41.97	43.65	1.68	3559.62
MW-14	03/19/18	3601.93	41.91	44.50	2.59	3559.50
MW-14	06/04/18	3601.93	42.23	45.41	3.18	3559.06
MW-14	09/17/18	3601.93	42.66	45.50	2.84	3558.70
MW-14	03/20/19	3601.93	42.82	45.61	2.79	3558.55
MW-14	09/16/19	3601.93	43.37	46.06	2.69	3558.02
MW-15	09/19/17	3601.97	43.40	45.00	1.60	3558.25
MW-15	03/19/18	3601.97	43.01	48.56	5.55	3557.85
MW-15	06/04/18	3601.97	43.23	48.83	5.60	3557.62
MW-15	09/17/18	3601.97	43.66	49.21	5.55	3557.20
MW-15	03/20/19	3601.97	43.75	49.50	5.75	3557.07
MW-15	09/16/19	3601.97	44.22	50.05	5.83	3556.58
MW-16	09/19/17	3601.54	42.80	45.73	2.93	3558.16
MW-16	03/19/18	3601.54	42.60	47.85	5.25	3557.89
MW-16	06/04/18	3601.54	42.82	48.23	5.41	3557.64
MW-16	09/17/18	3601.54	43.20	48.72	5.52	3557.24
MW-16	03/20/19	3601.54	43.33	49.50	6.17	3556.98
MW-16	09/16/19	3601.54	43.80	49.67	5.87	3556.57
MW-17	09/19/17	3598.99	40.56	40.96	0.40	3558.35
MW-17	03/19/18	3598.99	40.20	44.14	3.94	3558.01
MW-17	06/04/18	3598.99	40.38	44.57	4.19	3557.77
MW-17	09/17/18	3598.99	40.74	45.26	4.52	3557.35
MW-17	03/20/19	3598.99	40.90	45.46	4.56	3557.18
MW-17	09/16/19	3598.99	41.37	45.98	4.61	3556.70
MW-18	09/19/17	3598.88	--	40.20	--	3558.68
MW-18	03/19/18	3598.88	--	40.35	--	3558.53
MW-18	06/04/18	3598.88	--	40.59	--	3558.29
MW-18	09/17/18	3598.88	--	40.95	--	3557.93
MW-18	03/20/19	3598.88	--	41.07	--	3557.81
MW-18	09/16/19	3598.88	--	41.66	--	3557.22
MW-19	09/19/17	3601.25	--	41.51	--	3559.74
MW-19	03/19/18	3601.25	41.53	43.12	1.59	3559.40
MW-19	06/04/18	3601.25	41.75	43.51	1.76	3559.15

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-19	09/17/18	3601.25	42.04	44.29	2.25	3558.76
MW-19	03/20/19	3601.25	42.18	44.61	2.43	3558.58
MW-19	09/16/19	3601.25	42.7	45.24	2.54	3558.04
MW-20	09/19/17	3600.85	--	49.50	--	3551.35
MW-20	03/19/18	3600.85	--	44.58	--	3556.27
MW-20	06/04/18	3600.85	--	44.81	--	3556.04
MW-20	09/17/18	3600.85	--	45.13	--	3555.72
MW-20	03/20/19	3600.85	--	44.33	--	3556.52
MW-20	09/16/19	3600.85	45.77	45.80	0.03	3555.07
MW-21	09/19/17	3600.33	--	37.87	--	3562.46
MW-21	03/19/18	3600.33	--	44.06	--	3556.27
MW-21	06/04/18	3600.33	--	44.26	--	3556.07
MW-21	09/17/18	3600.33	--	44.56	--	3555.77
MW-21	03/20/19	3600.33	--	44.76	--	3555.57
MW-21	09/16/19	3600.33	--	45.22	--	3555.11
MW-22	03/19/18	3601.49	--	40.88	--	3560.61
MW-22	06/04/18	3601.49	--	41.24	--	3560.25
MW-22	09/17/18	3601.49	--	41.57	--	3559.92
MW-22	03/20/19	3601.49	--	41.65	--	3559.84
MW-22	09/16/19	3601.49	--	42.33	--	3559.16
MW-23	03/19/18	3602.28	42.89	46.50	3.61	3558.67
MW-23	06/04/18	3602.28	42.85	48.30	5.45	3558.34
MW-23	09/17/18	3602.28	43.21	48.87	5.66	3557.94
MW-23	03/20/19	3602.28	43.36	48.94	5.58	3557.80
MW-23	09/16/19	3602.28	43.88	49.54	5.66	3557.27
MW-24	03/19/18	3599.36	40.11	44.17	4.06	3558.44
MW-24	06/04/18	3599.36	40.27	44.95	4.68	3558.15
MW-24	09/17/18	3599.36	40.62	45.71	5.09	3557.72
MW-24	03/20/19	3599.36	40.77	45.90	5.13	3557.56
MW-24	09/16/19	3599.36	41.28	46.35	5.07	3557.07
MW-25	03/19/18	3602.44	44.69	48.67	3.98	3556.95
MW-25	06/04/18	3602.44	44.64	44.95	0.31	3557.74
MW-25	09/17/18	3602.44	45.04	50.71	5.67	3556.27
MW-25	03/20/19	3602.44	45.17	50.96	5.79	3556.11
MW-25	09/16/19	3602.44	45.62	51.49	5.87	3555.65
MW-26	03/19/18	3601.17	42.98	48.24	5.26	3557.14
MW-26	06/04/18	3601.17	43.16	48.75	5.59	3556.89
MW-26	09/17/18	3601.17	43.51	49.16	5.65	3556.53
MW-26	03/20/19	3601.17	43.7	49.33	5.63	3556.34
MW-26	09/16/19	3601.17	44.16	49.75	5.59	3555.89
MW-27	03/19/18	3598.65	40.79	42.47	1.68	3557.52
MW-27	06/04/18	3598.65	40.86	43.42	2.56	3557.28

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MW-27	09/17/18	3598.65	41.07	44.68	3.61	3556.86
MW-27	03/20/19	3598.65	41.24	45.23	3.99	3556.61
MW-27	09/16/19	3598.65	41.65	45.86	4.21	3556.16
MW-28	03/19/18	3598.89	--	41.03	--	3557.86
MW-28	06/04/18	3598.89	--	41.25	--	3557.64
MW-28	09/17/18	3598.89	--	41.55	--	3557.34
MW-28	03/20/19	3598.89	--	41.75	--	3557.14
MW-28	09/16/19	3598.89	--	42.26	--	3556.63
MW-29	03/19/18	3602.19	--	46.87	--	3555.32
MW-29	06/04/18	3602.19	--	47.05	--	3555.14
MW-29	09/17/18	3602.19	--	47.35	--	3554.84
MW-29	03/20/19	3602.19	--	47.59	--	3554.60
MW-29	09/16/19	3602.19	--	48.02	--	3554.17
MW-30	03/19/18	3601.68	--	45.20	--	3556.48
MW-30	06/04/18	3601.68	--	46.40	--	3555.28
MW-30	09/17/18	3601.68	--	46.68	--	3555.00
MW-30	03/20/19	3601.68	--	46.90	--	3554.78
MW-30	09/16/19	3601.68	--	47.35	--	3554.33
MW-31	03/19/18	3600.67	--	45.06	--	3555.61
MW-31	06/04/18	3600.67	--	45.25	--	3555.42
MW-31	09/17/18	3600.67	--	45.55	--	3555.12
MW-31	03/20/19	3600.67	--	45.75	--	3554.92
MW-31	09/16/19	3600.67	--	46.20	--	3554.47
MW-32	03/19/18	3600.06	--	44.22	--	3555.84
MW-32	06/04/18	3600.06	--	44.39	--	3555.67
MW-32	09/17/18	3600.06	--	44.70	--	3555.36
MW-32	03/20/19	3600.06	--	44.90	--	3555.16
MW-32	09/16/19	3600.06	--	45.33	--	3554.73
MW-33	03/19/18	3599.74	--	43.76	--	3555.98
MW-33	06/04/18	3599.74	--	43.94	--	3555.80
MW-33	09/17/18	3599.74	--	44.23	--	3555.51
MW-33	03/20/19	3599.74	--	44.44	--	3555.30
MW-33	09/16/19	3599.74	--	44.87	--	3554.87
MW-34	09/16/19	3603.07	--	45.11	--	3557.96
MW-35	09/16/19	3603.07	--	46.29	--	3556.78
MW-36	09/16/19	3603.44	47.32	49.57	2.25	3555.67
MW-37	09/16/19	3603.62	--	48.66	--	3554.96
SV-1	02/27/01	3602.16	NM	NM	NM	NM
SV-1	06/25/01	3602.16	NM	NM	NM	NM
SV-1	09/25/01	3602.16	NM	NM	NM	NM

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
SV-1	12/11/01	3602.16	NM	NM	NM	NM
SV-1	10/25/04	3602.16	DRY	DRY	DRY	DRY
SV-1	01/24/05	3602.16	DRY	DRY	DRY	DRY
SV-1	04/18/05	3602.16	DRY	DRY	DRY	DRY
SV-1	07/18/05	3602.16	DRY	DRY	DRY	DRY
SV-1	10/17/05	3602.16	DRY	DRY	DRY	DRY
SV-1	01/23/06	3602.16	DRY	DRY	DRY	DRY
SV-1	05/29/12	3602.16	--	22.97	--	3579.19
SV-1	03/22/17	3602.16	--	23.01	--	3579.15
SV-1	09/19/17	3602.16	NM	NM	NM	NM
SV-1	03/06/18	PLUGGED AND ABANDONED				
SVE-2 (SV-2)	02/27/01	3601.17	32.06	37.03	4.97	3568.12
SVE-2 (SV-2)	06/25/01	3601.17	32.67	37.28	4.61	3567.58
SVE-2 (SV-2)	09/25/01	3601.17	33.46	37.75	4.29	3566.85
SVE-2 (SV-2)	12/11/01	3601.17	33.74	37.69	3.95	3566.64
SVE-2 (SV-2)	11/05/02	3601.17	35.58	39.06	3.48	3564.89
SVE-2 (SV-2)	04/21/03	3601.17	35.65	39.33	3.68	3564.78
SVE-2 (SV-2)	11/05/03	3601.17	35.02	--	--	--
SVE-2 (SV-2)	04/18/05	3601.17	33.45	34.29	0.84	3567.55
SVE-2 (SV-2)	07/18/05	3601.17	34.17	35.27	1.10	3566.78
SVE-2 (SV-2)	10/17/05	3601.17	34.14	34.86	0.72	3566.89
SVE-2 (SV-2)	01/23/06	3601.17	34.58	35.71	1.13	3566.36
SVE-2 (SV-2)	04/24/06	3601.17	35.17	39.90	4.73	3565.05
SVE-2 (SV-2)	03/22/17	3601.17	DRY	DRY	DRY	DRY
SVE-2 (SV-2)	09/19/17	3601.17	NM	NM	NM	NM
SVE-2 (SV-2)	03/06/18	PLUGGED AND ABANDONED				
MP-1	02/27/01	3601.87	NM	NM	NM	NM
MP-1	06/25/01	3601.87	NM	NM	NM	NM
MP-1	09/25/01	3601.87	NM	NM	NM	NM
MP-1	12/11/01	3601.87	NM	NM	NM	NM
MP-1	10/25/04	3601.87	DRY	DRY	DRY	DRY
MP-1	01/24/05	3601.87	DRY	DRY	DRY	DRY
MP-1	04/18/05	3601.87	DRY	DRY	DRY	DRY
MP-1	07/18/05	3601.87	DRY	DRY	DRY	DRY
MP-1	10/17/05	3601.87	DRY	DRY	DRY	DRY
MP-1	01/23/06	3601.87	DRY	DRY	DRY	DRY
MP-1	04/24/06	3601.87	--	22.93	--	3578.94
MP-1	05/29/12	3601.87	--	22.95	--	3578.92
MP-1	03/22/17	3601.87	--	22.97	--	3578.90
MP-1	09/19/17	3601.87	NM	NM	NM	NM
MP-1	03/06/18	PLUGGED AND ABANDONED				
MP-2	02/27/01	3601.87	NM	NM	NM	NM
MP-2	06/25/01	3601.87	33.15	37.66	4.51	3567.82
MP-2	09/25/01	3601.87	NM	NM	NM	NM
MP-2	12/11/01	3601.87	NM	NM	NM	NM
MP-2	03/22/17	3601.87	DRY	DRY	DRY	DRY
MP-2	09/19/17	3601.87	NM	NM	NM	NM

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
MP-2	03/06/18	PLUGGED AND ABANDONED				
IW-2	06/05/02	3597.87	--	32.94	--	3564.93
IW-2	06/07/02	3597.87	--	32.99	--	3564.88
IW-2	06/08/02	3597.87	--	32.96	--	3564.91
IW-2	08/28/02	3597.87	--	32.27	--	3565.60
IW-2	08/29/02	3597.87	--	32.23	--	3565.64
IW-2	10/25/02	3597.87	--	32.46	--	3565.41
IW-2	11/06/02	3597.87	--	32.45	--	3565.42
IW-2	01/14/03	3597.87	--	32.41	--	3565.46
IW-2	02/26/03	3597.87	--	32.48	--	3565.39
IW-2	04/23/03	3597.87	--	32.49	--	3565.38
IW-2	06/23/03	3597.87	--	32.88	--	3564.99
IW-2	07/14/03	3597.87	--	32.95	--	3564.92
IW-2	10/15/03	3597.87	--	33.31	--	3564.56
IW-2	01/19/04	3597.87	--	33.65	--	3564.22
IW-2	04/19/04	3597.87	--	33.79	--	3564.08
IW-2	07/20/04	3597.87	--	33.57	--	3564.30
IW-2	10/25/04	3597.87	--	31.92	--	3565.95
IW-2	01/24/05	3597.87	--	30.56	--	3567.31
IW-2	04/18/05	3597.87	--	30.44	--	3567.43
IW-2	07/18/05	3597.87	--	30.84	--	3567.03
IW-2	10/17/05	3597.87	--	30.96	--	3566.91
IW-2	10/19/05	3597.87	30.85	30.87	0.02	3567.02
IW-2	11/03/05	3597.87	--	30.91	--	3566.96
IW-2	11/10/05	3597.87	30.94	30.95	0.01	3566.93
IW-2	11/16/05	3597.87	--	30.98	--	3566.89
IW-2	11/22/05	3597.87	--	30.96	--	3566.91
IW-2	12/06/05	3597.87	--	30.98	--	3566.89
IW-2	12/12/05	3597.87	--	31.02	--	3566.85
IW-2	12/21/05	3597.87	--	31.05	--	3566.82
IW-2	01/04/06	3597.87	--	31.14	--	3566.73
IW-2	01/11/06	3597.87	--	31.16	--	3566.71
IW-2	01/23/06	3597.87	--	31.16	--	3566.71
IW-2	04/24/06	3597.87	--	31.69	--	3566.18
IW-2	07/24/06	3597.87	--	32.14	--	3565.73
IW-2	10/23/06	3597.87	34.95	34.96	0.01	3562.92
IW-2	01/23/07	3597.87	--	32.09	--	3565.78
IW-2	04/23/07	3597.87	--	32.50	--	3565.37
IW-2	07/23/07	3597.87	32.75	32.76	0.01	3565.12
IW-2	10/22/07	3597.87	--	32.75	--	3565.12
IW-2	01/28/08	3597.87	32.90	32.91	0.01	3564.97
IW-2	04/21/08	3597.87	--	33.17	--	3564.70
IW-2	07/21/08	3597.87	--	33.60	--	3564.27
IW-2	10/21/08	3597.87	--	33.92	--	3563.95
IW-2	01/19/09	3597.87	34.07	34.08	0.01	3563.80
IW-2	04/20/09	3597.87	--	34.35	--	3563.52
IW-2	07/27/09	3597.87	34.69	34.70	0.01	3563.18
IW-2	10/26/09	3597.87	--	34.89	--	3562.98
IW-2	01/25/10	3597.87	--	35.10	--	3562.77
IW-2	04/26/10	3597.87	--	35.35	--	3562.52

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-2	07/26/10	3597.87	--	34.91	--	3562.96
IW-2	10/25/10	3597.87	--	34.55	--	3563.32
IW-2	01/24/11	3597.87	--	35.30	--	3562.57
IW-2	10/10/11	3597.87	--	36.19	--	3561.68
IW-2	05/29/12	3597.87	--	37.00	--	3560.87
IW-2	02/26/13	3597.87	--	37.84	--	3560.03
IW-2	07/22/13	3597.87	--	38.25	--	3559.62
IW-2	03/24/14	3597.87	--	38.82	--	3559.05
IW-2	07/28/14	3597.87	--	39.22	--	3558.65
IW-2	03/10/15	3597.87	--	39.52	--	3558.35
IW-2	07/29/15	3597.87	--	39.41	--	3558.46
IW-2	03/23/16	3597.87	--	39.38	--	3558.49
IW-2	09/19/16	3597.87	--	40.19	--	3557.68
IW-2	03/22/17	3597.87	--	39.64	--	3558.23
IW-2	09/19/17	3597.87	--	39.94	--	3557.93
IW-2	03/06/18	PLUGGED AND ABANDONED				
IW-3	06/05/02	3597.30	--	32.85	--	3564.45
IW-3	06/07/02	3597.30	--	32.89	--	3564.41
IW-3	06/08/02	3597.30	--	32.88	--	3564.42
IW-3	08/28/02	3597.30	--	33.02	--	3564.28
IW-3	08/29/02	3597.30	--	33.01	--	3564.29
IW-3	10/25/02	3597.30	--	33.20	--	3564.10
IW-3	11/06/02	3597.30	--	33.23	--	3564.07
IW-3	01/14/03	3597.30	--	33.20	--	3564.10
IW-3	02/26/03	3597.30	--	33.28	--	3564.02
IW-3	04/23/03	3597.30	--	33.28	--	3564.02
IW-3	06/23/03	3597.30	--	33.78	--	3563.52
IW-3	07/14/03	3597.30	--	33.85	--	3563.45
IW-3	10/15/03	3597.30	--	34.05	--	3563.25
IW-3	01/19/04	3597.30	--	34.34	--	3562.96
IW-3	04/19/04	3597.30	--	34.18	--	3563.12
IW-3	07/20/04	3597.30	--	33.99	--	3563.31
IW-3	10/25/04	3597.30	--	31.94	--	3565.36
IW-3	01/24/05	3597.30	--	31.41	--	3565.89
IW-3	04/18/05	3597.30	--	31.37	--	3565.93
IW-3	07/18/05	3597.30	--	31.81	--	3565.49
IW-3	10/17/05	3597.30	--	31.92	--	3565.38
IW-3	10/19/05	3597.30	33.90	33.91	0.01	3563.40
IW-3	11/03/05	3597.30	32.00	32.01	0.01	3565.30
IW-3	11/10/05	3597.30	31.99	32.00	0.01	3565.31
IW-3	11/16/05	3597.30	33.03	33.04	0.01	3564.27
IW-3	11/22/05	3597.30	--	32.03	--	3565.27
IW-3	12/06/05	3597.30	--	32.06	--	3565.24
IW-3	12/12/05	3597.30	--	32.08	--	3565.22
IW-3	12/21/05	3597.30	--	32.12	--	3565.18
IW-3	01/04/06	3597.30	--	32.20	--	3565.10
IW-3	01/11/06	3597.30	--	32.22	--	3565.08
IW-3	01/23/06	3597.30	--	32.46	--	3564.84
IW-3	04/24/06	3597.30	32.69	32.71	0.02	3564.61

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-3	07/24/06	3597.30	33.02	33.04	0.02	3564.28
IW-3	10/23/06	3597.30	33.88	33.89	0.01	3563.42
IW-3	01/23/07	3597.30	--	33.11	--	3564.19
IW-3	04/23/07	3597.30	--	33.50	--	3563.80
IW-3	07/23/07	3597.30	--	33.78	--	3563.52
IW-3	10/22/07	3597.30	--	33.80	--	3563.50
IW-3	01/28/08	3597.30	33.89	33.90	0.01	3563.41
IW-3	04/21/08	3597.30	--	34.18	--	3563.12
IW-3	07/21/08	3597.30	--	34.54	--	3562.76
IW-3	10/20/08	3597.30	--	34.82	--	3562.48
IW-3	01/19/09	3597.30	--	35.00	--	3562.30
IW-3	04/20/09	3597.30	35.24	35.25	0.01	3562.06
IW-3	07/27/09	3597.30	--	35.57	--	3561.73
IW-3	10/26/09	3597.30	--	35.76	--	3561.54
IW-3	01/25/10	3597.30	--	36.00	--	3561.30
IW-3	04/26/10	3597.30	--	36.24	--	3561.06
IW-3	07/26/10	3597.30	--	35.56	--	3561.74
IW-3	10/25/10	3597.30	--	35.40	--	3561.90
IW-3	01/24/11	3597.30	--	36.14	--	3561.16
IW-3	10/10/11	3597.30	--	37.03	--	3560.27
IW-3	05/29/12	3597.30	--	37.84	--	3559.46
IW-3	02/26/13	3597.30	--	38.60	--	3558.70
IW-3	07/22/13	3597.30	--	39.55	--	3557.75
IW-3	03/24/14	3597.30	--	39.55	--	3557.75
IW-3	07/28/14	3597.30	--	39.92	--	3557.38
IW-3	03/10/15	3597.30	--	40.65	--	3556.65
IW-3	07/29/15	3597.30	--	40.29	--	3557.01
IW-3	03/23/16	3597.30	--	40.75	--	3556.55
IW-3	09/19/16	3597.30	--	41.21	--	3556.09
IW-3	03/22/17	3597.30	--	40.54	--	3556.76
IW-3	09/19/17	3597.30	--	40.83	--	3556.47
IW-3	03/06/18	PLUGGED AND ABANDONED				
IW-4	06/05/02	3596.13	--	32.12	--	3564.01
IW-4	06/07/02	3596.13	--	32.14	--	3563.99
IW-4	06/08/02	3596.13	--	32.17	--	3563.96
IW-4	08/28/02	3596.13	--	32.45	--	3563.68
IW-4	08/29/02	3596.13	--	32.41	--	3563.72
IW-4	10/25/02	3596.13	--	32.62	--	3563.51
IW-4	11/06/02	3596.13	--	32.68	--	3563.45
IW-4	01/14/03	3596.13	--	32.63	--	3563.50
IW-4	02/26/03	3596.13	--	32.71	--	3563.42
IW-4	04/23/03	3596.13	--	32.74	--	3563.39
IW-4	06/23/03	3596.13	--	33.03	--	3563.10
IW-4	07/14/03	3596.13	--	32.45	--	3563.68
IW-4	10/15/03	3596.13	--	33.49	--	3562.64
IW-4	01/19/04	3596.13	--	33.79	--	3562.34
IW-4	04/19/04	3596.13	--	33.85	--	3562.28
IW-4	07/20/04	3596.13	--	33.60	--	3562.53
IW-4	10/25/04	3596.13	--	32.10	--	3564.03

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-4	01/24/05	3596.13	--	30.59	--	3565.54
IW-4	04/18/05	3596.13	--	30.60	--	3565.53
IW-4	07/18/05	3596.13	--	31.13	--	3565.00
IW-4	10/17/05	3596.13	--	31.28	--	3564.85
IW-4	10/19/05	3596.13	31.23	31.25	0.02	3564.90
IW-4	11/03/05	3596.13	--	31.22	--	3564.91
IW-4	11/10/05	3596.13	--	31.33	--	3564.80
IW-4	11/16/05	3596.13	--	31.36	--	3564.77
IW-4	11/22/05	3596.13	31.24	31.25	0.01	3564.89
IW-4	12/06/05	3596.13	--	31.39	--	3564.74
IW-4	12/12/05	3596.13	31.42	31.43	0.01	3564.71
IW-4	12/21/05	3596.13	--	31.47	--	3564.66
IW-4	01/04/06	3596.13	--	31.45	--	3564.68
IW-4	01/11/06	3596.13	31.57	31.58	0.01	3564.56
IW-4	01/23/06	3596.13	--	31.63	--	3564.50
IW-4	04/24/06	3596.13	32.10	32.11	0.01	3564.03
IW-4	07/24/06	3596.13	32.58	32.59	0.01	3563.55
IW-4	10/23/06	3596.13	32.25	32.27	0.02	3563.88
IW-4	01/23/07	3596.13	--	32.50	--	3563.63
IW-4	04/23/07	3596.13	32.93	32.96	0.03	3563.19
IW-4	07/23/07	3596.13	33.15	33.21	0.06	3562.97
IW-4	10/22/07	3596.13	33.05	33.07	0.02	3563.08
IW-4	01/28/08	3596.13	33.27	33.28	0.01	3562.86
IW-4	04/21/08	3596.13	--	33.59	--	3562.54
IW-4	07/21/08	3596.13	--	33.98	--	3562.15
IW-4	10/20/08	3596.13	--	34.28	--	3561.85
IW-4	01/19/09	3596.13	34.39	34.40	0.01	3561.74
IW-4	04/20/09	3596.13	--	34.67	--	3561.46
IW-4	07/27/09	3596.13	--	35.00	--	3561.13
IW-4	10/26/09	3596.13	--	35.15	--	3560.98
IW-4	01/25/10	3596.13	--	35.37	--	3560.76
IW-4	04/26/10	3596.13	--	35.61	--	3560.52
IW-4	07/26/10	3596.13	--	35.11	--	3561.02
IW-4	10/25/10	3596.13	--	34.75	--	3561.38
IW-4	01/24/11	3596.13	--	35.54	--	3560.59
IW-4	10/10/11	3596.13	--	36.39	--	3559.74
IW-4	05/29/12	3596.13	--	37.22	--	3558.91
IW-4	02/26/13	3596.13	DRY	DRY	DRY	DRY
IW-4	07/22/13	3596.13	DRY	DRY	DRY	DRY
IW-4	03/24/14	3596.13	DRY	DRY	DRY	DRY
IW-4	07/28/14	3596.13	DRY	DRY	DRY	DRY
IW-4	03/10/15	3596.13	NM	NM	NM	NM
IW-4	07/29/15	3596.13	DRY	DRY	DRY	DRY
IW-4	03/23/16	3596.13	DRY	DRY	DRY	DRY
IW-4	09/19/16	3596.13	DRY	DRY	DRY	DRY
IW-4	03/22/17	3596.13	DRY	DRY	DRY	DRY
IW-4	09/19/17	3596.13	DRY	DRY	DRY	DRY
IW-4	03/06/18	PLUGGED AND ABANDONED				
IW-5	06/05/02	3599.89	--	36.85	--	3563.04

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-5	06/07/02	3599.89	--	36.83	--	3563.06
IW-5	06/08/02	3599.89	--	36.83	--	3563.06
IW-5	08/28/02	3599.89	--	37.01	--	3562.88
IW-5	08/29/02	3599.89	--	37.06	--	3562.83
IW-5	10/25/02	3599.89	--	37.22	--	3562.67
IW-5	11/06/02	3599.89	--	37.19	--	3562.70
IW-5	01/14/03	3599.89	--	37.15	--	3562.74
IW-5	02/26/03	3599.89	--	37.25	--	3562.64
IW-5	04/23/03	3599.89	--	37.26	--	3562.63
IW-5	06/23/03	3599.89	--	37.60	--	3562.29
IW-5	07/14/03	3599.89	--	37.61	--	3562.28
IW-5	10/15/03	3599.89	--	36.94	--	3562.95
IW-5	01/19/04	3599.89	--	38.29	--	3561.60
IW-5	04/19/04	3599.89	--	38.46	--	3561.43
IW-5	07/20/04	3599.89	--	38.24	--	3561.65
IW-5	10/25/04	3599.89	--	36.86	--	3563.03
IW-5	01/24/05	3599.89	--	34.91	--	3564.98
IW-5	04/18/05	3599.89	--	34.98	--	3564.91
IW-5	07/18/05	3599.89	--	35.66	--	3564.23
IW-5	10/17/05	3599.89	--	35.78	--	3564.11
IW-5	10/19/05	3599.89	34.73	34.75	0.02	3565.16
IW-5	11/03/05	3599.89	--	37.78	--	3562.11
IW-5	11/10/05	3599.89	--	35.79	--	3564.10
IW-5	11/16/05	3599.89	--	35.82	--	3564.07
IW-5	11/22/05	3599.89	35.80	35.81	0.01	3564.09
IW-5	12/06/05	3599.89	--	35.86	--	3564.03
IW-5	12/12/05	3599.89	--	35.91	--	3563.98
IW-5	12/21/05	3599.89	--	35.95	--	3563.94
IW-5	01/04/06	3599.89	--	36.04	--	3563.85
IW-5	01/11/06	3599.89	--	36.09	--	3563.80
IW-5	01/23/06	3599.89	34.10	34.13	0.03	3565.78
IW-5	04/24/06	3599.89	--	36.68	--	3563.21
IW-5	07/24/06	3599.89	37.20	37.21	0.01	3562.69
IW-5	10/23/06	3599.89	36.75	36.76	0.01	3563.14
IW-5	01/23/07	3599.89	--	37.02	--	3562.87
IW-5	04/23/07	3599.89	37.51	37.51	0.00	3562.38
IW-5	07/23/07	3599.89	37.70	37.70	0.00	3562.19
IW-5	10/22/07	3599.89	37.50	37.50	0.00	3562.39
IW-5	01/28/08	3599.89	37.80	37.81	0.01	3562.09
IW-5	04/21/08	3599.89	--	38.14	--	3561.75
IW-5	07/21/08	3599.89	--	38.55	--	3561.34
IW-5	10/20/08	3599.89	--	38.82	--	3561.07
IW-5	01/19/09	3599.89	38.92	38.93	0.01	3560.97
IW-5	04/20/09	3599.89	39.19	39.20	0.01	3560.70
IW-5	07/27/09	3599.89	--	39.55	--	3560.34
IW-5	10/26/09	3599.89	--	39.68	--	3560.21
IW-5	01/25/10	3599.89	--	39.91	--	3559.98
IW-5	04/26/10	3599.89	--	40.19	--	3559.70
IW-5	07/26/10	3599.89	--	39.59	--	3560.30
IW-5	10/25/10	3599.89	--	39.25	--	3560.64

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-5	01/24/11	3599.89	--	39.97	--	3559.92
IW-5	10/10/11	3599.89	--	40.94	--	3558.95
IW-5	05/29/12	3599.89	--	41.75	--	3558.14
IW-5	03/24/14	3599.89	NM	NM	NM	NM
IW-5	07/28/14	3599.89	DRY	DRY	DRY	DRY
IW-5	03/10/15	3599.89	NM	NM	NM	NM
IW-5	07/29/15	3599.89	DRY	DRY	DRY	DRY
IW-5	03/23/16	3599.89	DRY	DRY	DRY	DRY
IW-5	09/19/16	3599.89	DRY	DRY	DRY	DRY
IW-5	03/22/17	3599.89	DRY	DRY	DRY	DRY
IW-5	09/19/17	3599.89	DRY	DRY	DRY	DRY
IW-5	03/06/18	PLUGGED AND ABANDONED				
IW-6	06/05/02	3599.71	--	36.45	--	3563.26
IW-6	06/07/02	3599.71	--	36.48	--	3563.23
IW-6	06/08/02	3599.71	--	36.48	--	3563.23
IW-6	08/28/02	3599.71	--	36.54	--	3563.17
IW-6	08/29/02	3599.71	--	36.52	--	3563.19
IW-6	10/25/02	3599.71	--	36.75	--	3562.96
IW-6	11/06/02	3599.71	--	36.68	--	3563.03
IW-6	01/14/03	3599.71	--	36.56	--	3563.15
IW-6	02/26/03	3599.71	--	36.50	--	3563.21
IW-6	04/23/03	3599.71	--	36.52	--	3563.19
IW-6	06/23/03	3599.71	--	37.15	--	3562.56
IW-6	07/14/03	3599.71	--	37.21	--	3562.50
IW-6	10/15/03	3599.71	--	36.74	--	3562.97
IW-6	01/19/04	3599.71	--	37.90	--	3561.81
IW-6	04/19/04	3599.71	--	37.93	--	3561.78
IW-6	07/20/04	3599.71	--	37.67	--	3562.04
IW-6	10/25/04	3599.71	--	35.57	--	3564.14
IW-6	01/24/05	3599.71	--	33.54	--	3566.17
IW-6	04/18/05	3599.71	--	33.93	--	3565.78
IW-6	07/18/05	3599.71	--	34.88	--	3564.83
IW-6	10/17/05	3599.71	--	34.86	--	3564.85
IW-6	10/19/05	3599.71	34.85	34.86	0.01	3564.86
IW-6	11/03/05	3599.71	--	34.84	--	3564.87
IW-6	11/10/05	3599.71	--	34.86	--	3564.85
IW-6	11/16/05	3599.71	--	34.91	--	3564.80
IW-6	11/22/05	3599.71	--	34.89	--	3564.82
IW-6	12/06/05	3599.71	--	34.99	--	3564.72
IW-6	12/12/05	3599.71	--	35.06	--	3564.65
IW-6	12/21/05	3599.71	--	35.15	--	3564.56
IW-6	01/04/06	3599.71	--	35.27	--	3564.44
IW-6	01/11/06	3599.71	--	35.31	--	3564.40
IW-6	01/23/06	3599.71	--	35.36	--	3564.35
IW-6	04/24/06	3599.71	36.03	36.04	0.01	3563.68
IW-6	07/24/06	3599.71	--	36.62	--	3563.09
IW-6	10/23/06	3599.71	35.85	35.86	0.01	3563.86
IW-6	01/23/07	3599.71	36.25	36.26	0.01	3563.46
IW-6	04/23/07	3599.71	36.84	36.83	0.01	3562.87

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-6	07/23/07	3599.71	36.97	36.96	0.01	3562.74
IW-6	10/22/07	3599.71	--	36.52	--	3563.19
IW-6	01/28/08	3599.71	37.05	37.07	0.02	3562.66
IW-6	04/21/08	3599.71	DRY	DRY	DRY	DRY
IW-6	07/21/08	3599.71	DRY	DRY	DRY	DRY
IW-6	10/20/08	3599.71	DRY	DRY	DRY	DRY
IW-6	01/19/09	3599.71	DRY	DRY	DRY	DRY
IW-6	04/20/09	3599.71	DRY	DRY	DRY	DRY
IW-6	07/27/09	3599.71	DRY	DRY	DRY	DRY
IW-6	10/26/09	3599.71	DRY	DRY	DRY	DRY
IW-6	01/25/10	3599.71	DRY	DRY	DRY	DRY
IW-6	07/26/10	3599.71	DRY	DRY	DRY	DRY
IW-6	10/25/10	3599.71	DRY	DRY	DRY	DRY
IW-6	01/24/11	3599.71	DRY	DRY	DRY	DRY
IW-6	10/10/11	3599.71	DRY	DRY	DRY	DRY
IW-6	05/29/12	3599.71	DRY	DRY	DRY	DRY
IW-6	02/26/13	3599.71	DRY	DRY	DRY	DRY
IW-6	07/22/13	3599.71	DRY	DRY	DRY	DRY
IW-6	03/24/14	3599.71	DRY	DRY	DRY	DRY
IW-6	07/28/14	3599.71	DRY	DRY	DRY	DRY
IW-6	03/10/15	3599.71	NM	NM	NM	NM
IW-6	07/29/15	3599.71	NM	NM	NM	NM
IW-6	03/23/16	3599.71	NM	NM	NM	NM
IW-6	09/19/16	3599.71	NM	NM	NM	NM
IW-6	03/22/17	3599.71	DRY	DRY	DRY	DRY
IW-6	09/19/17	3599.71	DRY	DRY	DRY	DRY
IW-6	03/06/18	PLUGGED AND ABANDONED				
IW-7	06/05/02	3600.64	--	35.70	--	3564.94
IW-7	06/07/02	3600.64	--	35.77	--	3564.87
IW-7	06/08/02	3600.64	--	35.81	--	3564.83
IW-7	08/28/02	3600.64	--	36.03	--	3564.61
IW-7	08/29/02	3600.64	--	36.07	--	3564.57
IW-7	10/25/02	3600.64	--	36.25	--	3564.39
IW-7	11/06/02	3600.64	--	35.94	--	3564.70
IW-7	01/14/03	3600.64	--	35.95	--	3564.69
IW-7	02/26/03	3600.64	--	35.42	--	3565.22
IW-7	04/23/03	3600.64	--	35.90	--	3564.74
IW-7	06/23/03	3600.64	--	36.66	--	3563.98
IW-7	07/14/03	3600.64	--	36.75	--	3563.89
IW-7	10/15/03	3600.64	--	36.86	--	3563.78
IW-7	01/19/04	3600.64	--	37.50	--	3563.14
IW-7	04/19/04	3600.64	--	37.36	--	3563.28
IW-7	07/20/04	3600.64	--	37.06	--	3563.58
IW-7	10/25/04	3600.64	--	34.00	--	3566.64
IW-7	01/24/05	3600.64	--	32.36	--	3568.28
IW-7	04/18/05	3600.64	--	33.07	--	3567.57
IW-7	07/18/05	3600.64	--	34.15	--	3566.49
IW-7	10/17/05	3600.64	--	33.99	--	3566.65
IW-7	10/19/05	3600.64	33.95	33.96	0.01	3566.69

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
IW-7	11/03/05	3600.64	--	33.95	--	3566.69
IW-7	11/10/05	3600.64	33.97	33.98	0.01	3566.67
IW-7	11/16/05	3600.64	--	34.05	--	3566.59
IW-7	11/22/05	3600.64	--	34.03	--	3566.61
IW-7	11/29/05	3600.64	--	34.15	--	3566.49
IW-7	12/06/05	3600.64	--	35.05	--	3565.59
IW-7	12/12/05	3600.64	34.26	34.29	0.03	3566.37
IW-7	12/21/05	3600.64	34.37	34.40	0.03	3566.26
IW-7	01/04/06	3600.64	34.52	34.56	0.04	3566.11
IW-7	01/11/06	3600.64	34.56	34.59	0.03	3566.07
IW-7	01/23/06	3600.64	34.66	34.72	0.06	3565.97
IW-7	04/24/06	3600.64	35.37	35.42	0.05	3565.26
IW-7	07/24/06	3600.64	35.97	36.00	0.03	3564.66
IW-7	10/23/06	3600.64	--	34.97	--	3565.67
IW-7	01/23/07	3600.64	35.47	35.49	0.02	3565.17
IW-7	04/23/07	3600.64	36.14	36.13	0.01	3564.50
IW-7	07/23/07	3600.64	36.18	36.17	0.01	3564.46
IW-7	10/22/07	3600.64	--	35.60	--	3565.04
IW-7	01/28/08	3600.64	36.30	36.33	0.03	3564.33
IW-7	04/21/08	3600.64	--	36.83	--	3563.81
IW-7	07/21/08	3600.64	--	37.35	--	3563.29
IW-7	10/20/08	3600.64	--	37.47	--	3563.17
IW-7	01/19/09	3600.64	37.61	37.62	0.01	3563.03
IW-7	04/20/09	3600.64	37.97	37.98	0.01	3562.67
IW-7	07/27/09	3600.64	--	38.35	--	3562.29
IW-7	10/26/09	3600.64	--	38.37	--	3562.27
IW-7	01/25/10	3600.64	--	38.66	--	3561.98
IW-7	04/26/10	3600.64	--	38.89	--	3561.75
IW-7	07/26/10	3600.64	--	38.07	--	3562.57
IW-7	10/25/10	3600.64	--	37.65	--	3562.99
IW-7	01/24/11	3600.64	--	38.58	--	3562.06
IW-7	10/10/11	3600.64	--	39.81	--	3560.83
IW-7	05/29/12	3600.64	--	40.31	--	3560.33
IW-7	02/26/13	3600.64	DRY	DRY	DRY	DRY
IW-7	07/22/13	3600.64	DRY	DRY	DRY	DRY
IW-7	03/24/14	3600.64	DRY	DRY	DRY	DRY
IW-7	07/28/14	3600.64	DRY	DRY	DRY	DRY
IW-7	03/10/15	3601.64	DRY	DRY	DRY	DRY
IW-7	07/29/15	3600.64	DRY	DRY	DRY	DRY
IW-7	03/23/16	3601.64	DRY	DRY	DRY	DRY
IW-7	09/19/16	3600.64	DRY	DRY	DRY	DRY
IW-7	03/22/17	3601.64	DRY	DRY	DRY	DRY
IW-7	09/19/17	3601.64	DRY	DRY	DRY	DRY
IW-7	03/06/18	PLUGGED AND ABANDONED				
SVE-1	08/28/02	3598.68	--	32.63	--	3566.05
SVE-1	08/29/02	3598.68	--	32.60	--	3566.08
SVE-1	10/25/02	3598.68	--	32.60	--	3566.08
SVE-1	11/06/02	3598.68	--	32.80	--	3565.88
SVE-1	11/22/02	3598.68	--	32.75	--	3565.93

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
SVE-1	11/29/02	3598.68	--	32.73	--	3565.95
SVE-1	12/18/02	3598.68	--	32.82	--	3565.86
SVE-1	01/14/03	3598.68	--	32.61	--	3566.07
SVE-1	02/24/03	3598.68	--	32.78	--	3565.90
SVE-1	02/25/03	3598.68	--	32.79	--	3565.89
SVE-1	02/26/03	3598.68	--	32.80	--	3565.88
SVE-1	02/27/03	3598.68	--	32.80	--	3565.88
SVE-1	02/28/03	3598.68	--	32.80	--	3565.88
SVE-1	03/14/03	3598.68	--	32.79	--	3565.89
SVE-1	04/03/03	3598.68	--	32.78	--	3565.90
SVE-1	04/07/03	3598.68	--	32.90	--	3565.78
SVE-1	04/11/03	3598.68	--	32.89	--	3565.79
SVE-1	04/23/03	3598.68	--	32.91	--	3565.77
SVE-1	06/23/03	3598.68	--	33.21	--	3565.47
SVE-1	07/14/03	3598.68	--	33.31	--	3565.37
SVE-1	10/15/03	3598.68	--	33.56	--	3565.12
SVE-1	01/19/04	3598.68	--	34.04	--	3564.64
SVE-1	04/19/04	3598.68	--	34.00	--	3564.68
SVE-1	07/20/04	3598.68	--	33.75	--	3564.93
SVE-1	10/25/04	3598.68	--	31.74	--	3566.94
SVE-1	01/24/05	3598.68	--	30.01	--	3568.67
SVE-1	04/18/05	3598.68	--	30.24	--	3568.44
SVE-1	07/18/05	3598.68	--	30.86	--	3567.82
SVE-1	10/17/05	3598.68	--	30.88	--	3567.80
SVE-1	11/03/05	3598.68	30.90	30.91	0.01	3567.78
SVE-1	11/10/05	3598.68	--	30.92	--	3567.76
SVE-1	11/16/05	3598.68	--	29.70	--	3568.98
SVE-1	11/22/05	3598.68	--	30.94	--	3567.74
SVE-1	12/06/05	3598.68	--	31.00	--	3567.68
SVE-1	12/12/05	3598.68	--	31.06	--	3567.62
SVE-1	12/21/05	3598.68	--	31.12	--	3567.56
SVE-1	01/04/06	3598.68	--	31.22	--	3567.46
SVE-1	01/23/06	3598.68	--	31.17	--	3567.51
SVE-1	04/24/06	3598.68	--	31.88	--	3566.80
SVE-1	07/24/06	3598.68	--	32.44	--	3566.24
SVE-1	10/23/06	3598.68	--	31.95	--	3566.73
SVE-1	01/23/07	3598.68	--	32.17	--	3566.51
SVE-1	04/23/07	3598.68	--	32.70	--	3565.98
SVE-1	07/23/07	3598.68	--	32.86	--	3565.82
SVE-1	10/22/07	3598.68	32.66	32.67	0.01	3566.02
SVE-1	01/28/08	3598.68	32.95	32.96	0.01	3565.73
SVE-1	04/21/08	3598.68	--	33.38	--	3565.30
SVE-1	07/21/08	3598.68	--	33.87	--	3564.81
SVE-1	10/21/08	3598.68	--	34.14	--	3564.54
SVE-1	01/19/09	3598.68	--	34.25	--	3564.43
SVE-1	04/20/09	3598.68	--	34.59	--	3564.09
SVE-1	07/27/09	3598.68	--	34.98	--	3563.70
SVE-1	10/26/09	3598.68	--	35.03	--	3563.65
SVE-1	01/25/10	3598.68	--	35.30	--	3563.38
SVE-1	04/26/10	3598.68	--	35.54	--	3563.14

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
SVE-1	07/26/10	3598.68	--	34.70	--	3563.98
SVE-1	10/25/10	3598.68	--	34.47	--	3564.21
SVE-1	01/24/11	3598.68	--	35.34	--	3563.34
SVE-1	05/29/12	3598.68	DRY	DRY	DRY	DRY
SVE-1	02/26/13	3598.68	DRY	DRY	DRY	DRY
SVE-1	07/22/13	3598.68	DRY	DRY	DRY	DRY
SVE-1	03/24/14	3598.68	DRY	DRY	DRY	DRY
SVE-1	07/28/14	3598.68	DRY	DRY	DRY	DRY
SVE-1	03/10/15	3599.68	DRY	DRY	DRY	DRY
SVE-1	07/29/15	3598.68	DRY	DRY	DRY	DRY
SVE-1	03/23/16	3599.68	DRY	DRY	DRY	DRY
SVE-1	09/19/16	3598.68	DRY	DRY	DRY	DRY
SVE-1	03/22/17	3599.68	DRY	DRY	DRY	DRY
SVE-1	09/19/17	3599.68	DRY	DRY	DRY	DRY
SVE-1	03/06/18	PLUGGED AND ABANDONED				
SVE-5	10/25/02	3600.54	35.92	38.82	2.90	3564.04
SVE-5	11/07/02	3600.54	35.57	40.80	5.23	3563.92
SVE-5	11/22/02	3600.54	DRY	DRY	DRY	DRY
SVE-5	02/26/03	3600.54	30.54	36.30	5.76	3568.85
SVE-5	11/05/03	3600.54	36.54	40.58	4.04	3563.19
SVE-5	01/19/04	3600.54	36.81	39.84	3.03	3563.12
SVE-5	04/19/04	3600.54	36.87	40.56	3.69	3562.93
SVE-5	07/20/04	3600.54	36.66	40.32	3.66	3563.15
SVE-5	10/25/04	3600.54	35.20	35.23	0.03	3565.33
SVE-5	01/24/05	3600.54	33.38	33.50	0.12	3567.14
SVE-5	04/18/05	3600.54	33.67	33.84	0.17	3566.84
SVE-5	07/18/05	3600.54	34.18	35.71	1.53	3566.05
SVE-5	09/29/05	3600.54	--	34.41	--	3566.13
SVE-5	10/17/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/03/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/10/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/16/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/22/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	11/29/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	12/06/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	12/12/05	3600.54	DRY	DRY	DRY	DRY
SVE-5	01/23/06	3600.54	DRY	DRY	DRY	DRY
SVE-5	04/24/06	3600.54	26.41	26.42	0.01	3574.13
SVE-5	05/29/12	3600.54	DRY	DRY	DRY	DRY
SVE-5	04/22/15	3600.54	DRY	DRY	DRY	DRY
SVE-5	03/22/17	3600.54	DRY	DRY	DRY	DRY
SVE-5	09/19/17	3600.54	NM	NM	NM	NM
SVE-5	03/06/18	PLUGGED AND ABANDONED				
EW-1	06/07/02	3598.57	30.73	34.33	3.60	3567.12
EW-1	11/22/02	3598.57	30.65	37.82	7.17	3566.49
EW-1	05/29/12	3598.57	36.14	41.53	5.39	3561.35
EW-1	02/26/13	3598.57	36.83	42.40	5.57	3560.63
EW-1	03/07/13	3598.57	37.19	40.01	2.82	3560.82

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
EW-1	03/14/13	3598.57	37.11	37.12	0.01	3561.46
EW-1	04/10/13	3598.57	37.18	40.90	3.72	3560.65
EW-1	05/09/13	3598.57	37.33	40.92	3.59	3560.52
EW-1	06/07/13	3598.57	37.42	41.21	3.79	3560.39
EW-1	07/02/13	3598.57	37.41	41.07	3.66	3560.43
EW-1	07/22/13	3598.57	37.88	39.36	1.48	3560.39
EW-1	08/22/13	3598.57	38.10	38.58	0.48	3560.37
EW-1	09/19/13	3598.57	38.15	38.53	0.38	3560.34
EW-1	10/03/13	3598.57	38.15	38.75	0.60	3560.30
EW-1	11/27/13	3597.57	38.12	39.40	1.28	3559.19
EW-1	01/21/14	3598.57	38.24	39.60	1.36	3560.06
EW-1	02/13/14	3598.57	38.5	38.57	0.07	3560.06
EW-1	03/10/14	3598.57	38.3	40.14	1.84	3559.90
EW-1	03/24/14	3598.57	38.37	40.21	1.84	3559.83
EW-1	04/28/14	3598.57	38.44	39.98	1.54	3559.82
EW-1	06/09/14	3598.57	38.89	39.90	1.01	3559.48
EW-1	07/28/14	3598.57	38.83	40.28	1.45	3559.45
EW-1	08/19/14	3598.57	39.09	39.29	0.20	3559.44
EW-1	10/01/14	3598.57	38.58	43.21	4.63	3559.06
EW-1	11/24/14	3598.57	38.26	43.31	5.05	3559.30
EW-1	01/08/15	3598.57	38.14	42.90	4.76	3559.48
EW-1	03/10/15	3598.57	38.22	43.15	4.93	3559.36
EW-1	04/21/15	3598.57	38.32	43.56	5.24	3559.20
EW-1	04/22/15	3598.57	38.99	39.54	0.55	3559.47
EW-1	04/24/15	3598.57	39.11	39.41	0.30	3559.40
EW-1	05/13/15	3598.57	39.14	39.41	0.27	3559.38
EW-1	06/08/15	3598.57	38.86	40.89	2.03	3559.30
EW-1	06/24/15	3598.57	38.54	42.37	3.83	3559.26
EW-1	07/07/15	3598.57	39.09	39.64	0.55	3559.37
EW-1	07/08/15	3598.57	39.06	39.24	0.18	3559.47
EW-1	07/29/15	3598.57	38.42	42.63	4.21	3559.31
EW-1	08/18/15	3598.57	38.32	43.03	4.71	3559.31
EW-1	09/29/15	3598.57	38.27	42.95	4.68	3559.36
EW-1	11/20/15	3598.57	38.20	42.76	4.56	3559.46
EW-1	02/04/16	3598.57	38.22	40.81	2.59	3559.83
EW-1	03/03/16	3598.57	38.51	39.61	1.10	3559.84
EW-1	03/23/16	3598.57	38.70	39.50	0.80	3559.71
EW-1	04/14/16	3598.57	38.76	39.45	0.69	3559.67
EW-1	05/19/16	3598.57	38.97	39.48	0.51	3559.50
EW-1	06/16/16	3598.57	38.92	40.53	1.61	3559.33
EW-1	07/27/16	3598.57	39.30	39.45	0.15	3559.24
EW-1	09/15/16	3598.57	39.34	39.51	0.17	3559.20
EW-1	09/19/16	3598.57	39.34	39.51	0.17	3559.20
EW-1	10/20/16	3598.57	38.57	42.82	4.25	3559.15
EW-1	12/15/16	3598.57	38.62	42.82	4.20	3559.11
EW-1	03/22/17	3598.57	38.20	42.36	4.16	3559.54
EW-1	09/19/17	3598.57	38.75	42.85	4.10	3559.00
EW-1	10/19/17	3598.57	38.58	45.22	6.64	3558.66
EW-1	11/15/17	3598.57	38.47	43.05	4.58	3559.18
EW-1	03/20/18	3598.57	38.75	43.83	5.08	3558.80

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
EW-1	09/17/18	3598.57	39.75	42.36	2.61	3558.30
EW-1	03/20/19	3598.57	39.55	44.45	4.90	3558.04
EW-1	09/16/19	3598.57	40.03	44.49	4.46	3557.65
EW-2	09/19/02	3597.95	--	33.60	--	3564.35
EW-2	10/03/02	3597.95	--	33.61	--	3564.34
EW-2	10/23/02	3597.95	--	33.71	--	3564.24
EW-2	10/24/02	3597.95	--	33.73	--	3564.22
EW-2	10/25/02	3597.95	--	33.74	--	3564.21
EW-2	11/15/02	3597.95	--	33.83	--	3564.12
EW-2	11/29/02	3597.95	--	33.83	--	3564.12
EW-2	12/18/02	3597.95	33.6	33.65	0.05	3564.34
EW-2	04/03/03	3597.95	31.23	33.65	2.42	3566.24
EW-2	03/13/03	3597.95	33.59	33.80	0.21	3564.32
EW-2	04/07/03	3597.95	33.53	35.40	1.87	3564.05
EW-2	06/23/03	3597.95	29.02	33.62	4.60	3568.01
EW-2	06/24/03	3597.95	33.50	33.51	0.01	3564.45
EW-2	04/24/06	3597.95	32.98	33.25	0.27	3564.92
EW-2	05/29/12	3597.95	37.72	41.45	3.73	3559.48
EW-2	03/24/14	3597.95	NM	NM	NM	NM
EW-2	07/28/14	3597.95	39.89	43.25	3.36	3557.39
EW-2	03/10/15	3597.95	NM	NM	NM	NM
EW-2	04/22/15	3597.95	39.99	43.54	3.55	3557.25
EW-2	06/08/15	3597.95	40.19	43.76	3.57	3557.05
EW-2	07/07/15	3597.95	40.14	43.74	3.60	3557.09
EW-2	07/08/15	3597.95	40.15	43.74	3.59	3557.08
EW-2	07/29/15	3597.95	40.10	43.70	3.60	3557.13
EW-2	08/18/15	3597.95	40.14	43.90	3.76	3557.06
EW-2	09/29/15	3597.95	40.17	43.06	2.89	3557.20
EW-2	11/20/15	3597.95	40.12	43.74	3.62	3557.11
EW-2	02/04/16	3597.95	39.92	43.58	3.66	3557.30
EW-2	03/03/16	3597.95	39.93	43.79	3.86	3557.25
EW-2	03/23/16	3597.95	40.00	43.80	3.80	3557.19
EW-2	04/14/16	3597.95	40.05	43.84	3.79	3557.14
EW-2	05/19/16	3597.95	40.17	44.02	3.85	3557.01
EW-2	06/16/16	3597.95	40.23	44.08	3.85	3556.95
EW-2	07/27/16	3597.95	40.35	44.30	3.95	3556.81
EW-2	09/15/16	3597.95	40.39	44.37	3.98	3556.76
EW-2	09/19/16	3597.95	40.39	44.37	3.98	3556.76
EW-2	10/20/16	3597.95	40.31	44.32	4.01	3556.84
EW-2	12/15/16	3597.95	40.47	44.36	3.89	3556.70
EW-2	03/22/17	3597.95	40.09	44.12	4.03	3557.05
EW-2	09/19/17	3597.95	40.50	44.98	4.48	3556.55
EW-2	10/19/17	3597.95	40.46	44.95	4.49	3556.59
EW-2	11/15/17	3597.95	40.20	44.90	4.70	3556.81
EW-2	03/19/18	3597.95	40.58	45.24	4.66	3556.44
EW-2	09/17/18	3597.95	41.12	45.27	4.15	3556.00
EW-2	03/20/19	3597.95	41.41	45.63	4.22	3555.70
EW-2	09/16/19	3597.95	41.82	46.07	4.25	3555.28

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-1	12/13/10	3602.53	37.87	38.53	0.66	3564.53
RW-1	12/15/10	3602.53	37.86	38.64	0.78	3564.51
RW-1	01/03/11	3602.53	37.86	39.75	1.89	3564.29
RW-1	01/04/11	3602.53	38.12	38.42	0.30	3564.35
RW-1	01/10/11	3602.53	38.17	38.45	0.28	3564.30
RW-1	01/17/11	3602.53	38.17	38.67	0.50	3564.26
RW-1	01/24/11	3602.53	38.08	39.49	1.41	3564.17
RW-1	01/31/11	3602.53	38.05	40.09	2.04	3564.07
RW-1	02/07/11	3602.53	38.03	40.53	2.50	3564.00
RW-1	02/14/11	3602.53	38.04	40.89	2.85	3563.92
RW-1	02/15/11	3602.53	38.21	39.94	1.73	3563.97
RW-1	07/29/11	3602.53	38.61	43.15	4.54	3563.01
RW-1	08/04/11	3602.53	38.59	43.45	4.86	3562.97
RW-1	08/11/11	3602.53	38.83	42.34	3.51	3563.00
RW-1	08/16/11	3602.53	38.69	43.25	4.56	3562.93
RW-1	09/14/11	3602.53	39.49	39.67	0.18	3563.00
RW-1	10/10/11	3602.53	39.89	43.78	3.89	3561.86
RW-1	11/18/11	3602.53	39.51	41.17	1.66	3562.69
RW-1	01/06/12	3602.53	39.28	43.80	4.52	3562.35
RW-1	01/26/12	3602.53	39.53	42.84	3.31	3562.34
RW-1	02/23/12	3602.53	39.77	42.22	2.45	3562.27
RW-1	03/29/12	3602.53	40.24	40.60	0.36	3562.22
RW-1	04/19/12	3602.53	40.03	42.14	2.11	3562.08
RW-1	09/20/12	3602.53	40.62	40.19	0.43	3562.00
RW-1	11/15/12	3602.53	40.48	43.42	2.94	3561.46
RW-1	11/29/12	3602.53	40.91	41.22	0.31	3561.56
RW-1	12/20/12	3602.53	40.44	44.29	3.85	3561.32
RW-1	02/26/13	3602.53	40.41	45.81	5.40	3561.04
RW-1	03/14/13	3602.53	41.25	41.30	0.05	3561.27
RW-1	05/09/13	3602.53	40.90	44.71	3.81	3560.87
RW-1	06/07/13	3602.53	40.77	46.11	5.34	3560.69
RW-1	07/02/13	3602.53	40.73	46.04	5.31	3560.74
RW-1	07/22/13	3602.53	40.92	46.17	5.25	3560.56
RW-1	08/22/13	3602.53	41.74	42.15	0.41	3560.71
RW-1	09/19/13	3602.53	41.76	41.98	0.22	3560.73
RW-1	10/03/13	3602.53	41.79	42.11	0.32	3560.68
RW-1	11/27/13	3602.53	41.6	44.03	2.43	3560.44
RW-1	01/21/14	3602.53	41.25	46.46	5.21	3560.24
RW-1	02/13/14	3602.53	41.35	46.29	4.94	3560.19
RW-1	03/10/14	3602.53	41.38	46.70	5.32	3560.09
RW-1	03/24/14	3602.53	41.48	46.73	5.25	3560.00
RW-1	04/28/14	3602.53	41.73	45.53	3.80	3560.04
RW-1	06/09/14	3602.53	41.98	45.29	3.31	3559.89
RW-1	07/28/14	3602.53	41.94	46.84	4.90	3559.61
RW-1	08/19/14	3602.53	42.32	45.11	2.79	3559.65
RW-1	10/01/14	3602.53	42.01	47.70	5.69	3559.38
RW-1	11/24/14	3602.53	41.77	47.22	5.45	3559.67
RW-1	01/08/15	3602.53	41.62	46.79	5.17	3559.88
RW-1	03/10/15	3602.53	41.73	47.00	5.27	3559.75
RW-1	04/22/15	3602.53	41.86	47.42	5.56	3559.56

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-1	04/24/15	3602.53	42.50	44.01	1.51	3559.73
RW-1	05/13/15	3602.53	41.96	47.49	5.53	3559.46
RW-1	05/27/15	3602.53	42.04	47.05	5.01	3559.49
RW-1	06/08/15	3602.53	42.65	43.25	0.60	3559.76
RW-1	06/24/15	3602.53	42.28	45.04	2.76	3559.70
RW-1	07/07/15	3602.53	41.99	46.58	4.59	3559.62
RW-1	07/08/15	3602.53	42.56	43.23	0.67	3559.84
RW-1	07/29/15	3602.53	41.87	46.70	4.83	3559.69
RW-1	08/18/15	3602.53	41.83	46.78	4.95	3559.71
RW-1	09/29/15	3602.53	41.78	46.65	4.87	3559.78
RW-1	11/20/15	3602.53	41.71	46.31	4.60	3559.90
RW-1	02/04/16	3602.53	41.50	45.59	4.09	3560.21
RW-1	03/03/16	3602.53	42.09	42.69	0.60	3560.32
RW-1	03/23/16	3602.53	42.30	45.20	2.90	3559.65
RW-1	04/14/16	3602.53	42.38	42.48	0.10	3560.13
RW-1	05/19/16	3602.53	42.55	42.69	0.14	3559.95
RW-1	06/16/16	3602.53	42.39	44.60	2.21	3559.70
RW-1	07/27/16	3602.53	42.87	42.91	0.04	3559.65
RW-1	09/15/16	3602.53	42.92	42.96	0.04	3559.60
RW-1	09/19/16	3602.53	42.92	42.96	0.04	3559.60
RW-1	10/20/16	3602.53	42.05	46.45	4.40	3559.60
RW-1	12/15/16	3602.53	42.10	46.42	4.32	3559.57
RW-1	03/22/17	3602.53	41.75	45.52	3.77	3560.03
RW-1	09/19/17	3602.53	42.40	45.70	3.30	3559.47
RW-1	10/19/17	3602.53	42.54	44.06	1.52	3559.69
RW-1	11/15/17	3602.53	42.64	42.65	0.01	3559.89
RW-1	03/20/18	3602.43	43.33	47.08	3.75	3558.35
RW-1	09/17/18	3602.43	42.91	48.04	5.13	3558.49
RW-1	03/20/19	3602.43	45.93	46.03	0.10	3556.48
RW-1	09/16/19	3602.43	45.78	50.58	4.80	3555.69
RW-2	12/13/10	3602.04	37.55	40.74	3.19	3563.85
RW-2	12/15/10	3602.04	37.55	40.94	3.39	3563.81
RW-2	01/03/11	3602.04	37.61	41.70	4.09	3563.61
RW-2	01/04/11	3602.04	37.62	41.69	4.07	3563.61
RW-2	01/10/11	3602.04	37.72	41.40	3.68	3563.58
RW-2	01/17/11	3602.04	37.84	40.98	3.14	3563.57
RW-2	01/24/11	3602.04	37.72	41.97	4.25	3563.47
RW-2	01/31/11	3602.04	37.78	42.00	4.22	3563.42
RW-2	02/07/11	3602.04	37.78	42.35	4.57	3563.35
RW-2	02/14/11	3602.04	37.82	42.52	4.70	3563.28
RW-2	02/15/11	3602.04	37.98	41.60	3.62	3563.34
RW-2	07/29/11	3602.04	38.86	41.90	3.04	3562.57
RW-2	08/04/11	3602.04	38.80	42.40	3.60	3562.52
RW-2	08/11/11	3602.04	38.78	42.75	3.97	3562.47
RW-2	08/16/11	3602.04	38.90	42.16	3.26	3562.49
RW-2	09/14/11	3602.04	39.52	39.62	0.10	3562.50
RW-2	10/10/11	3602.04	38.96	43.49	4.53	3562.17
RW-2	11/18/11	3602.04	39.04	43.98	4.94	3562.01
RW-2	01/06/12	3602.04	39.19	44.35	5.16	3561.82

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-2	01/26/12	3602.04	39.46	43.27	3.81	3561.82
RW-2	02/23/12	3602.04	39.78	42.22	2.44	3561.77
RW-2	03/29/12	3602.04	40.26	40.14	0.12	3561.80
RW-2	04/19/12	3602.04	40.33	40.47	0.14	3561.68
RW-2	09/20/12	3602.04	40.02	44.61	4.59	3561.10
RW-2	11/15/12	3602.04	40.59	42.86	2.27	3561.00
RW-2	11/29/12	3602.04	40.94	41.07	0.13	3561.07
RW-2	12/20/12	3602.04	41.00	41.23	0.23	3560.99
RW-2	02/26/13	3602.04	40.60	44.70	4.10	3560.62
RW-2	03/14/13	3602.04	40.68	44.55	3.87	3560.59
RW-2	04/10/13	3602.04	41.30	41.41	0.11	3560.72
RW-2	05/09/13	3602.04	41.44	41.56	0.12	3560.58
RW-2	06/07/13	3602.04	41.52	41.68	0.16	3560.49
RW-2	07/02/13	3602.04	41.43	41.53	0.10	3560.59
RW-2	07/22/13	3602.04	41.49	42.99	1.50	3560.25
RW-2	08/22/13	3602.04	41.59	42.75	1.16	3560.22
RW-2	09/19/13	3602.04	41.32	44.57	3.25	3560.07
RW-2	10/03/13	3602.04	41.32	44.65	3.33	3560.05
RW-2	11/27/13	3602.04	41.42	44.63	3.21	3559.98
RW-2	01/21/14	3602.04	41.25	46.46	5.21	3559.75
RW-2	02/13/14	3602.04	41.35	46.29	4.94	3559.70
RW-2	03/10/14	3602.04	41.38	46.70	5.32	3559.60
RW-2	03/24/14	3602.04	41.48	46.73	5.25	3559.51
RW-2	04/28/14	3602.04	41.73	45.53	3.80	3559.55
RW-2	06/09/14	3602.04	41.98	45.29	3.31	3559.40
RW-2	07/28/14	3602.04	41.94	46.84	4.90	3559.12
RW-2	08/19/14	3602.04	42.32	45.11	2.79	3559.16
RW-2	10/01/14	3602.04	42.01	47.70	5.69	3558.89
RW-2	11/24/14	3602.04	42.2	45.03	2.83	3559.27
RW-2	01/08/15	3602.04	41.96	45.12	3.16	3559.45
RW-2	03/10/15	3602.04	42.05	45.08	3.03	3559.38
RW-2	04/21/15	3602.04	42.21	45.24	3.03	3559.22
RW-2	04/24/15	3602.04	42.33	45.28	2.95	3559.12
RW-2	05/13/15	3602.04	42.72	43.37	0.65	3559.19
RW-2	05/27/15	3602.04	42.50	44.50	2.00	3559.14
RW-2	06/08/15	3602.04	42.59	44.00	1.41	3559.17
RW-2	06/24/15	3602.04	42.42	44.64	2.22	3559.18
RW-2	07/07/15	3602.04	42.38	44.62	2.24	3559.21
RW-2	07/08/15	3602.04	42.71	42.76	0.05	3559.32
RW-2	07/29/15	3602.04	42.40	44.58	2.18	3559.20
RW-2	08/18/15	3602.04	42.28	44.73	2.45	3559.27
RW-2	09/29/15	3602.04	42.21	44.88	2.67	3559.30
RW-2	11/20/15	3602.04	42.04	44.66	2.62	3559.48
RW-2	02/04/16	3602.04	42.04	43.32	1.28	3559.74
RW-2	03/03/16	3602.04	42.09	43.56	1.47	3559.66
RW-2	03/23/16	3602.04	42.02	44.60	2.58	3559.50
RW-2	04/14/16	3602.04	42.10	44.73	2.63	3559.41
RW-2	05/19/16	3602.04	42.35	44.43	2.08	3559.27
RW-2	06/16/16	3602.04	42.47	44.40	1.93	3559.18
RW-2	07/27/16	3602.04	42.62	44.71	2.09	3559.00

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-2	09/15/16	3602.04	42.63	44.73	2.10	3558.99
RW-2	09/19/16	3602.04	42.63	44.73	2.10	3558.99
RW-2	10/20/16	3602.04	42.48	44.65	2.17	3559.13
RW-2	12/15/16	3602.04	42.71	44.71	2.00	3558.93
RW-2	03/22/17	3602.04	42.00	44.86	2.86	3559.47
RW-2	09/19/17	3602.04	42.68	44.62	1.94	3558.97
RW-2	10/19/17	3602.04	42.69	43.89	1.20	3559.11
RW-2	11/15/17	3602.04	42.76	42.78	0.02	3559.28
RW-2	03/20/18	3602.04	42.81	44.82	2.01	3558.83
RW-2	09/17/18	3602.04	43.60	44.56	0.96	3558.25
RW-2	03/20/19	3602.04	45.91	46.75	0.84	3555.96
RW-2	09/16/19	3602.04	46.44	47.02	0.58	3555.48
RW-3	12/13/10	3601.34	37.27	38.42	1.15	3563.84
RW-3	12/15/10	3601.34	37.24	38.70	1.46	3563.81
RW-3	01/03/11	3601.34	37.25	39.78	2.53	3563.58
RW-3	01/04/11	3601.34	37.25	39.75	2.50	3563.59
RW-3	01/10/11	3601.34	37.63	37.91	0.28	3563.65
RW-3	01/17/11	3601.34	37.68	37.82	0.14	3563.63
RW-3	01/24/11	3601.34	37.50	39.24	1.74	3563.49
RW-3	01/31/11	3601.34	37.52	39.43	1.91	3563.44
RW-3	02/07/11	3601.34	37.58	39.69	2.11	3563.34
RW-3	02/14/11	3601.34	37.53	40.09	2.56	3563.30
RW-3	02/15/11	3601.34	37.76	38.76	1.00	3563.38
RW-3	07/29/11	3601.34	38.52	39.61	1.09	3562.60
RW-3	08/04/11	3601.34	38.96	40.07	1.11	3562.16
RW-3	08/11/11	3601.34	38.67	39.17	0.50	3562.57
RW-3	08/16/11	3601.34	38.70	39.15	0.45	3562.55
RW-3	09/14/11	3601.34	38.89	38.90	0.01	3562.45
RW-3	10/10/11	3601.34	38.93	39.39	0.46	3562.32
RW-3	11/18/11	3601.34	39.12	39.26	0.14	3562.19
RW-3	01/06/12	3601.34	39.14	40.34	1.20	3561.96
RW-3	01/26/12	3601.34	39.39	39.41	0.02	3561.95
RW-3	02/23/12	3601.34	39.49	39.51	0.02	3561.85
RW-3	03/29/12	3601.34	39.63	39.65	0.02	3561.71
RW-3	04/19/12	3601.34	39.69	39.73	0.04	3561.64
RW-3	09/20/12	3601.34	39.50	43.33	3.83	3561.07
RW-3	11/15/12	3601.34	39.81	42.98	3.17	3560.90
RW-3	11/29/12	3601.34	--	40.23	--	3561.11
RW-3	12/20/12	3601.34	40.38	40.49	0.11	3560.94
RW-3	02/26/13	3601.34	40.25	42.40	2.15	3560.66
RW-3	03/14/13	3601.34	40.61	40.69	0.08	3560.71
RW-3	04/10/13	3601.34	40.68	40.71	0.03	3560.65
RW-3	05/09/13	3601.34	40.77	40.85	0.08	3560.55
RW-3	06/07/13	3601.34	40.89	41.00	0.11	3560.43
RW-3	07/02/13	3601.34	40.79	40.88	0.09	3560.53
RW-3	07/22/13	3601.34	41.05	41.14	0.09	3560.27
RW-3	08/22/13	3601.34	41.10	41.19	0.09	3560.22
RW-3	09/19/13	3601.34	41.16	41.24	0.08	3560.16
RW-3	10/03/13	3601.34	41.18	41.19	0.01	3560.16

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-3	11/27/13	3601.34	41.25	41.45	0.20	3560.05
RW-3	01/21/14	3601.34	41.37	41.54	0.17	3559.94
RW-3	02/13/14	3601.34	41.27	42.64	1.37	3559.80
RW-3	03/10/14	3601.34	41.45	41.99	0.54	3559.78
RW-3	03/24/14	3601.34	41.6	41.80	0.20	3559.70
RW-3	04/28/14	3601.34	41.69	41.70	0.01	3559.65
RW-3	06/09/14	3601.34	41.81	41.91	0.10	3559.51
RW-3	07/28/14	3601.34	41.62	44.20	2.58	3559.20
RW-3	08/19/14	3601.34	41.68	44.20	2.52	3559.16
RW-3	10/01/14	3601.34	41.85	44.27	2.42	3559.01
RW-3	11/24/14	3601.34	41.57	44.38	2.81	3559.21
RW-3	01/08/15	3601.34	41.38	44.49	3.11	3559.34
RW-3	03/10/15	3601.34	41.43	44.56	3.13	3559.28
RW-3	04/21/15	3601.34	41.58	44.64	3.06	3559.15
RW-3	04/24/15	3601.34	41.68	44.71	3.03	3559.05
RW-3	05/13/15	3601.34	41.77	44.52	2.75	3559.02
RW-3	06/08/15	3601.34	41.77	44.49	2.72	3559.03
RW-3	06/24/15	3601.34	41.71	44.46	2.75	3559.08
RW-3	07/07/15	3601.34	41.71	44.33	2.62	3559.11
RW-3	07/08/15	3601.34	41.70	44.36	2.66	3559.11
RW-3	07/29/15	3601.34	41.70	44.18	2.48	3559.14
RW-3	08/18/15	3601.34	41.63	44.33	2.70	3559.17
RW-3	09/29/15	3601.34	41.58	44.44	2.86	3559.19
RW-3	11/20/15	3601.34	41.44	44.42	2.98	3559.30
RW-3	02/04/16	3601.34	41.15	44.50	3.35	3559.52
RW-3	03/03/16	3601.34	41.26	44.34	3.08	3559.46
RW-3	03/23/16	3601.34	41.59	42.90	1.31	3559.49
RW-3	04/14/16	3601.34	41.88	41.90	0.02	3559.46
RW-3	05/19/16	3601.34	42.03	42.09	0.06	3559.30
RW-3	06/16/16	3601.34	42.00	43.13	1.13	3559.11
RW-3	07/27/16	3601.34	42.30	43.43	1.13	3558.81
RW-3	09/15/16	3601.34	42.35	43.50	1.15	3558.76
RW-3	09/19/16	3601.34	42.35	43.50	1.15	3558.76
RW-3	10/20/16	3601.34	41.85	44.26	2.41	3559.01
RW-3	12/15/16	3601.34	41.98	44.33	2.35	3558.89
RW-3	03/22/17	3601.34	41.40	44.32	2.92	3559.36
RW-3	09/19/17	3601.34	41.01	44.48	3.47	3559.64
RW-3	10/19/17	3601.34	41.96	44.17	2.21	3558.94
RW-3	11/15/17	3601.34	42.16	42.18	0.02	3559.18
RW-3	03/20/18	3601.34	42.17	44.33	2.16	3558.74
RW-3	09/17/18	3601.34	42.90	44.44	1.54	3558.13
RW-3	03/20/19	3601.34	45.31	45.42	0.11	3556.01
RW-3	09/16/19	3601.34	45.72	46.42	0.70	3555.48
RW-4	12/13/10	3602.30	37.58	40.58	3.00	3564.12
RW-4	12/15/10	3602.30	37.59	40.98	3.39	3564.03
RW-4	01/03/11	3602.30	37.56	42.28	4.72	3563.80
RW-4	01/04/11	3602.30	37.71	41.49	3.78	3563.83
RW-4	01/10/11	3602.30	37.98	40.24	2.26	3563.87
RW-4	01/17/11	3602.30	38.39	38.43	0.04	3563.90

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-4	01/24/11	3602.30	37.88	41.28	3.40	3563.74
RW-4	01/31/11	3602.30	38.22	39.69	1.47	3563.79
RW-4	02/07/11	3602.30	38.02	41.29	3.27	3563.63
RW-4	02/14/11	3602.30	37.95	42.09	4.14	3563.52
RW-4	02/15/11	3602.30	38.44	39.17	0.73	3563.71
RW-4	07/29/11	3602.30	38.96	41.89	2.93	3562.75
RW-4	08/04/11	3602.30	38.83	42.60	3.77	3562.72
RW-4	08/11/11	3602.30	39.31	40.25	0.94	3562.80
RW-4	08/16/11	3602.30	39.40	39.89	0.49	3562.80
RW-4	09/14/11	3602.30	39.59	39.62	0.03	3562.70
RW-4	10/10/11	3602.30	39.43	41.28	1.85	3562.50
RW-4	11/18/11	3602.30	39.82	39.94	0.12	3562.46
RW-4	01/06/12	3602.30	40.01	40.17	0.16	3562.26
RW-4	01/26/12	3602.30	40.08	40.27	0.19	3562.18
RW-4	02/23/12	3602.30	40.21	40.27	0.06	3562.08
RW-4	03/29/12	3602.30	40.34	40.50	0.16	3561.93
RW-4	04/19/12	3602.30	40.11	42.13	2.02	3561.79
RW-4	09/20/12	3602.30	40.76	40.97	0.21	3561.50
RW-4	11/15/12	3602.30	40.45	44.11	3.66	3561.12
RW-4	11/29/12	3602.30	40.86	42.00	1.14	3561.21
RW-4	12/20/12	3602.30	41.05	41.47	0.42	3561.17
RW-4	02/26/13	3602.30	40.75	44.38	3.63	3560.82
RW-4	03/14/13	3602.30	40.79	44.36	3.57	3560.80
RW-4	04/10/13	3602.30	40.90	44.21	3.31	3560.74
RW-4	05/09/13	3602.30	41.18	43.49	2.31	3560.66
RW-4	06/07/13	3602.30	41.62	41.72	0.10	3560.66
RW-4	07/02/13	3602.30	41.17	42.48	1.31	3560.87
RW-4	07/22/13	3602.30	41.75	42.02	0.27	3560.50
RW-4	08/22/13	3602.30	41.45	44.18	2.73	3560.30
RW-4	09/19/13	3602.30	41.46	44.27	2.81	3560.28
RW-4	10/03/13	3602.30	41.50	44.32	2.82	3560.24
RW-4	11/27/13	3602.30	41.9	42.59	0.69	3560.26
RW-4	01/21/14	3602.30	41.73	44.23	2.50	3560.07
RW-4	02/13/14	3602.30	42.17	42.18	0.01	3560.13
RW-4	03/10/14	3602.30	42.07	43.22	1.15	3560.00
RW-4	03/24/14	3602.30	42.2	43.04	0.84	3559.93
RW-4	04/28/14	3602.30	42.39	42.46	0.07	3559.90
RW-4	06/09/14	3602.30	42.23	44.12	1.89	3559.69
RW-4	07/28/14	3602.30	42.61	43.52	0.91	3559.51
RW-4	08/19/14	3602.30	42.79	42.91	0.12	3559.49
RW-4	10/01/14	3602.30	42.72	44.19	1.47	3559.29
RW-4	11/24/14	3602.30	42.40	44.39	1.99	3559.50
RW-4	01/08/15	3602.30	42.14	44.66	2.52	3559.66
RW-4	03/10/15	3602.30	42.11	45.51	3.40	3559.51
RW-4	04/21/15	3602.30	42.18	45.82	3.64	3559.39
RW-4	04/22/15	3602.30	42.26	45.68	3.42	3559.36
RW-4	04/24/15	3602.30	42.59	44.32	1.73	3559.36
RW-4	05/13/15	3602.30	42.88	42.94	0.06	3559.41
RW-4	05/27/15	3602.30	42.68	43.93	1.25	3559.37
RW-4	06/08/15	3602.30	42.85	42.88	0.03	3559.44

Historical Groundwater Elevation Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Monitoring Well ID	Sample Date	Casing Elevation (ft-amsl)	Depth to LNAPL (ft-bgs)	Depth to Water (ft-btoc)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft-amsl)
RW-4	06/24/15	3602.30	42.59	43.97	1.38	3559.43
RW-4	07/07/15	3602.30	42.78	42.80	0.02	3559.52
RW-4	07/08/15	3602.30	42.73	42.93	0.20	3559.53
RW-4	07/29/15	3602.30	42.44	44.10	1.66	3559.53
RW-4	08/18/15	3602.30	42.42	44.28	1.86	3559.51
RW-4	09/29/15	3602.30	42.33	44.41	2.08	3559.55
RW-4	11/20/15	3602.30	42.16	44.68	2.52	3559.64
RW-4	02/04/16	3602.30	41.74	45.32	3.58	3559.84
RW-4	03/03/16	3602.30	42.34	42.51	0.17	3559.93
RW-4	03/23/16	3602.30	42.43	42.64	0.21	3559.83
RW-4	04/14/16	3602.30	42.50	42.56	0.06	3559.79
RW-4	05/19/16	3602.30	42.48	44.05	1.57	3559.51
RW-4	06/16/16	3602.30	42.61	44.21	1.60	3559.37
RW-4	07/27/16	3602.30	42.83	43.91	1.08	3559.25
RW-4	09/15/16	3602.30	42.89	42.95	0.06	3559.40
RW-4	09/19/16	3602.30	42.89	42.95	0.06	3559.40
RW-4	10/20/16	3602.30	42.63	44.12	1.49	3559.37
RW-4	12/15/16	3602.30	42.81	44.27	1.46	3559.20
RW-4	03/22/17	3602.30	42.12	44.41	2.29	3559.72
RW-4	09/19/17	3602.30	42.85	44.11	1.26	3559.20
RW-4	10/19/17	3602.30	42.74	43.90	1.16	3559.33
RW-4	11/15/17	3602.30	42.78	42.79	0.01	3559.52
RW-4	03/20/18	3602.30	42.94	44.39	1.45	3559.07
RW-4	09/17/18	3602.30	43.70	44.33	0.63	3558.47
RW-4	03/20/19	3602.30	43.57	46.32	2.75	3558.18
RW-4	09/16/19	3602.30	43.73	49.11	5.38	3557.49

Notes:
ft - feet
ft-bgs - feet below ground surface
ft-amsl = feet above mean sea level
LNAPL = Light non-aqueous phase liquid
-- = not detected
DRY = indicates well was observed dry during gauging
NM = not measured
Groundwater elevations in wells containing LNAPL were corrected with an assumption of specific gravity for LNAPL of 0.80
Data from April-July 2011 is missing due to transition of the Site from Tetra Tech to GHD

2019 Groundwater Analytical Data
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	ne (mg/L)	Xylenes (mg/L)	BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.01**	**1.00**	**0.70**	**0.62**		**NE**	**NE**
MW-18	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-18	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-20	03/21/19	**2.08**	0.0621	0.482	0.485	3.11	<25.0	1.4
MW-20 Duplicate	03/21/19	**2.38**	0.0868	0.518	0.573	3.56	10.9	1.4
MW-21	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.69
MW-21	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-22	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.71
MW-22	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-29	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.66
MW-29	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
MW-30	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	1.2
MW-30	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.83
MW-31	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.52
MW-31	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-32	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.58
MW-32	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-33	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-33	09/17/19	<0.001	<0.001	0.0018	<0.003	<0.003	<0.50	<0.48
MW-33 Duplicate	09/17/19	<0.005	<0.005	<0.005	<0.015	<0.015	<2.5	<0.45
MW-34	09/17/19	0.0045	0.0221	0.0201	0.0442	0.0000	<0.50	<0.48
MW-35	09/17/19	**2.57**	**1.19**	**1.48**	**1.19**	6.4300	26.8	18.5
MW-37	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.70

Notes:
NMWQCC = New Mexico Water Quality Control Comission
mg/L = miligrams per liter
< = analyte was not detected at or above the reported detection limit.
ne = not established
na = not analyzed
-- = no data available
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
Shaded/bolded values exceed their respective NMWQCC Standard for Groundwater
F= reported value estimated due to an interference

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
MW-2	07/16/99	0.0036	0.0027	0.0013	0.00050	0.0081	<2.0	<2.0
MW-2	10/20/99	0.0042	0.0025	0.0013	0.0013	0.0093	<2.0	<2.0
MW-2	01/13/00	0.0019	0.00050	<0.005	<0.005	0.0024	<2.0	<2.0
MW-2	04/06/00	0.0043	0.0041	0.0014	<0.002	0.0098	<1.0	<1.0
MW-2	08/01/00	0.0017	0.0015	0.00072	<0.002	0.0039	<1.0	<1.0
MW-2	11/15/00	**0.052**	0.036	0.0078	0.0094	0.11	0.64	<0.52
MW-2	03/06/01	0.0073	0.0050	0.0014	0.0021	0.016	0.14	<0.56
MW-2	06/26/01	0.0049	0.0032	0.0010	<0.002	0.0091	0.18	<0.56
MW-2	09/25/01	**0.018**	0.0074	0.0014	0.0021	0.029	0.20	<0.56
MW-2	12/12/01	0.0036	0.0029	<0.001	0.0016	0.0081	<0.10	0.12
MW-2	05/20/02	0.0037	0.0020	<0.001	0.0018	0.0075	<0.10	0.12
MW-2	03/24/17	<0.005	<0.005	<0.005	<0.015	<0.015	<0.50	2.2
MW-3	07/16/99	<0.005	<0.005	<0.005	<0.005	<0.005	<2.0	<2.0
MW-3	10/20/99	0.0026	0.0010	<0.005	<0.005	0.0036	<2.0	<2.0
MW-3	01/13/00	**0.020**	0.016	0.0092	0.020	0.065	<2.0	<2.0
MW-3	04/06/00	**3.8**	**3.8**	**0.91**	**1.10**	9.61	<1.0	<1.0
MW-4	07/16/99	**0.72**	**1.1**	0.26	0.28	2.36	3.0	3.0
MW-4	03/10/15	**0.0191**	<0.001	0.0197	<0.003	**0.0388**	2.2	427
MW-4	03/24/16	**0.0349**	0.0019	0.0910	0.0699	0.1977	2.4	226
MW-8	07/28/14	**5.4**	0.11	**1.3**	0.17	6.98	16.4	171
MW-8	03/24/16	**9.02**	**0.17**	**2.47**	**1.68**	13.34	44.7	
MW-9	07/16/99	<0.005	<0.005	<0.005	<0.005	<0.005	<2.0	<2.0
MW-9	10/20/99	0.0028	<0.005	<0.005	<0.005	0.0028	<2.0	<2.0
MW-9	01/13/00	**0.11**	0.0020	0.020	0.015	0.15	<2.0	<2.0
MW-9	04/06/00	**2.7**	**0.87**	0.50	0.46	4.53	0.37	0.37
MW-9	08/01/00	**3.4**	**1.1**	0.52	0.27	5.29	1.1	1.1
MW-9	11/15/00	**4.2**	**0.12**	0.46	0.14	4.92	16.0	0.73
MW-9	03/06/01	**4.3**	**0.37**	**0.92**	0.21	5.8	20.0	<0.56
MW-10	07/16/99	0.0018	<0.005	<0.005	<0.005	0.0018	<2.0	<2.0
MW-10	10/20/99	0.0038	0.0023	<0.005	<0.005	0.0061	<2.0	<2.0
MW-10	01/13/00	0.0020	0.0010	0.0025	0.0020	0.0075	<2.0	<2.0
MW-10	04/06/00	0.0027	0.0072	0.00069	<0.002	0.011	<1.0	<1.0
MW-10	08/01/00	**0.040**	0.0012	0.0027	0.010	0.054	<1.0	<1.0
MW-10	11/15/00	**2.0**	0.018	0.31	0.21	2.54	9.0	0.78
MW-10	03/06/01	**4.4**	0.0078	0.12	0.19	4.72	17.0	0.57
MW-10	06/26/01	**5.6**	**1.3**	0.67	<0.04	7.57	31.0	2.4
MW-10	09/25/01	**5.9**	**1.2**	**0.76**	0.57	8.43	26.0	<0.53
MW-10	12/12/01	**7.1**	**1.56**	**0.87**	**0.66**	10.17	23.5	1.35
MW-10	05/20/02	**9.0**	**1.17**	**1.1**	**0.64**	11.91	26.4	1.4
MW-11	10/20/99	<0.005	<0.005	0.0012	0.0013	0.0025	<2.0	<2.0
MW-11	01/13/00	<0.005	<0.005	<0.005	<0.005	<0.005	<2.0	<2.0
MW-11	04/06/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-11	08/01/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-11	11/15/00	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	2.0
MW-11	03/06/01	0.00064	0.0011	<0.005	<0.002	0.0017	<0.10	<0.56

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
MW-11	06/26/01	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	<0.53
MW-11	09/25/01	0.0013	<0.005	<0.005	<0.002	0.0013	<0.10	<0.54
MW-11	12/12/01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-11	05/20/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-12	10/20/99	0.0011	<0.005	<0.005	<0.005	0.0011	<2.0	<2.0
MW-12	01/13/00	<0.005	<0.005	<0.005	<0.005	<0.005	<2.0	<2.0
MW-12	04/06/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-12	08/01/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-12	11/15/00	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	<0.56
MW-12	03/06/01	0.00085	0.00063	<0.005	<0.002	0.0015	<0.10	<0.56
MW-12	06/26/01	<0.005	<0.005	<0.005	<0.002	<0.002	<0.10	<0.53
MW-12	09/25/01	0.0028	0.00053	<0.5	<0.002	0.0033	<0.10	<0.52
MW-12	12/12/01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-12	05/20/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
MW-13	06/04/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-13	01/08/00	<0.005	<0.005	<0.005	<0.002	<0.005	<1.0	<1.0
MW-13	11/15/00	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	0.57
MW-13	06/01/03	<0.5	0.0013	<0.005	<0.002	0.0013	<0.10	<0.55
MW-13	06/26/01	<0.005	<0.005	<0.005	<0.002	<0.005	<0.10	<0.5
MW-13	09/25/01	**0.022**	0.0034	0.0025	<0.002	0.03	0.15	<0.5
MW-13	12/01/01	**0.44**	<0.001	<0.001	0.020	0.46	1.24	0.13
MW-13	05/20/02	<0.001	<0.001	<0.001	0.033	0.033	0.54	0.18
MW-13	08/29/02	<5.00	0.0010	<0.001	0.0013	0.0023	0.15	0.13
MW-13	01/15/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
MW-13	04/23/03	<0.001	<0.001	0.0052	<0.001	0.0052	0.12	<0.10
MW-13	07/14/03	<0.001	<0.001	0.014	<0.001	0.014	0.13	<0.10
MW-13	10/16/03	<0.001	<0.001	0.021	<0.003	0.02	<0.10	<0.048
MW-13	10/26/04	**0.014**	<0.001	0.30	<0.003	0.31	1.2	3.0
MW-13	01/25/05	**1.0**	<0.001	**1.4**	<0.003	2.40	4.7	0.79
MW-13	04/19/05	**1.4**	<0.001	**0.78**	<0.003	2.18	4.9	0.90
MW-13	07/19/05	**1.2**	<0.001	0.54	<0.003	1.74	4.2	0.69
MW-13	10/18/05	**0.36**	<0.001	0.43	0.0068	0.80	2.1	0.88
MW-13	01/24/06	**1.1**	<0.001	0.46	<0.003	1.56	4.7	1.1
MW-13	04/25/06	**5.3**	<0.001	0.64	<0.003	5.94	14	1.1
MW-13 Duplicate	04/25/06	**3.7**	<0.001	0.47	<0.003	4.17	11	1.0
MW-13	07/25/06	**5.9**	<0.001	0.46	<0.003	6.36	16	1.7
MW-13 Duplicate	07/25/06	**5.4**	<0.001	0.49	<0.003	5.89	16	1.6
MW-13	10/24/06	**5.7**	<0.001	0.61	<0.003	6.31	14	1.5
MW-13 Duplicate	10/24/06	**5.2**	<0.001	0.65	<0.003	5.85	12	1.3
MW-13	01/24/07	**6.2**	<0.001	0.72	<0.003	6.92	16	1.5
MW-13 Duplicate	01/24/07	**5.8**	<0.001	0.68	<0.003	6.48	17	1.5
MW-13	04/24/07	**5.1**	<0.001	0.43	0.011	5.54	1.3	1.1
MW-13 Duplicate	04/24/07	**5.3**	<0.001	0.43	0.010	5.74	1.3	1.0
MW-13	07/24/07	**5.7**	<0.001	0.61	<0.003	6.31	0.54	1.7
MW-13 Duplicate	07/24/07	**5.4**	<0.001	0.59	<0.003	5.99	0.58	1.6
MW-13	10/23/07	**5.1**	<0.001	0.59	<0.003	5.69	1.1	1.5
MW-13 Duplicate	10/23/07	**5.5**	<0.001	0.62	<0.003	6.12	1.1	1.3

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
MW-13	01/29/08	**5.6**	<0.05	0.60	<0.05	6.20	0.65	1.5
MW-13 Duplicate	01/29/08	**5.7**	<0.025	0.63	<0.025	6.33	0.97	1.5
MW-13	04/22/08	**7.5**	<0.025	0.73	<0.025	8.23	18	0.80
MW-13 Duplicate	04/22/08	**7.1**	<0.025	0.66	<0.025	7.76	17	0.77
MW-13	07/22/08	**5.5**	<0.025	0.40	<0.025	5.90	14	0.92
MW-13	01/20/09	**5.6**	<0.005	0.39	0.025	6.02	15	0.96
MW-13 Duplicate	01/20/09	**5.8**	<0.001	0.089	0.0048	5.89	17	0.65
MW-13	04/21/09	**4.6**	<0.001	0.12	0.0065	4.73	11	0.45
MW-13	07/29/09	**2.1**	<0.001	0.0020	<0.001	2.10	5.8	1.7
MW-13	10/27/09	**0.56**	<0.001	0.0041	0.0014	0.57	1.6	0.47
MW-13	01/26/10	**0.25**	<0.001	0.0038	0.0077	0.26	0.95	0.43
MW-13	07/27/10	**0.089**	<0.001	0.010	0.0054	0.10	0.41	0.51
MW-13	10/26/10	**0.27**	<0.001	0.052	0.031	0.35	0.90	0.18
MW-18	09/20/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-18	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.49
MW-18	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-18 Duplicate	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-18	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-18	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-20	09/20/17	**3.20**	0.01400	**0.850**	**1.100**	5.16	15.2	1.5
MW-20	03/20/18	**1.79**	0.0971	0.552	0.568	1.22	11.1	2.3
MW-20 Duplicate	03/20/18	**1.79**	0.0957	0.548	0.558	1.20	10.7	2.8
MW-20	09/21/18	**3.19**	0.218	**0.928**	**1.25**	5.59	17.30	2.1
MW-20	03/21/19	**2.08**	0.0621	0.482	0.485	3.11	<25.0	1.4
MW-20 Duplicate	03/21/19	**2.38**	0.0868	0.518	0.573	3.56	10.9	1.4
MW-21	09/20/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-21 Duplicate	09/20/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.45
MW-21	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-21	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-21	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.69
MW-21	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-22	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-22	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-22	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.71
MW-22	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-28	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-28	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-29	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-29	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-29	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.66
MW-29	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
MW-30	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.67
MW-30	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.69
MW-30	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	1.2
MW-30	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.83
MW-31	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.52
MW-31	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-31	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.52
MW-31	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-32	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.49
MW-32	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-32	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.58
MW-32	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-33	03/20/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.52
MW-33	09/21/18	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-33	03/21/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
MW-33	09/17/19	<0.001	<0.001	0.0018	<0.003	<0.003	<0.50	<0.48
MW-33 Duplicate	09/17/19	<0.005	<0.005	<0.005	<0.015	<0.015	<2.5	<0.45
MW-34	09/17/19	0.0045	0.0221	0.0201	0.0442	0.0000	<0.50	<0.48
MW-35	09/17/19	**2.57**	**1.19**	**1.48**	**1.19**	0.0000	26.8	18.5
MW-37	09/17/19	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.70
EW-1	11/15/02	**7.46**	**5.13**	**1.59**	**1.59**	15.77	21.4	NA
EW-1	11/22/02	**9.34**	**6.15**	**2.27**	**2.21**	19.97	15.3	NA
EW-1	04/24/03	**4.41**	**2.50**	**0.95**	**0.79**	8.66	13.1	2.56
EW-1	07/14/03	**2.59**	**2.16**	0.41	0.47	5.63	6.0	1.56
EW-1	10/16/03	**2.80**	**1.80**	0.69	**0.68**	5.97	11	460
EW-2	11/15/02	**2.16**	**1.39**	0.31	0.49	4.35	8.88	NA
EW-2	11/22/02	**2.11**	**2.34**	**0.88**	**1.28**	6.61	11.3	NA
EW-2	04/24/03	**3.08**	**2.68**	0.54	**0.89**	7.19	6.1	<1.0
EW-2	07/14/03	**1.76**	**1.79**	0.20	0.56	4.31	2.92	<2.0
EW-2	10/16/03	**2.8**	**2.6**	0.44	**0.72**	6.56	12	0.88
EW-2	10/16/03	**2.8**	**2.6**	0.44	**0.72**	6.56	12	0.88
EW-2	07/20/05	**4.5**	**1.5**	0.46	**0.64**	7.1	21	2.6
EW-2	01/24/06	**6.4**	**2.3**	**0.91**	**0.89**	10.5	34	4.9
EW-2	04/25/06	**6.8**	**2.6**	**0.84**	**0.95**	11.19	32	960
EW-2	10/24/06	**4.8**	**1.3**	**0.88**	**1.10**	8.08	23	67
EW-2	01/24/07	**5.2**	0.22	**0.76**	**0.93**	7.11	21	130
EW-2	04/24/07	**2.6**	0.054	0.40	0.57	3.62	12	1600
EW-2	07/24/07	**3.2**	0.15	0.72	**1.00**	5.07	17	130
EW-2	10/23/07	**3.5**	0.028	0.54	0.49	4.56	15	26
EW-2	01/29/08	**3.1**	0.026	0.52	0.61	4.26	12	45
EW-2	04/22/08	**2.4**	<0.01	0.39	0.43	3.22	9.2	100
EW-2	07/22/08	**1.4**	<0.005	0.23	0.24	1.87	6.1	31
EW-2	10/21/08	**1.0**	0.018	0.36	0.37	1.73	--	19

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
EW-2	01/20/09	**1.1**	0.0010	0.28	0.28	1.66	5.1	4.8
IW-2	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-2	01/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-2	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-2	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-2	10/15/03	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.048
IW-2	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.048
IW-2	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.20
IW-2	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.048
IW-2	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	<0.048
IW-2	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	0.062
IW-2	04/19/05	<0.001	<0.001	0.0013	<0.003	0.0013	<0.10	5.20
IW-2	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.001	<0.10	0.16
IW-2	10/18/05	**0.019**	<0.001	0.018	0.012	0.049	1.8	25
IW-2	01/24/06	**0.020**	0.063	0.088	0.14	0.31	2.0	71
IW-2	04/25/06	0.0028	0.0050	0.013	0.015	0.036	0.83	15
IW-2	07/25/06	0.0040	<0.001	0.054	0.075	0.13	1.6	37
IW-2	10/24/06	0.003 F	<0.001	0.021 F	0.016	0.040	0.91	68
IW-2	01/24/07	0.0018	<0.001	0.0070	0.0031	0.012	0.46	59
IW-2	04/24/07	<0.001	<0.001	0.0061	<0.003	0.0061	0.45	32
IW-2	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	0.23	29
IW-2	10/23/07	<0.001	<0.001	0.019	0.0050	0.024	2.5	200
IW-2	01/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	0.27	37
IW-2	04/22/08	<0.001	<0.001	<0.001	<0.001	<0.001	0.25	44
IW-2	07/22/08	<0.001	0.0012	0.0020	0.0087	0.012	1.9	77
IW-2	10/21/08	<0.001	<0.001	<0.001	0.0014	0.0014	--	58
IW-2	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	6.8
IW-2	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.11	0.85
IW-2	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	3.9
IW-2	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	1.5
IW-2	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	1.2
IW-2	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.77
IW-2	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	0.24	6.5
IW-2	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	1.1
IW-2	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	7.0
IW-2	04/20/11	<0.001	<0.001	<0.001	<0.003	<0.003	0.26	33.1
IW-2	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	13.6
IW-2	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	5.13	31.6
IW-2	02/26/13	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	5.8
IW-2 Duplicate	02/26/13	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	6.2
IW-2	07/23/13	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
IW-2 Duplicate	07/23/13	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50
IW-2	03/24/14	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	1.5
IW-2 Duplicate	03/24/14	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	5.5
IW-2	07/28/14	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	3.4
IW-2	03/10/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	240
IW-2	07/31/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	2.9
IW-2 Duplicate	07/31/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	4.6

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
IW-2	03/24/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	30.2
IW-2 Duplicate	03/24/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	31.3
IW-2	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.51	22.1
IW-2 Duplicate	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	19.4
IW-2	03/24/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	7.8
IW-2 Duplicate	03/24/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	31.3
IW-2	09/20/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	14.6
IW-3	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-3	01/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-3	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-3	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-3	10/15/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-3	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-3	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.20
IW-3	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.061
IW-3	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.072
IW-3	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-3	04/19/05	0.0015	0.0024	0.0050	0.0074	0.016	0.27	14
IW-3	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	1.1
IW-3	10/18/05	0.0062	<0.001	0.013	0.011	0.030	1.4	180
IW-3	01/24/06	**0.017**	0.0080	0.014	0.0093	0.048	1.6	87
IW-3	04/25/06	0.0060	<0.001	0.010	0.0051	0.021	1.3	64
IW-3	07/25/06	0.0030	<0.001	0.0060	0.0042	0.013	0.91	18
IW-3	10/24/06	0.0024 F	<0.001	0.0074 F	<0.003	0.0098	0.58	53
IW-3	01/24/07	0.0018	<0.001	<0.001	<0.003	0.0018	4.1	67
IW-3	04/24/07	0.0028	<0.001	0.013	0.0037	0.020	1.4	96
IW-3	07/24/07	0.0030	<0.001	<0.001	0.0035	0.0065	1.1	23
IW-3	10/23/07	0.0021	<0.001	0.014	0.0034	0.020	1.2	62
IW-3	01/29/08	<0.001	<0.001	<0.001	0.0011	0.0011	0.71	41
IW-3	04/22/08	<0.001	<0.001	<0.001	0.0011	0.0011	0.46	58
IW-3	07/22/08	<0.001	<0.001	<0.001	0.0012	0.0012	0.28	82
IW-3	10/21/08	<0.001	<0.001	<0.001	0.0010	0.0010	--	0.60
IW-3	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	1.0
IW-3	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.39
IW-3	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.11	0.43
IW-3	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.42
IW-3	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.22
IW-3	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.23
IW-3	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.80
IW-3	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
IW-3	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.86
IW-3	04/20/11	<0.001	<0.001	<0.001	<0.003	<0.001	<0.05	0.40
IW-3	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.001	<0.5	<0.5
IW-3	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.001	<0.05	<0.5
IW-3	02/26/13	<0.001	<0.001	<0.001	<0.003	<0.001	<0.50	<0.50
IW-3	07/23/13	<0.001	<0.001	<0.001	<0.003	<0.001	<0.50	<0.50
IW-3	03/24/14	<0.001	<0.001	<0.001	<0.003	<0.001	<0.50	0.51
IW-3	07/28/14	<0.001	<0.001	<0.001	<0.003	<0.001	<0.50	<0.45

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
IW-3	03/10/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	0.69
IW-3 Duplicate	03/10/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	5.8
IW-3	07/31/15	<0.001	<0.001	<0.001	<0.003	<0.003	<0.51	<0.45
IW-3	03/24/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.45
IW-3	09/22/16	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	2.0
IW-3	03/24/17	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	3.9
IW-3	9/20/017	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	1.2
IW-4	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-4	01/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-4	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-4	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-4	10/16/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-4	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-4	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.20
IW-4	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.048
IW-4	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.082
IW-4	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.31
IW-4	04/19/05	0.0026	0.0030	0.0054	0.0082	0.019	0.33	10
IW-4	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	1.1
IW-4	10/18/05	**0.032**	0.0015	0.0026	0.014	0.050	0.98	70
IW-4	01/24/06	**0.017**	0.0022	0.0019	0.0093	0.030	0.79	35
IW-4	04/25/06	**0.013**	0.0010	0.0084	0.010	0.032	1.20	56
IW-4	07/25/06	0.0061	<0.001	0.011	0.0090	0.026	1.40	52
IW-4	10/24/06	0.0042 F	<0.001	0.00082 F	0.0078	0.0078	1.50	120
IW-4	01/24/07	0.0026	<0.001	<0.001	0.0072	0.010	1.40	0.10
IW-4	04/24/07	0.0021	<0.001	0.0098	0.0046	0.017	0.88	88
IW-4	07/24/07	0.0035	0.011	0.0066	0.0079	0.029	0.52	26
IW-4	10/23/07	0.0018	<0.001	0.0051	<0.003	0.0069	0.57	53
IW-4	01/29/08	0.0012	<0.001	<0.001	<1.0	0.0012	0.42	51
IW-4	04/22/08	<0.001	<0.001	<0.001	0.0013	0.0013	0.51	51
IW-4	07/22/08	<0.001	<0.001	<0.001	0.0011	0.0011	0.32	55
IW-4	10/21/08	<0.001	0.0013	<0.001	0.0026	0.0039	--	9.4
IW-4	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.23	18
IW-4	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.16	5.2
IW-4	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.36	12
IW-4	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.17	8.1
IW-4	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	0.17	5.2
IW-4	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	14
IW-4	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	7.9
IW-4	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	8.2
IW-4	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	79
IW-4	04/20/11	<0.001	0.00048	<0.001	<0.003	0.00048	0.48	112
IW-4	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	31.3
IW-4	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	1.63	19.9
IW-5	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-5	01/15/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-5	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
IW-5	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-5	10/16/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.086
IW-5	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	16
IW-5	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.25
IW-5	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	2.7
IW-5	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.048
IW-5	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.43
IW-5	04/19/05	0.0011	0.0012	0.0014	<0.003	0.0037	<0.10	2.0
IW-5	07/19/05	0.0019	<0.001	<0.001	<0.003	0.0019	<0.10	0.22
IW-5	10/18/05	**0.020**	<0.001	0.0055	0.0097	0.035	0.89	70
IW-5	01/24/06	0.0041	0.0031	0.0029	0.0062	0.016	0.55	4.5
IW-5	04/25/06	0.0018	<0.001	0.0084	0.010	0.020	1.2	56
IW-5	07/25/06	0.0027	<0.001	0.0074	0.0037	0.014	0.96	99
IW-5	10/24/06	0.0026	<0.001	0.012	0.0030	0.018	0.89	130
IW-5	01/24/07	0.0016	<0.001	<0.001	<0.003	0.0016	2.1	48
IW-5	04/24/07	0.0015	<0.001	0.0059	<0.003	0.0074	0.59	48
IW-5	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	0.33	8.5
IW-5	10/23/07	<0.001	<0.001	0.0046	<0.003	0.0046	0.44	42
IW-5	01/29/08	<0.001	<0.001	<0.001	0.0014	0.0014	0.36	4.9
IW-5	04/22/08	**0.020**	<0.001	<0.001	0.0015	0.022	0.51	54
IW-5	07/22/08	**0.16**	0.0016	0.0015	0.0021	0.17	0.95	66
IW-5	10/21/08	**0.23**	0.0013	<0.001	0.0032	0.23	--	22
IW-5	01/20/09	<0.001	<0.001	<0.001	0.0011	0.0011	0.30	15
IW-5	04/21/09	<0.001	<0.001	<0.001	0.0056	0.0056	0.36	18
IW-5	07/28/09	0.0015	<0.001	<0.001	0.0014	0.0029	0.34	18
IW-5	10/27/09	0.0015	<0.001	<0.001	0.0010	0.0025	0.36	5.5
IW-5	01/26/10	0.0035	0.0016	<0.001	0.0011	0.0062	0.47	3.5
IW-5	04/27/10	0.0014	0.0012	<0.001	<0.001	0.0026	0.39	3.4
IW-5	07/27/10	<0.001	0.0012	<0.001	0.0017	0.0029	0.34	2.9
IW-5	10/26/10	0.0012	0.0011	<0.001	0.0014	0.0037	0.27	12
IW-5	01/25/11	<0.001	**1.3**	<0.001	0.0015	1.3	0.38	22
IW-5	04/20/11	0.0023	<0.001	0.00055	<0.003	0.0029	0.83	6.12
IW-5	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	7.4
IW-5	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	0.71	38.9
IW-6	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	7.62
IW-6	01/15/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-6	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-6	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-6	10/16/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.15
IW-6	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	11
IW-6	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	1.4
IW-6	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.76
IW-6	04/19/05	0.0031	0.0030	0.0047	<0.003	0.011	0.19	2.0
IW-6	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	3.4
IW-6	10/18/05	0.0071	<0.001	0.0044	0.017	0.029	0.88	110
IW-6	01/24/06	0.0033	0.0028	<0.001	0.012	0.018	0.71	48
IW-6	10/24/06	0.0021 F	<0.001	0.0084 F	0.0068	0.017	0.87	61

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
IW-7	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-7	01/15/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-7	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-7	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
IW-7	10/16/03	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.64
IW-7	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	0.15	40
IW-7	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	1.7
IW-7	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	18
IW-7	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	3.3
IW-7	01/25/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.21
IW-7	04/19/05	0.0014	0.0042	0.0087	0.0067	0.02	0.55	2.1
IW-7	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	0.10	0.30
IW-7	10/18/05	0.0085	0.0037	0.0067	0.035	0.054	2.3	360
IW-7	01/24/06	0.0064	0.0053	0.0061	0.030	0.048	1.4	41
IW-7	04/25/06	0.0055	<0.001	0.023	0.030	0.059	2.7	330
IW-7	07/25/06	0.0043	<0.001	0.0086	0.013	0.026	1.4	110
IW-7	10/24/06	0.0032 F	<0.001	0.012 F	0.013	0.013	1.1	44
IW-7	01/24/07	0.0018	<0.001	<0.001	0.0066	0.008	0.95	57
IW-7	04/24/07	<0.001	<0.001	0.011	0.0055	0.017	1.2	67
IW-7	07/24/07	0.0014	<0.001	<0.001	<0.003	0.0014	0.42	4.8
IW-7	10/23/07	<0.001	<0.001	0.0045	<0.003	0.0045	0.37	19
IW-7	01/29/08	<0.001	<0.001	<0.001	<1.0	<1.0	0.27	58
IW-7	04/22/08	<0.001	<0.001	<0.001	0.0011	0.0011	0.38	68
IW-7	07/22/08	<0.001	<0.001	<0.001	0.0018	0.0018	4.4	70
IW-7	10/21/08	<0.001	<0.001	<0.001	0.0011	0.0011	--	14
IW-7	01/20/09	<0.001	<0.001	<0.001	0.0012	0.0012	0.38	32
IW-7	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.12	6.5
IW-7	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.13	6.2
IW-7	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.17	20
IW-7 Duplicate	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	0.14	20
IW-7	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	0.24	20
IW-7 Duplicate	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	0.27	43
IW-7	04/27/10	<0.001	<0.001	<0.001	0.0014	0.0014	0.51	85
IW-7 Duplicate	04/27/10	<0.001	<0.001	<0.001	0.0014	0.0014	0.52	86
IW-7	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	23
IW-7 Duplicate	07/27/10	<0.001	<0.001	<0.001	0.0012	0.0012	0.25	36
IW-7	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	6.1
IW-7 Duplicate	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	2.3
IW-7	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	20
IW-7 Duplicate	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	0.10	17
IW-7	04/20/11	<0.001	<0.001	<0.001	<0.003	<0.003	0.43	120
IW-7	10/11/11	<0.002	<0.001	<0.001	<0.003	<0.003	<0.5	NA
SVE-1	08/29/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	01/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	04/23/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	07/14/03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	10/16/03	<0.001	<0.001	<0.001	<3.0	<3.0	<0.10	<0.048
SVE-1	01/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.055

Historical Groundwater Analytical Data - BTEX, TPH-GRO and TPH-DRO
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)	Total BTEX (mg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
NMWQCC groundwater quality standards		**0.005**	**1.00**	**0.70**	**0.62**		**ne**	**ne**
SVE-1	04/20/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.20
SVE-1	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.059
SVE-1	10/26/04	**0.079**	0.0028	<0.001	<0.003	0.082	0.32	0.099
SVE-1	01/25/05	**0.062**	0.0034	0.0019	0.012	0.079	0.41	0.34
SVE-1	04/19/05	**0.054**	0.0014	0.0017	0.0077	0.065	0.21	0.048
SVE-1	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.32
SVE-1	10/18/05	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.31
SVE-1	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.10
SVE-1	04/25/06	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.069
SVE-1	07/25/06	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.049
SVE-1	10/24/06	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.049
SVE-1	01/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.049
SVE-1	04/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.050
SVE-1	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	0.12
SVE-1	10/23/07	<0.001	<0.001	<0.001	<0.003	<0.003	<0.10	<0.050
SVE-1	01/29/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	04/22/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1	07/22/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
SVE-1 Duplicate	07/22/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.11
SVE-1	10/21/08	<0.001	<0.001	<0.001	<0.001	<0.001	--	<0.05
SVE-1 Duplicate	10/21/08	<0.001	<0.001	<0.001	<0.001	<0.001	--	<0.05
SVE-1	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.064
SVE-1	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1 Duplicate	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.099
SVE-1	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1 Duplicate	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.24
SVE-1	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.15
SVE-1	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	0.19
SVE-1	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
SVE-1	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
SVE-1	04/20/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	0.082
SVE-1	10/11/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.50	<0.50

Notes:
NMWQCC = New Mexico Water Quality Control Comission
mg/L = miligrams per liter
< = analyte was not detected at or above the reported detection limit.
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
Shaded/bolded values exceed their respective NMWQCC Standard for Groundwater
F= reported value estimated due to an interference

ne = not established
na = not analyzed
-- = no data available

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
MW-2	07/16/99	28	--	--	--
MW-2	10/20/99	180	--	--	--
MW-2	01/13/00	200	--	--	--
MW-2	04/06/00	190	--	--	--
MW-2	08/01/00	180	--	--	--
MW-2	11/15/00	170	--	--	--
MW-2	03/06/01	160	--	--	--
MW-2	06/26/01	170	--	--	--
MW-2	09/25/01	150	--	--	--
MW-2	12/12/01	151	--	--	--
MW-2	05/20/02	137	590	**3.09**	0.098
MW-3	07/16/99	170	--	--	--
MW-3	10/20/99	120	--	--	--
MW-3	01/13/00	160	--	--	--
MW-3	04/06/00	170	--	--	--
MW-4	07/16/99	190	--	--	--
MW-9	07/16/99	140	--	--	--
MW-9	10/20/99	110	--	--	--
MW-9	01/13/00	130	--	--	--
MW-9	04/06/00	140	--	--	--
MW-9	08/01/00	140	--	--	--
MW-9	11/15/00	140	--	--	--
MW-9	03/06/01	130	--	--	--
MW-10	07/16/99	100	--	--	--
MW-10	10/20/99	120	--	--	--
MW-10	01/13/00	170	--	--	--
MW-10	04/06/00	210	--	--	--
MW-10	08/01/00	160	--	--	--
MW-10	11/15/00	200	--	--	--
MW-10	03/06/01	180	--	--	--
MW-10	06/26/01	170	--	--	--
MW-10	09/25/01	170	--	--	--
MW-10	12/12/01	169	--	--	--
MW-10	05/20/02	164	594	**1.87**	**0.303**
MW-11	10/20/99	120	--	--	--
MW-11	01/13/00	140	--	--	--
MW-11	04/06/00	120	--	--	--
MW-11	08/01/00	110	--	--	--
MW-11	11/15/00	110	--	--	--
MW-11	03/06/01	100	--	--	--
MW-11	06/26/01	110	--	--	--
MW-11	09/25/01	150	--	--	--
MW-11	12/12/01	100	--	--	--
MW-11	05/20/02	96	1,280	**3.43**	0.051
MW-12	10/20/99	140	--	--	--
MW-12	01/13/00	140	--	--	--
MW-12	04/06/00	130	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
MW-12	08/01/00	120	--	--	--
MW-12	11/15/00	120	--	--	--
MW-12	03/06/01	91	--	--	--
MW-12	06/26/01	120	--	--	--
MW-12	09/25/01	110	--	--	--
MW-12	12/12/01	109	--	--	--
MW-12	05/20/02	100	845	**11.7**	0.106
MW-13	06/04/00	56	--	--	--
MW-13	01/08/00	71	--	--	--
MW-13	11/15/00	86	--	--	--
MW-13	06/01/03	110	--	--	--
MW-13	06/26/01	120	--	--	--
MW-13	09/25/01	110	--	--	--
MW-13	12/01/12	114	--	--	--
MW-13	05/20/02	111	905	**1.2**	0.018
MW-13	08/29/02	106	--	**5.72**	--
MW-13	01/15/03	113	--	--	--
MW-13	04/23/03	**406**		0.351	
MW-13	07/14/03	125	--	--	--
MW-13	10/16/03	120	--	--	--
MW-13	10/26/04	120	--	--	--
MW-13	01/25/05	130	--	--	--
MW-13	04/19/05	117	--	--	--
MW-13 Duplicate	04/19/05	103	--	--	--
MW-13	07/19/05	116	--	--	--
MW-13 Duplicate	07/19/05	115	--	--	--
MW-13	10/18/05	108	--	--	--
MW-13 Duplicate	10/18/05	106	--	--	--
MW-13	01/24/06	109	--	--	--
MW-13 Duplicate	01/24/06	115	--	--	--
MW-13	04/25/06	107		**1.4**	0.11
MW-13 Duplicate	04/25/06	109		**1.7**	0.11
MW-13	07/25/06	69.2	--	--	--
MW-13 Duplicate	07/25/06	69.7	--	--	--
MW-13	10/24/06	80.7	--	--	--
MW-13 Duplicate	10/24/06	69.5	--	--	--
MW-13	01/24/07	63.9	--	--	--
MW-13 Duplicate	01/24/07	67.1	--	--	--
MW-13	04/24/07	55.9	--	**2.7**	0.16
MW-13 Duplicate	04/24/07	56	--	**2.8**	0.17
MW-13	07/24/07	63.6	--	--	--
MW-13 Duplicate	07/24/07	63.6	--	--	--
MW-13	10/23/07	75.8	--	--	--
MW-13 Duplicate	10/23/07	80.7	--	--	--
MW-13	01/29/08	70	--	--	--
MW-13 Duplicate	01/29/08	73.1	--	--	--
MW-13	04/22/08	37.3	--	**4.6**	0.177
MW-13 Duplicate	04/22/08	39.3	--	**4.5**	0.177
MW-13	07/22/08	33.5	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
MW-13	01/20/09	77.5	--	--	--
MW-13 Duplicate	01/20/09	79.8	--	--	--
MW-13	10/27/09	180	--	--	--
MW-13	01/26/10	163	--	--	--
MW-13	07/27/10	149	--	--	--
MW-13	10/26/10	172	--	--	--
EW-1	07/16/03	172	--	--	--
EW-1	10/16/03	147		0.22	
EW-2	07/16/03	160	--	--	--
EW-2	10/16/03	164	--	--	--
EW-2	07/20/05	110		0.22	
EW-2	01/24/06	74.5	--	--	--
EW-2	04/25/06	52.7		0.48	0.044
EW-2	10/24/06	56.3	--	--	--
EW-2	01/24/07	38.5	--	--	--
EW-2	04/24/07	77.6	--	**8.7**	**0.22**
EW-2	07/24/07	52.9	--	--	--
EW-2	10/23/07	55.1	--	--	--
EW-2	01/29/08	70.2	--	--	--
EW-2	04/22/08	79.1		0.26	0.0299
EW-2	07/22/08	123	--	--	--
EW-2	10/21/08	68.6	--	--	--
EW-2	01/20/09	113	--	--	--
IW-2	08/29/02	86		**6.55**	--
IW-2	01/14/03	132	--	--	--
IW-2	04/23/03	152	--	0.089	--
IW-2	07/14/03	171	--	--	--
IW-2	10/15/03	103	--	--	--
IW-2	01/20/04	97	--	--	--
IW-2	04/20/04	99.4	--	--	--
IW-2	07/21/04	121	--	--	--
IW-2	10/26/04	146	--	--	--
IW-2	01/25/05	158	--	--	--
IW-2	04/19/05	146	--	--	--
IW-2	07/19/05	125	--	--	--
IW-2	10/18/05	107	--	--	--
IW-2	01/24/06	105	--	--	--
IW-2	04/25/06	110	--	0.69	0.13
IW-2	07/25/06	68.9	--	--	--
IW-2	10/24/06	80.8	--	--	--
IW-2	01/24/07	83.9	--	--	--
IW-2	04/24/07	82.0	--	0.33	--
IW-2	07/24/07	71.5	--	--	--
IW-2	10/23/07	77.5	--	--	--
IW-2	01/29/08	78.4	--	--	--
IW-2	04/22/08	83.3		0.28	0.00606
IW-2	07/22/08	74.1	--	--	--
IW-2	10/21/08	73.8	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
IW-2	01/20/09	78.2	--	--	--
IW-2	04/21/09	66.6	--	0.183	0.00994
IW-2	07/28/09	68.3	--	--	--
IW-2	10/27/09	80.5	--	--	--
IW-2	01/26/10	71.7	--	--	--
IW-2	04/27/10	67.2	--	0.113	0.00516
IW-2	07/27/10	86	--	--	--
IW-2	10/26/10	90.1	--	--	--
IW-2	01/25/11	74.5	--	--	--
IW-2	04/20/11	71.4	--	0.268	<0.0015
IW-2	10/11/11	82.7	--	--	--
IW-2	05/31/12	71.7	--	--	--
IW-2	02/26/13	71.1	--	**1.93**	0.008
IW-2 Duplicate	02/26/13	71.3	--	**1.97**	0.008
IW-2	07/23/13	74.0	--	--	--
IW-2 Duplicate	07/23/13	72.0	--	--	--
IW-2	03/24/14	79.1	--	--	--
IW-2 Duplicate	03/24/14	79.7	--	--	--
IW-3	08/29/02	82	--	**8.28**	--
IW-3	01/14/03	94.6	--	--	--
IW-3	04/23/03	115	--	**1.47**	--
IW-3	07/14/03	161	--	--	--
IW-3	10/15/03	99.1	--	--	--
IW-3	01/20/04	89.3	--	--	--
IW-3	04/20/04	91.5	--	--	--
IW-3	07/21/04	148	--	--	--
IW-3	10/26/04	90.2	--	--	--
IW-3	01/25/05	158	--	--	--
IW-3	04/19/05	148	--	--	--
IW-3	07/19/05	124	--	--	--
IW-3	10/18/05	106	--	--	--
IW-3	01/24/06	97.7	--	--	--
IW-3	04/25/06	103	--	0.68	**0.21**
IW-3	07/25/06	87.8	--	--	--
IW-3	10/24/06	91.4	--	--	--
IW-3	01/24/07	90.7	--	--	--
IW-3	04/24/07	93.1	--	0.60	0.074
IW-3	07/24/07	89.7	--	--	--
IW-3	10/23/07	89.9	--	--	--
IW-3	01/29/08	87.4	--	--	--
IW-3	04/22/08	97.2	--	0.41	0.0336
IW-3	07/22/08	79.5	--	--	--
IW-3	10/21/08	73.7	--	--	--
IW-3	01/20/09	87.5	--	--	--
IW-3	04/21/09	80.8	--	0.16	0.0210
IW-3	07/28/09	78.1	--	--	--
IW-3	10/27/09	98.6	--	--	--
IW-3	01/26/10	79	--	--	--
IW-3	04/27/10	75	--	0.0503	0.0155

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
IW-3	07/27/10	46.4	--	--	--
IW-3	10/26/10	90.0	--	--	--
IW-3	01/25/11	75.9	--	--	--
IW-3	04/20/11	73.3	--	<0.1	<0.015
IW-3	10/11/11	78.9	--	--	--
IW-3	05/31/12	72.1	--	--	--
IW-3	02/26/13	70.9	--	**11.4**	0.137
IW-3	07/23/13	52.2	--	--	--
IW-3	03/24/14	72.6	--	--	--
IW-4	08/29/02	99.5	--	**2.45**	--
IW-4	01/14/03	111	--	--	--
IW-4	04/23/03	153	--	0.221	
IW-4	07/14/03	4.0	--	--	--
IW-4	10/16/03	141	--	--	--
IW-4	01/20/04	114	--	--	--
IW-4	04/20/04	101	--	--	--
IW-4	07/21/04	125	--	--	--
IW-4	10/26/04	139	--	--	--
IW-4	01/25/05	154	--	--	--
IW-4	04/19/05	147	--	--	--
IW-4	07/09/05	125	--	--	--
IW-4	10/18/05	108	--	--	--
IW-4	01/24/06	115	--	--	--
IW-4	04/25/06	131	--	**3.0**	**0.44**
IW-4	07/25/06	41	--	--	--
IW-4	10/24/06	56.6	--	--	--
IW-4	01/24/07	53.7	--	--	--
IW-4	04/24/07	56.2	--	0.87	**0.23**
IW-4	07/24/07	51.4	--	--	--
IW-4	10/23/07	41.1	--	--	--
IW-4	01/29/08	34.7	--	--	--
IW-4	04/22/08	54.5	--	0.36	0.102
IW-4	07/22/08	46.7	--	--	--
IW-4	10/21/08	55.1	--	--	--
IW-4	01/20/09	66.3	--	--	--
IW-4	04/21/09	67.1	--	0.527	0.0661
IW-4	07/28/09	72.2	--	--	--
IW-4	10/27/09	93.4	--	--	--
IW-4	01/26/10	72.7	--	--	--
IW-4	04/27/10	86.9	--	0.241	0.0637
IW-4	07/27/10	56.9	--	--	--
IW-4	10/26/10	94.3	--	--	--
IW-4	01/25/11	81.8	--	--	--
IW-4	04/20/11	81.1	--	0.178	0.0303
IW-4	10/11/11	96	--	--	--
IW-4	05/31/12	85	--	--	--
IW-5	08/29/02	90	--	**3.33**	
IW-5	01/15/03	117	--	--	--
IW-5	04/23/03	156	--	**2.13**	

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
IW-5	07/14/03	160	--	--	--
IW-5	10/16/03	166	--	--	--
IW-5	01/20/04	140	--	--	--
IW-5	04/20/04	124	--	--	--
IW-5	07/21/04	138	--	--	--
IW-5	10/26/04	128	--	--	--
IW-5	01/25/05	156	--	--	--
IW-5	04/19/05	147	--	--	--
IW-5	07/19/05	124	--	--	--
IW-5	10/18/05	110	--	--	--
IW-5	01/24/06	131	--	--	--
IW-5	04/25/06	141	--	**1.3**	**0.32**
IW-5	07/25/06	93	--	--	--
IW-5	10/24/06	129	--	--	--
IW-5	01/24/07	131	--	--	--
IW-5	04/24/07	138	--	**1.0**	0.14
IW-5	07/24/07	133	--	--	--
IW-5	10/23/07	129	--	--	--
IW-5	01/29/08	135	--	--	--
IW-5	04/22/08	166	--	**1.7**	0.112
IW-5	07/22/08	111	--	--	--
IW-5	10/21/08	105	--	--	--
IW-5	01/20/09	144	--	--	--
IW-5	04/21/09	134	--	**2.65**	0.110
IW-5	07/28/09	97.9	--	--	--
IW-5	10/27/09	62.2	--	--	--
IW-5	01/26/10	75.4	--	--	--
IW-5	04/27/10	85.5	--	**3.34**	0.110
IW-5	07/27/11	96.7	--	--	--
IW-5	10/26/10	137	--	--	--
IW-5	01/25/11	147	--	--	--
IW-5	04/20/11	136	--	**3.05**	0.124
IW-5	10/11/11	132	--	--	--
IW-5	05/31/12	**274**	--	--	--
IW-6	08/29/02	92	--	**7.16**	--
IW-6	01/15/03	100	--	--	--
IW-6	04/23/03	132	--	0.27	--
IW-6	07/14/03	120	--	--	--
IW-6	10/16/04	165	--	--	--
IW-6	01/20/04	138	--	--	--
IW-6	10/26/04	76.6	--	--	--
IW-6	01/25/05	156	--	--	--
IW-6	04/19/05	145	--	--	--
IW-6	07/19/05	123	--	--	--
IW-6	10/18/05	110	--	--	--
IW-6	01/24/06	115	--	--	--
IW-6	10/24/06	160	--	--	--
IW-7	08/29/02	161	--	**18.6**	--
IW-7	01/15/03	142	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
IW-7	04/23/03	152	--	0.524	
IW-7	07/14/03	140	--	--	--
IW-7	10/16/03	165	--	--	--
IW-7	01/20/04	138	--	--	--
IW-7	04/20/04	160	--	--	--
IW-7	07/21/04	142	--	--	--
IW-7 Duplicate	07/21/04	139	--	--	--
IW-7	10/26/04	125	--	--	--
IW-7	01/25/05	155	--	--	--
IW-7 Duplicate	01/25/05	157	--	--	--
IW-7	04/19/05	131	--	--	--
IW-7	09/15/07	125	--	--	--
IW-7	10/18/05	107	--	--	--
IW-7	01/24/06	102	--	--	--
IW-7	04/25/06	105	--	0.23	**0.31**
IW-7	07/25/06	87	--	--	--
IW-7	10/24/06	88.7	--	--	--
IW-7	01/24/07	91.9	--	--	--
IW-7	04/24/07	92.6	--	0.45	0.055
IW-7	07/24/07	85.9	--	--	--
IW-7	10/23/07	81.9	--	--	--
IW-7	01/29/08	89.4	--	--	--
IW-7	04/22/08	107	--	0.772	0.0407
IW-7	07/22/08	72.7	--	--	--
IW-7	10/21/08	69.5	--	--	--
IW-7	01/20/09	83.2	--	--	--
IW-7	04/21/09	71.4	--	0.746	0.0347
IW-7	07/28/09	74.7	--	--	--
IW-7	10/27/09	88.8	--	--	--
IW-7 Duplicate	10/27/09	84.8	--	--	--
IW-7	01/26/10	79.4	--	--	--
IW-7 Duplicate	01/26/10	71	--	--	--
IW-7	04/27/10	71.6	--	0.194	0.0452
IW-7 Duplicate	04/27/10	73.6	--	0.147	0.0446
IW-7	07/27/10	68.2	--	--	--
IW-7 Duplicate	07/27/10	68.2	--	--	--
IW-7	10/26/10	73.2	--	--	--
IW-7 Duplicate	10/26/10	82.2	--	--	--
IW-7	01/25/11	61.8	--	--	--
IW-7 Duplicate	01/25/11	62.8	--	--	--
IW-7	04/20/11	60.3	--	0.21	0.0356
IW-7	10/11/11	72.1	--	--	--
SVE-1	08/29/02	96.5	--	--	--
SVE-1	01/14/03	122	--	--	--
SVE-1	04/23/03	123	--	**2.27**	--
SVE-1	07/14/03	117	--	--	--
SVE-1	10/16/03	113	--	--	--
SVE-1	01/20/04	105	--	--	--
SVE-1	04/20/04	109	--	--	--

Historical Groundwater Analytical Data - Chloride, Total Hardness, Iron and Manganese
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Well ID	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (mg/L)	Manganese (mg/L)
NMWQCC groundwater quality		**250**	**NE**	**1.0**	**0.2**
SVE-1	07/21/04	103	--	--	--
SVE-1	10/26/04	52.7	--	--	--
SVE-1	01/25/04	73.9	--	--	--
SVE-1	04/19/05	97.2	--	--	--
SVE-1	07/19/05	102	--	--	--
SVE-1	10/18/05	96.5	--	--	--
SVE-1	01/24/06	109	--	--	--
SVE-1	04/25/06	140	--	--	0.018
SVE-1	07/25/06	112	--	--	--
SVE-1	10/24/06	117	--	--	--
SVE-1	01/24/07	121	--	--	--
SVE-1	04/24/07	124	--	--	--
SVE-1	07/24/07	120	--	--	--
SVE-1	10/23/07	121	--	--	--
SVE-1	01/29/08	120	--	--	--
SVE-1	04/22/08	86.8	--	<0.02	<0.005
SVE-1	07/22/08	124	--	--	--
SVE-1 Duplicate	07/22/08	124.0	--	--	--
SVE-1	10/21/08	113	--	--	--
SVE-1 Duplicate	10/21/08	105	--	--	--
SVE-1	01/20/09	137	--	--	--
SVE-1	04/21/09	114	--	0.0734	0.00928
SVE-1 Duplicate	04/21/09	118	--	0.756	0.0109
SVE-1	07/28/09	113	--	--	--
SVE-1 Duplicate	07/28/09	114	--	--	--
SVE-1	10/27/09	133	--	--	--
SVE-1	01/26/10	126	--	--	--
SVE-1	04/27/10	118	--	0.0416	0.00876
SVE-1	07/27/10	17.2	--	--	--
SVE-1	10/26/10	63.1	--	--	--
SVE-1	01/25/11	124	--	--	--
SVE-1	04/20/11	120	--	0.306	0.145
SVE-1	10/11/11	125	--	--	--

Notes:
NMWQCC = New Mexico Water Quality Control Comission
mg/L = milligrams per liter
NE = Not Established
< = analyte was not detected at or above the reported detection limit.
-- = no data available
Shaded/bolded values exceed their respective NMWQCC Standard for Ground Water.

Table 6

Historical Groundwater Analytical Data - Metals and Polyaromatic Hydrocarbons
Phillips 66 Company
Line NM 1-1
Hobbs, Lea County, New Mexico

Metal Analytes

Well ID	Sample Date	Aluminum (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Boron (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Silver (mg/L)	Zinc (mg/L)
NMWQCC groundwater quality standards		**5.0**	**0.1**	**1.0**	**0.75**	**0.01**	**0.05**	**0.05**	**1.0**	**1.0**	**0.05**	**0.2**	**0.002**	**1.0**	**0.2**	**0.05**	**0.05**	**10**
IW-2	4/20/2011	<0.2	0.00970	<0.2	0.174	<0.004	<0.01	<0.05	<0.025	0.268	0.0171	<0.015	<0.0002	<0.010	<0.04	<0.005	<0.01	<0.02
IW-2	2/26/2013	na	0.0261	0.229	0.168	<0.005	**0.0811**	<0.005	<0.01	**1.93**	<0.005	0.008	<0.0002	<0.02	0.0072	<0.015	<0.007	<0.50
IW-2 Duplicate	2/26/2013	na	0.030	0.23	0.172	<0.005	0.0278	<0.005	<0.01	**1.97**	<0.005	0.008	<0.0002	<0.02	0.0053	<0.015	<0.007	<0.50
IW-3	4/20/2011	<0.2	0.0060	<0.2	0.186	<0.004	<0.01	<0.05	<0.025	<0.1	0.0153	<0.015	<0.0002	<0.010	<0.04	<0.005	<0.01	<0.02
IW-3	2/26/2013	na	0.0374	0.303	0.201	<0.005	**0.159**	0.0135	0.0309	**11.4**	0.0064	0.137	<0.0002	<0.02	0.147	<0.015	<0.007	0.0805
IW-4	4/20/2011	<0.2	0.0230	0.205	0.166	<0.004	<0.01	<0.05	<0.025	0.178	0.0157	0.0303	<0.0002	<0.010	<0.04	<0.005	<0.01	<0.02
IW-5	4/20/2011	<0.2	0.0284	0.881	0.344	<0.004	<0.01	<0.05	<0.025	**3.05**	0.015	0.124	<0.0002	0.0226	<0.04	<0.005	<0.01	<0.02
IW-7	4/20/2011	<0.2	0.0369	<0.2	0.281	<0.004	<0.01	<0.05	<0.025	0.210	0.0151	0.0356	<0.0002	<0.0002	<0.04	<0.005	<0.01	<0.02
IW-7 Duplicate	4/20/2011	<0.2	0.0364	<0.2	0.286	<0.004	<0.01	<0.05	<0.025	0.212	0.0176	0.0358	<0.0002	0.0310	<0.04	<0.005	<0.01	<0.02
SVE-1	4/20/2011	<0.2	<0.005	0.367	0.236	<0.004	<0.01	<0.005	<0.005	0.3060	0.0154	0.14500	<0.0002	<0.01	<0.04	<0.005	<0.01	<0.02

PAH Analytes

Well ID	Sample Date	2-Methylnaphthalene (ug/L)	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(k)fluoranthene (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indeo(1,2,3-cd)pyrene (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
NMWQCC groundwater quality standards		**30**	**ne**	**ne**	**ne**	**ne**	**0.70**	**ne**	**ne**	**ne**	**ne**	**ne**	**ne**	**ne**	**ne**	**30**	**ne**	**ne**
IW-2	4/20/2011	<0.21	<0.21	<0.21	<0.21	0.13	<0.21	<0.21	<0.21	<0.21	0.23	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
IW-2	2/26/2013	na	<0.10	<0.10	0.26	<0.10	<0.10	<0.10	0.11	<0.10	0.32	0.15	0.15	<0.10	0.14	<0.50	<0.50	0.23
IW-2 Duplicate	2/26/2013	na	<0.10	<0.10	0.37	<0.10	<0.10	<0.10	<0.10	<0.10	0.50	<0.10	0.23	<0.10	<0.10	<0.50	<0.50	0.33
IW-3	4/20/2011	<0.051	<0.051	<0.051	<0.051	<0.051	<0.71	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
IW-3	2/26/2013	na	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.50	<0.50	<0.10
IW-4	4/20/2011	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
IW-5	4/20/2011	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	1.6	<0.21
IW-7	4/20/2011	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
IW-7 Duplicate	4/20/2011	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
SVE-1	4/20/2011	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23

Notes:
mg/L = Milligrams per liter
µg/L = Micrograms per liter
NMWQCC = New Mexico Water Quality Control Comission
<= analyte was not detected at or above the reported detection level.
na = not analyzed
ne = not established
Shaded/bolded values exceed their respective WQCC Standard for Ground Water provided in 20.6.2.3103 NMAC.
Duplicate = duplicate sample

Appendices

Appendix A
Laboratory Analytical Reports

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

April 05, 2019

David Bonga
GHD Services
14998 West 6th Ave
Suite 800
Golden, CO 80401

RE: Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Dear David Bonga:
Enclosed are the analytical results for sample(s) received by the laboratory on March 22, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jamie Church
jamie.church@pacelabs.com
314-838-7223
Project Manager

Enclosures

cc: Chris Knight, GHD Services, Inc.

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Certification Number: 10090
Arkansas Drinking Water
WY STR Certification #: 2456.01
Arkansas Certification #: 18-016-0
Arkansas Drinking Water
Illinois Certification #: 004455
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116 / E10426
Louisiana Certification #: 03055
Nevada Certification #: KS000212018-1
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407-18-11
Utah Certification #: KS000212018-8
Kansas Field Laboratory Accreditation: # E-92587
Missouri Certification: 10070
Missouri Certification Number: 10090

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE SUMMARY

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60297677001	**MW-29-032119**	Water	03/19/19 09:40	03/22/19 08:20
60297677002	**MW-30-032119**	Water	03/19/19 10:00	03/22/19 08:20
60297677003	**MW-31-032119**	Water	03/19/19 10:15	03/22/19 08:20
60297677004	**MW-32-032119**	Water	03/19/19 10:30	03/22/19 08:20
60297677005	**MW-33-032119**	Water	03/19/19 10:45	03/22/19 08:20
60297677006	**MW-20-032119**	Water	03/19/19 11:15	03/22/19 08:20
60297677007	**MW-21-032119**	Water	03/19/19 11:30	03/22/19 08:20
60297677008	**MW-28-032119**	Water	03/19/19 11:45	03/22/19 08:20
60297677009	**MW-18-032119**	Water	03/19/19 12:00	03/22/19 08:20
60297677010	**MW-22-032119**	Water	03/19/19 12:25	03/22/19 08:20
60297677011	**DUP-032119**	Water	03/19/19 12:25	03/22/19 08:20
60297677012	**TRIP**	Water	03/19/19 08:00	03/22/19 08:20

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SAMPLE ANALYTE COUNT

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60297677001	**MW-29-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677002	**MW-30-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677003	**MW-31-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677004	**MW-32-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677005	**MW-33-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677006	**MW-20-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677007	**MW-21-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677008	**MW-28-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677009	**MW-18-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677010	**MW-22-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677011	**DUP-032119**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	EAG	9	PASI-K
60297677012	**TRIP**	EPA 8260	EAG	9	PASI-K

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-29-032119 **Lab ID: 60297677001** Collected: 03/19/19 09:40 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**0.66**	mg/L	0.45	1	03/25/19 17:00	04/02/19 02:28		B
TPH-DRO	**0.54**	mg/L	0.45	1	04/03/19 21:00	04/04/19 15:41		H2
Surrogates								
p-Terphenyl (S)	75	%	45-116	1	03/25/19 17:00	04/02/19 02:28	92-94-4	
p-Terphenyl (S)	75	%	45-116	1	04/03/19 21:00	04/04/19 15:41	92-94-4	
n-Tetracosane (S)	82	%	47-120	1	03/25/19 17:00	04/02/19 02:28	646-31-1	
n-Tetracosane (S)	84	%	47-120	1	04/03/19 21:00	04/04/19 15:41	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/31/19 12:22	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/31/19 12:22	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 12:22	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 12:22		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 12:22	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		03/31/19 12:22	2037-26-5	
4-Bromofluorobenzene (S)	102	%	80-120	1		03/31/19 12:22	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	77-122	1		03/31/19 12:22	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 12:22		

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-30-032119 **Lab ID: 60297677002** Collected: 03/19/19 10:00 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**1.2**	mg/L	0.45	1	03/25/19 17:00	04/02/19 02:36		B
TPH-DRO	**1.0**	mg/L	0.45	1	04/03/19 21:00	04/04/19 15:59		H2
Surrogates								
p-Terphenyl (S)	84	%	45-116	1	03/25/19 17:00	04/02/19 02:36	92-94-4	
p-Terphenyl (S)	77	%	45-116	1	04/03/19 21:00	04/04/19 15:59	92-94-4	
n-Tetracosane (S)	86	%	47-120	1	04/03/19 21:00	04/04/19 15:59	646-31-1	
n-Tetracosane (S)	92	%	47-120	1	03/25/19 17:00	04/02/19 02:36	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/31/19 12:36	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/31/19 12:36	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 12:36	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 12:36		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 12:36	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		03/31/19 12:36	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		03/31/19 12:36	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	77-122	1		03/31/19 12:36	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 12:36		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-31-032119 **Lab ID: 60297677003** Collected: 03/19/19 10:15 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**0.48**	mg/L	0.45	1	03/25/19 17:00	04/02/19 02:44		B
TPH-DRO	**0.52**	mg/L	0.45	1	04/03/19 21:00	04/04/19 16:07		H2
Surrogates								
p-Terphenyl (S)	78	%	45-116	1	03/25/19 17:00	04/02/19 02:44	92-94-4	
p-Terphenyl (S)	77	%	45-116	1	04/03/19 21:00	04/04/19 16:07	92-94-4	
n-Tetracosane (S)	85	%	47-120	1	03/25/19 17:00	04/02/19 02:44	646-31-1	
n-Tetracosane (S)	85	%	47-120	1	04/03/19 21:00	04/04/19 16:07	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/31/19 12:51	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/31/19 12:51	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 12:51	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 12:51		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 12:51	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/31/19 12:51	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		03/31/19 12:51	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	77-122	1		03/31/19 12:51	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 12:51		

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-32-032119 **Lab ID: 60297677004** Collected: 03/19/19 10:30 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**0.58**	mg/L	0.45	1	03/25/19 17:00	04/02/19 02:52		B
TPH-DRO	ND	mg/L	0.45	1	04/03/19 21:00	04/04/19 16:15		H2
Surrogates								
p-Terphenyl (S)	78	%	45-116	1	03/25/19 17:00	04/02/19 02:52	92-94-4	
p-Terphenyl (S)	80	%	45-116	1	04/03/19 21:00	04/04/19 16:15	92-94-4	
n-Tetracosane (S)	86	%	47-120	1	03/25/19 17:00	04/02/19 02:52	646-31-1	
n-Tetracosane (S)	88	%	47-120	1	04/03/19 21:00	04/04/19 16:15	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/31/19 13:05	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/31/19 13:05	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 13:05	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 13:05		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 13:05	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/31/19 13:05	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		03/31/19 13:05	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	77-122	1		03/31/19 13:05	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 13:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-33-032119 **Lab ID: 60297677005** Collected: 03/19/19 10:45 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/25/19 17:00	04/02/19 03:00		
Surrogates								
p-Terphenyl (S)	78	%	45-116	1	03/25/19 17:00	04/02/19 03:00	92-94-4	
n-Tetracosane (S)	86	%	47-120	1	03/25/19 17:00	04/02/19 03:00	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/31/19 13:19	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/31/19 13:19	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 13:19	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 13:19		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 13:19	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1		03/31/19 13:19	2037-26-5	
4-Bromofluorobenzene (S)	102	%	80-120	1		03/31/19 13:19	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	77-122	1		03/31/19 13:19	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 13:19		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-20-032119 **Lab ID: 60297677006** Collected: 03/19/19 11:15 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**1.4**	mg/L	0.45	1	03/25/19 17:00	04/02/19 03:08		B
TPH-DRO	**1.2**	mg/L	0.45	1	04/03/19 21:00	04/04/19 16:40		H2
Surrogates								
p-Terphenyl (S)	75	%	45-116	1	03/25/19 17:00	04/02/19 03:08	92-94-4	
p-Terphenyl (S)	81	%	45-116	1	04/03/19 21:00	04/04/19 16:40	92-94-4	
n-Tetracosane (S)	84	%	47-120	1	03/25/19 17:00	04/02/19 03:08	646-31-1	
n-Tetracosane (S)	91	%	47-120	1	04/03/19 21:00	04/04/19 16:40	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	**2080**	ug/L	50.0	50		03/31/19 13:33	71-43-2	
Ethylbenzene	**482**	ug/L	50.0	50		03/31/19 13:33	100-41-4	
Toluene	**62.1**	ug/L	50.0	50		03/31/19 13:33	108-88-3	
TPH-GRO	ND	ug/L	25000	50		03/31/19 13:33		
Xylene (Total)	**485**	ug/L	150	50		03/31/19 13:33	1330-20-7	
Surrogates								
Toluene-d8 (S)	95	%	80-120	50		03/31/19 13:33	2037-26-5	
4-Bromofluorobenzene (S)	117	%	80-120	50		03/31/19 13:33	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	77-122	50		03/31/19 13:33	17060-07-0	
Preservation pH	**1.0**		0.10	50		03/31/19 13:33		

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-21-032119 **Lab ID: 60297677007** Collected: 03/19/19 11:30 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**0.69**	mg/L	0.45	1	03/25/19 17:00	04/02/19 03:33		B
TPH-DRO	ND	mg/L	0.45	1	04/03/19 21:00	04/04/19 17:00		H2
Surrogates								
p-Terphenyl (S)	79	%	45-116	1	04/03/19 21:00	04/04/19 17:00	92-94-4	
p-Terphenyl (S)	77	%	45-116	1	03/25/19 17:00	04/02/19 03:33	92-94-4	
n-Tetracosane (S)	88	%	47-120	1	04/03/19 21:00	04/04/19 17:00	646-31-1	
n-Tetracosane (S)	85	%	47-120	1	03/25/19 17:00	04/02/19 03:33	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/31/19 13:47	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/31/19 13:47	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 13:47	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 13:47		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 13:47	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/31/19 13:47	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		03/31/19 13:47	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	77-122	1		03/31/19 13:47	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 13:47		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-28-032119 **Lab ID: 60297677008** Collected: 03/19/19 11:45 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/25/19 17:00	04/02/19 03:41		B
Surrogates								
p-Terphenyl (S)	79	%	45-116	1	03/25/19 17:00	04/02/19 03:41	92-94-4	
n-Tetracosane (S)	86	%	47-120	1	03/25/19 17:00	04/02/19 03:41	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/31/19 14:01	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/31/19 14:01	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 14:01	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 14:01		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 14:01	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1		03/31/19 14:01	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		03/31/19 14:01	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	77-122	1		03/31/19 14:01	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 14:01		

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-18-032119 **Lab ID: 60297677009** Collected: 03/19/19 12:00 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	03/25/19 17:00	04/02/19 03:49		
Surrogates								
p-Terphenyl (S)	78	%	45-116	1	03/25/19 17:00	04/02/19 03:49	92-94-4	
n-Tetracosane (S)	84	%	47-120	1	03/25/19 17:00	04/02/19 03:49	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/31/19 14:15	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/31/19 14:15	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 14:15	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 14:15		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 14:15	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		03/31/19 14:15	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		03/31/19 14:15	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	77-122	1		03/31/19 14:15	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 14:15		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: MW-22-032119 **Lab ID: 60297677010** Collected: 03/19/19 12:25 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**0.71**	mg/L	0.45	1	03/25/19 17:00	04/02/19 03:57		B
TPH-DRO	ND	mg/L	0.45	1	04/03/19 21:00	04/04/19 17:09		H2
Surrogates								
p-Terphenyl (S)	86	%	45-116	1	04/03/19 21:00	04/04/19 17:09	92-94-4	
p-Terphenyl (S)	78	%	45-116	1	03/25/19 17:00	04/02/19 03:57	92-94-4	
n-Tetracosane (S)	95	%	47-120	1	04/03/19 21:00	04/04/19 17:09	646-31-1	
n-Tetracosane (S)	86	%	47-120	1	03/25/19 17:00	04/02/19 03:57	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		03/31/19 14:29	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/31/19 14:29	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 14:29	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 14:29		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 14:29	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		03/31/19 14:29	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		03/31/19 14:29	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	77-122	1		03/31/19 14:29	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 14:29		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: DUP-032119 **Lab ID: 60297677011** Collected: 03/19/19 12:25 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**1.4**	mg/L	0.45	1	03/25/19 17:00	04/02/19 04:05		B
TPH-DRO	**1.3**	mg/L	0.45	1	04/03/19 21:00	04/04/19 17:17		H2
Surrogates								
p-Terphenyl (S)	77	%	45-116	1	04/03/19 21:00	04/04/19 17:17	92-94-4	
p-Terphenyl (S)	83	%	45-116	1	03/25/19 17:00	04/02/19 04:05	92-94-4	
n-Tetracosane (S)	93	%	47-120	1	03/25/19 17:00	04/02/19 04:05	646-31-1	
n-Tetracosane (S)	86	%	47-120	1	04/03/19 21:00	04/04/19 17:17	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	**2380**	ug/L	20.0	20		04/01/19 17:06	71-43-2	
Ethylbenzene	**518**	ug/L	10.0	10		04/01/19 14:58	100-41-4	
Toluene	**86.8**	ug/L	1.0	1		03/31/19 14:43	108-88-3	
TPH-GRO	**10900**	ug/L	500	1		03/31/19 14:43		
Xylene (Total)	**573**	ug/L	3.0	1		03/31/19 14:43	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1		03/31/19 14:43	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-120	1		03/31/19 14:43	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	77-122	1		03/31/19 14:43	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 14:43		

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ANALYTICAL RESULTS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Sample: TRIP **Lab ID: 60297677012** Collected: 03/19/19 08:00 Received: 03/22/19 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		04/01/19 15:12	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		04/01/19 15:12	100-41-4	
Toluene	ND	ug/L	1.0	1		03/31/19 14:57	108-88-3	
TPH-GRO	ND	ug/L	500	1		03/31/19 14:57		
Xylene (Total)	ND	ug/L	3.0	1		03/31/19 14:57	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		03/31/19 14:57	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		03/31/19 14:57	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	77-122	1		03/31/19 14:57	17060-07-0	
Preservation pH	**1.0**		0.10	1		03/31/19 14:57		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

QC Batch: 576346 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV MO GRO Oxygenates
Associated Lab Samples: 60297677001, 60297677002, 60297677003, 60297677004, 60297677005, 60297677006, 60297677007, 60297677008, 60297677009, 60297677010, 60297677011, 60297677012

METHOD BLANK: 2364900 Matrix: Water
Associated Lab Samples: 60297677001, 60297677002, 60297677003, 60297677004, 60297677005, 60297677006, 60297677007, 60297677008, 60297677009, 60297677010, 60297677011, 60297677012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/31/19 10:44	
Ethylbenzene	ug/L	ND	1.0	03/31/19 10:44	
Toluene	ug/L	ND	1.0	03/31/19 10:44	
TPH-GRO	ug/L	ND	500	03/31/19 10:44	
Xylene (Total)	ug/L	ND	3.0	03/31/19 10:44	
1,2-Dichloroethane-d4 (S)	%	101	77-122	03/31/19 10:44	
4-Bromofluorobenzene (S)	%	99	80-120	03/31/19 10:44	
Toluene-d8 (S)	%	101	80-120	03/31/19 10:44	

LABORATORY CONTROL SAMPLE: 2364901

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.1	101	73-117	
Ethylbenzene	ug/L	20	20.6	103	73-121	
Toluene	ug/L	20	20.5	103	77-119	
TPH-GRO	ug/L	4000	4640	116	70-130	
Xylene (Total)	ug/L	60	61.3	102	76-119	
1,2-Dichloroethane-d4 (S)	%			97	77-122	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			100	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

QC Batch: 576648 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV MO GRO Oxygenates
Associated Lab Samples: 60297677011, 60297677012

METHOD BLANK: 2366159 Matrix: Water
Associated Lab Samples: 60297677011, 60297677012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	04/01/19 14:30	
Ethylbenzene	ug/L	ND	1.0	04/01/19 14:30	
1,2-Dichloroethane-d4 (S)	%	97	77-122	04/01/19 14:30	
4-Bromofluorobenzene (S)	%	97	80-120	04/01/19 14:30	
Toluene-d8 (S)	%	95	80-120	04/01/19 14:30	

LABORATORY CONTROL SAMPLE: 2366160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.1	100	73-117	
Ethylbenzene	ug/L	20	21.0	105	73-121	
1,2-Dichloroethane-d4 (S)	%			93	77-122	
4-Bromofluorobenzene (S)	%			93	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2366161 2366162

Parameter	Units	60298435005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	0.018 mg/L	20	20	34.1	39.2	80	106	42-137	14	35	
Ethylbenzene	ug/L	0.028 mg/L	20	20	49.5	47.7	108	99	44-143	4	36	
1,2-Dichloroethane-d4 (S)	%						87	83	77-122			
4-Bromofluorobenzene (S)	%						100	100	80-120			
Toluene-d8 (S)	%						99	100	80-120			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

QC Batch: 575458 Analysis Method: EPA 8015B
QC Batch Method: EPA 3510C Analysis Description: EPA 8015B
Associated Lab Samples: 60297677001, 60297677002, 60297677003, 60297677004, 60297677005, 60297677006, 60297677007, 60297677008, 60297677009, 60297677010, 60297677011

METHOD BLANK: 2360629 Matrix: Water
Associated Lab Samples: 60297677001, 60297677002, 60297677003, 60297677004, 60297677005, 60297677006, 60297677007, 60297677008, 60297677009, 60297677010, 60297677011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	0.53	0.50	04/02/19 02:11	
n-Tetracosane (S)	%	65	47-120	04/02/19 02:11	
p-Terphenyl (S)	%	67	45-116	04/02/19 02:11	

LABORATORY CONTROL SAMPLE: 2360630

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	9.8	79	31-104	
n-Tetracosane (S)	%			80	47-120	
p-Terphenyl (S)	%			84	45-116	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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(913)599-5665

QUALITY CONTROL DATA

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

QC Batch: 577134 Analysis Method: EPA 8015B
QC Batch Method: EPA 3510C Analysis Description: EPA 8015B
Associated Lab Samples: 60297677001, 60297677002, 60297677003, 60297677004, 60297677006, 60297677007, 60297677010, 60297677011

METHOD BLANK: 2367880 Matrix: Water
Associated Lab Samples: 60297677001, 60297677002, 60297677003, 60297677004, 60297677006, 60297677007, 60297677010, 60297677011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	04/04/19 15:25	
n-Tetracosane (S)	%	88	47-120	04/04/19 15:25	
p-Terphenyl (S)	%	80	45-116	04/04/19 15:25	

LABORATORY CONTROL SAMPLE: 2367881

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	12.6	100	31-104	
n-Tetracosane (S)	%			105	47-120	
p-Terphenyl (S)	%			95	45-116	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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(913)599-5665

QUALIFIERS

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-K	Pace Analytical Services - Kansas City

BATCH QUALIFIERS

Batch: 576346

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
H2	Extraction or preparation conducted outside EPA method holding time.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 075017 P66 LINE NM1-1
Pace Project No.: 60297677

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60297677001	**MW-29-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677001	**MW-29-032119**	EPA 3510C	577134	EPA 8015B	577370
60297677002	**MW-30-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677002	**MW-30-032119**	EPA 3510C	577134	EPA 8015B	577370
60297677003	**MW-31-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677003	**MW-31-032119**	EPA 3510C	577134	EPA 8015B	577370
60297677004	**MW-32-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677004	**MW-32-032119**	EPA 3510C	577134	EPA 8015B	577370
60297677005	**MW-33-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677006	**MW-20-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677006	**MW-20-032119**	EPA 3510C	577134	EPA 8015B	577370
60297677007	**MW-21-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677007	**MW-21-032119**	EPA 3510C	577134	EPA 8015B	577370
60297677008	**MW-28-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677009	**MW-18-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677010	**MW-22-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677010	**MW-22-032119**	EPA 3510C	577134	EPA 8015B	577370
60297677011	**DUP-032119**	EPA 3510C	575458	EPA 8015B	576749
60297677011	**DUP-032119**	EPA 3510C	577134	EPA 8015B	577370
60297677001	**MW-29-032119**	EPA 8260	576346		
60297677002	**MW-30-032119**	EPA 8260	576346		
60297677003	**MW-31-032119**	EPA 8260	576346		
60297677004	**MW-32-032119**	EPA 8260	576346		
60297677005	**MW-33-032119**	EPA 8260	576346		
60297677006	**MW-20-032119**	EPA 8260	576346		
60297677007	**MW-21-032119**	EPA 8260	576346		
60297677008	**MW-28-032119**	EPA 8260	576346		
60297677009	**MW-18-032119**	EPA 8260	576346		
60297677010	**MW-22-032119**	EPA 8260	576346		
60297677011	**DUP-032119**	EPA 8260	576346		
60297677011	**DUP-032119**	EPA 8260	576648		
60297677012	**TRIP**	EPA 8260	576346		
60297677012	**TRIP**	EPA 8260	576648		

Pace Analytical
www.pacelabs.com

Sample Condition Upon Receipt
ESI Tech Spec Client

WO#: 60297677

60297677

Client Name: GHD - P66

Courier: FedEx ☑ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☐ Client ☐ Other ☐

Tracking #: 4746 8743 5224 Pace Shipping Label Used? Yes ☐ No ☐

Custody Seal on Cooler/Box Present: Yes ☑ No ☐ Seals intact: Yes ☑ No ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Other ☑ Ziplc

Thermometer Used: T301 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): As-read 0.8 Corr. Factor -0.2 Corrected 0.6

Date and initials of person examining contents: 3-22-19 LR

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	LR 3/22/19 Extra sample: MW-28-032119
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	(3 DG9H, 2 AG4U) Collected on
Samples arrived within holding time:	☑Yes ☐No ☐N/A	032119. No time listed.
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	Sample # MW-21-032119 is listed
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	twice. One was collected at 1130 and
Sufficient volume:	☑Yes ☐No ☐N/A	the other was was collected at 1145,
Correct containers used:	☑Yes ☐No ☐N/A	according to COC.
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	According to COC, the samples were
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	collected on 031919, The samples
Sample labels match COC: Date / time / ID / analyses	☑Yes ☑No ☐N/A	list collection date as 032119.
Samples contain multiple phases? Matrix: WT	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO)	☐Yes ☐No ☑N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks: Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☑Yes ☐No ☐N/A	
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State:	☐Yes ☐No ☑N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☐No ☑N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution: Per David Bonga, MW-21 collected at 11:45am should be labeled as MW-28.

Project Manager Review: Jamie Church Date: 3/25/19

Temp Log: Record start and finish times when unpacking cooler, if >20 min, recheck sample temps.

Start: 1330	Start:
End: 1400	End:
Temp: 0.6 LR 3-22-19	Temp:

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A — Required Client Information:

Company:	GHD_Phillips 66 New Mexico
Address:	14998 West 6th Ave, Suite 800
	Golden, CO 80401
Email:	christopher.knight@ghd.com
Phone:	512-506-8803 Fax:
Requested Due Date:	

Section B — Required Project Information:

Report To:	David Bonga
Copy To:	Christopher Knight
Purchase Order #:	
Project Name:	075017 P66 Line NM1-1
Project #:	075017

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	Jamie Church
Pace Profile #:	11044, line 6

Regulatory Agency:

State / Location: NM

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 BTEX, GRO	8015 DRO		Residual Chlorine (Y/N)	00297677
1	MW-29-032119	WT	G	3-19	—	3-19	0940		5	X			X						X	X	3DG9H, 2AG4U			001
2	MW-30-032119			—			1000		5	X			X						X	X				002
3	MW-31-032119						1015																	003
4	MW-32-032119						1030																	004
5	MW-33-032119						1045																	005
6	MW-20-032119						1115																	006
7	MW-21-032119						1130																	007
8	MW-21-032119						1145														3DG9H	2AG4U		008
9	MW-18-032119						1200														3DG9H	2AG4U		009
10	MW-22-032119						1225																	010
11	DUP-032119	WT	G	—	—	3-19	—		5	X			X						X	X				011
12	TRIP	—	—	—	—	—	—		3	X			X						X		3DG9H			012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Joshua Sharkey	03/21/19	1300	L Ratliff Pace	3-22-19	0920	0.6	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joe Mireles / Joshua Sharkey

SIGNATURE of SAMPLER: Joe Mireles DATE Signed: 3-21-19

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

September 30, 2019

David Bonga
GHD Services
14998 West 6th Ave
Suite 800
Golden, CO 80401

RE: Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Dear David Bonga:
Enclosed are the analytical results for sample(s) received by the laboratory on September 19, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jamie Church
jamie.church@pacelabs.com
314-838-7223
Project Manager

Enclosures

cc: Chris Knight, GHD Services, Inc.
Angela McManus, Pace Analytical

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 19-016-0
Arkansas Drinking Water
Illinois Certification #: 004455
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212018-1
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-18-11
Utah Certification #: KS000212018-8
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

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SAMPLE SUMMARY

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60315481001	**MW-22**	Water	09/17/19 11:30	09/19/19 08:30
60315481002	**MW-34**	Water	09/17/19 11:45	09/19/19 08:30
60315481003	**MW-35**	Water	09/17/19 12:10	09/19/19 08:30
60315481004	**MW-33**	Water	09/17/19 12:45	09/19/19 08:30
60315481005	**MW-37**	Water	09/17/19 12:30	09/19/19 08:30
60315481006	**MW-29**	Water	09/17/19 13:10	09/19/19 08:30
60315481007	**MW-30**	Water	09/17/19 13:40	09/19/19 08:30
60315481008	**MW-31**	Water	09/17/19 14:00	09/19/19 08:30
60315481009	**MW-32**	Water	09/17/19 15:15	09/19/19 08:30
60315481010	**DUP**	Water	09/17/19 08:00	09/19/19 08:30
60315481011	**MW-21**	Water	09/17/19 14:50	09/19/19 08:30
60315481012	**MW-28**	Water	09/17/19 15:15	09/19/19 08:30
60315481013	**MW-18**	Water	09/17/19 15:40	09/19/19 08:30
60315481014	**TRIP 1**	Water	09/17/19 08:00	09/19/19 08:30
60315481015	**TRIP 2**	Water	09/17/19 08:00	09/19/19 08:30

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SAMPLE ANALYTE COUNT

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60315481001	**MW-22**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	KJM	9	PASI-K
60315481002	**MW-34**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	KJM	9	PASI-K
60315481003	**MW-35**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	DTB	9	PASI-K
60315481004	**MW-33**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	KJM	9	PASI-K
60315481005	**MW-37**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	KJM	9	PASI-K
60315481006	**MW-29**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	DTB	9	PASI-K
60315481007	**MW-30**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	DTB	9	PASI-K
60315481008	**MW-31**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	DTB	9	PASI-K
60315481009	**MW-32**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	DTB	9	PASI-K
60315481010	**DUP**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	DTB	9	PASI-K
60315481011	**MW-21**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	KJM	9	PASI-K
60315481012	**MW-28**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	KJM	9	PASI-K
60315481013	**MW-18**	EPA 8015B	AHS	3	PASI-K
		EPA 8260	KJM	9	PASI-K
60315481014	**TRIP 1**	EPA 8260	KJM	9	PASI-K
60315481015	**TRIP 2**	EPA 8260	KJM	9	PASI-K

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-22 **Lab ID: 60315481001** Collected: 09/17/19 11:30 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	09/21/19 00:07	09/24/19 05:08		
Surrogates								
p-Terphenyl (S)	83	%	45-116	1	09/21/19 00:07	09/24/19 05:08	92-94-4	
n-Tetracosane (S)	77	%	47-120	1	09/21/19 00:07	09/24/19 05:08	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 08:23	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 08:23	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 08:23	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 08:23		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 08:23	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1		09/25/19 08:23	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		09/25/19 08:23	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	77-122	1		09/25/19 08:23	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 08:23		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-34 **Lab ID: 60315481002** Collected: 09/17/19 11:45 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.48	1	09/21/19 00:07	09/24/19 05:32		
Surrogates								
p-Terphenyl (S)	85	%	45-116	1	09/21/19 00:07	09/24/19 05:32	92-94-4	
n-Tetracosane (S)	74	%	47-120	1	09/21/19 00:07	09/24/19 05:32	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	**4.5**	ug/L	1.0	1		09/25/19 08:39	71-43-2	
Ethylbenzene	**20.1**	ug/L	1.0	1		09/25/19 08:39	100-41-4	
Toluene	**22.1**	ug/L	1.0	1		09/25/19 08:39	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 08:39		
Xylene (Total)	**44.2**	ug/L	3.0	1		09/25/19 08:39	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1		09/25/19 08:39	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		09/25/19 08:39	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	77-122	1		09/25/19 08:39	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 08:39		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-35 **Lab ID: 60315481003** Collected: 09/17/19 12:10 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**18.5**	mg/L	0.45	1	09/21/19 00:07	09/24/19 05:40		
Surrogates								
p-Terphenyl (S)	73	%	45-116	1	09/21/19 00:07	09/24/19 05:40	92-94-4	
n-Tetracosane (S)	123	%	47-120	1	09/21/19 00:07	09/24/19 05:40	646-31-1	S0
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	**2570**	ug/L	50.0	50		09/25/19 17:47	71-43-2	
Ethylbenzene	**1480**	ug/L	50.0	50		09/25/19 17:47	100-41-4	
Toluene	**1190**	ug/L	50.0	50		09/25/19 17:47	108-88-3	
TPH-GRO	**26800**	ug/L	25000	50		09/25/19 17:47		
Xylene (Total)	**1190**	ug/L	150	50		09/25/19 17:47	1330-20-7	
Surrogates								
Toluene-d8 (S)	91	%	80-120	50		09/25/19 17:47	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-120	50		09/25/19 17:47	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	77-122	50		09/25/19 17:47	17060-07-0	
Preservation pH	**1.0**		0.10	50		09/25/19 17:47		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-33 **Lab ID: 60315481004** Collected: 09/17/19 12:45 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.48	1	09/21/19 00:07	09/24/19 05:48		
Surrogates								
p-Terphenyl (S)	81	%	45-116	1	09/21/19 00:07	09/24/19 05:48	92-94-4	
n-Tetracosane (S)	76	%	47-120	1	09/21/19 00:07	09/24/19 05:48	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 09:10	71-43-2	
Ethylbenzene	**1.8**	ug/L	1.0	1		09/25/19 09:10	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 09:10	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 09:10		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 09:10	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		09/25/19 09:10	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		09/25/19 09:10	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	77-122	1		09/25/19 09:10	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 09:10		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-37 **Lab ID: 60315481005** Collected: 09/17/19 12:30 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**0.70**	mg/L	0.50	1	09/21/19 00:07	09/24/19 05:56		
Surrogates								
p-Terphenyl (S)	85	%	45-116	1	09/21/19 00:07	09/24/19 05:56	92-94-4	
n-Tetracosane (S)	78	%	47-120	1	09/21/19 00:07	09/24/19 05:56	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 09:25	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 09:25	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 09:25	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 09:25		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 09:25	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1		09/25/19 09:25	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		09/25/19 09:25	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	77-122	1		09/25/19 09:25	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 09:25		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-29 **Lab ID: 60315481006** Collected: 09/17/19 13:10 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.50	1	09/21/19 00:07	09/24/19 06:04		
Surrogates								
p-Terphenyl (S)	76	%	45-116	1	09/21/19 00:07	09/24/19 06:04	92-94-4	
n-Tetracosane (S)	72	%	47-120	1	09/21/19 00:07	09/24/19 06:04	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 16:01	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 16:01	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 16:01	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 16:01		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 16:01	1330-20-7	
Surrogates								
Toluene-d8 (S)	92	%	80-120	1		09/25/19 16:01	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		09/25/19 16:01	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	77-122	1		09/25/19 16:01	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 16:01		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-30 **Lab ID: 60315481007** Collected: 09/17/19 13:40 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	**0.83**	mg/L	0.45	1	09/21/19 00:07	09/24/19 06:12		
Surrogates								
p-Terphenyl (S)	84	%	45-116	1	09/21/19 00:07	09/24/19 06:12	92-94-4	
n-Tetracosane (S)	81	%	47-120	1	09/21/19 00:07	09/24/19 06:12	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 16:17	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 16:17	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 16:17	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 16:17		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 16:17	1330-20-7	
Surrogates								
Toluene-d8 (S)	92	%	80-120	1		09/25/19 16:17	2037-26-5	
4-Bromofluorobenzene (S)	102	%	80-120	1		09/25/19 16:17	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	77-122	1		09/25/19 16:17	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 16:17		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-31 **Lab ID: 60315481008** Collected: 09/17/19 14:00 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	09/21/19 00:07	09/24/19 06:20		
Surrogates								
p-Terphenyl (S)	87	%	45-116	1	09/21/19 00:07	09/24/19 06:20	92-94-4	
n-Tetracosane (S)	83	%	47-120	1	09/21/19 00:07	09/24/19 06:20	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 16:32	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 16:32	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 16:32	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 16:32		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 16:32	1330-20-7	
Surrogates								
Toluene-d8 (S)	90	%	80-120	1		09/25/19 16:32	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/19 16:32	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	77-122	1		09/25/19 16:32	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 16:32		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-32 **Lab ID: 60315481009** Collected: 09/17/19 15:15 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	09/21/19 00:07	09/24/19 06:28		
Surrogates								
p-Terphenyl (S)	78	%	45-116	1	09/21/19 00:07	09/24/19 06:28	92-94-4	
n-Tetracosane (S)	69	%	47-120	1	09/21/19 00:07	09/24/19 06:28	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 16:47	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 16:47	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 16:47	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 16:47		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 16:47	1330-20-7	
Surrogates								
Toluene-d8 (S)	90	%	80-120	1		09/25/19 16:47	2037-26-5	
4-Bromofluorobenzene (S)	103	%	80-120	1		09/25/19 16:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	77-122	1		09/25/19 16:47	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 16:47		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: DUP **Lab ID: 60315481010** Collected: 09/17/19 08:00 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	09/21/19 00:07	09/24/19 06:52		
Surrogates								
p-Terphenyl (S)	85	%	45-116	1	09/21/19 00:07	09/24/19 06:52	92-94-4	
n-Tetracosane (S)	80	%	47-120	1	09/21/19 00:07	09/24/19 06:52	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	5		09/25/19 17:02	71-43-2	
Ethylbenzene	ND	ug/L	5.0	5		09/25/19 17:02	100-41-4	
Toluene	ND	ug/L	5.0	5		09/25/19 17:02	108-88-3	
TPH-GRO	ND	ug/L	2500	5		09/25/19 17:02		
Xylene (Total)	ND	ug/L	15.0	5		09/25/19 17:02	1330-20-7	
Surrogates								
Toluene-d8 (S)	92	%	80-120	5		09/25/19 17:02	2037-26-5	
4-Bromofluorobenzene (S)	104	%	80-120	5		09/25/19 17:02	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	77-122	5		09/25/19 17:02	17060-07-0	
Preservation pH	**1.0**		0.10	5		09/25/19 17:02		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-21 **Lab ID: 60315481011** Collected: 09/17/19 14:50 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	09/21/19 00:07	09/24/19 07:00		
Surrogates								
p-Terphenyl (S)	87	%	45-116	1	09/21/19 00:07	09/24/19 07:00	92-94-4	
n-Tetracosane (S)	87	%	47-120	1	09/21/19 00:07	09/24/19 07:00	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 18:38	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 18:38	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 18:38	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 18:38		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 18:38	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1		09/25/19 18:38	2037-26-5	
4-Bromofluorobenzene (S)	102	%	80-120	1		09/25/19 18:38	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	77-122	1		09/25/19 18:38	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 18:38		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-28 **Lab ID: 60315481012** Collected: 09/17/19 15:15 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	09/21/19 00:07	09/24/19 07:08		
Surrogates								
p-Terphenyl (S)	82	%	45-116	1	09/21/19 00:07	09/24/19 07:08	92-94-4	
n-Tetracosane (S)	76	%	47-120	1	09/21/19 00:07	09/24/19 07:08	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 18:54	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 18:54	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 18:54	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 18:54		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 18:54	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1		09/25/19 18:54	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		09/25/19 18:54	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	77-122	1		09/25/19 18:54	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 18:54		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: MW-18 **Lab ID: 60315481013** Collected: 09/17/19 15:40 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3510C							
TPH-DRO	ND	mg/L	0.45	1	09/21/19 00:07	09/24/19 07:16		
Surrogates								
p-Terphenyl (S)	84	%	45-116	1	09/21/19 00:07	09/24/19 07:16	92-94-4	
n-Tetracosane (S)	74	%	47-120	1	09/21/19 00:07	09/24/19 07:16	646-31-1	
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 19:09	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 19:09	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 19:09	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 19:09		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 19:09	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		09/25/19 19:09	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-120	1		09/25/19 19:09	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	77-122	1		09/25/19 19:09	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 19:09		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: TRIP 1 **Lab ID: 60315481014** Collected: 09/17/19 08:00 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 19:25	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 19:25	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 19:25	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 19:25		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 19:25	1330-20-7	
Surrogates								
Toluene-d8 (S)	100	%	80-120	1		09/25/19 19:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%	80-120	1		09/25/19 19:25	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	77-122	1		09/25/19 19:25	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 19:25		

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ANALYTICAL RESULTS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Sample: TRIP 2 **Lab ID: 60315481015** Collected: 09/17/19 08:00 Received: 09/19/19 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV GRO and Oxygenates	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		09/25/19 19:41	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/25/19 19:41	100-41-4	
Toluene	ND	ug/L	1.0	1		09/25/19 19:41	108-88-3	
TPH-GRO	ND	ug/L	500	1		09/25/19 19:41		
Xylene (Total)	ND	ug/L	3.0	1		09/25/19 19:41	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1		09/25/19 19:41	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1		09/25/19 19:41	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	77-122	1		09/25/19 19:41	17060-07-0	
Preservation pH	**1.0**		0.10	1		09/25/19 19:41		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

QC Batch: 611376 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV MO GRO Oxygenates
Associated Lab Samples: 60315481001, 60315481002, 60315481004, 60315481005

METHOD BLANK: 2497252 Matrix: Water
Associated Lab Samples: 60315481001, 60315481002, 60315481003, 60315481004, 60315481005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	09/25/19 05:46	
Ethylbenzene	ug/L	ND	1.0	09/25/19 05:46	
Toluene	ug/L	ND	1.0	09/25/19 05:46	
TPH-GRO	ug/L	ND	500	09/25/19 05:46	
Xylene (Total)	ug/L	ND	3.0	09/25/19 05:46	
1,2-Dichloroethane-d4 (S)	%	100	77-122	09/25/19 05:46	
4-Bromofluorobenzene (S)	%	101	80-120	09/25/19 05:46	
Toluene-d8 (S)	%	101	80-120	09/25/19 05:46	

LABORATORY CONTROL SAMPLE: 2497253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	17.5	87	73-117	
Ethylbenzene	ug/L	20	18.2	91	73-121	
Toluene	ug/L	20	17.6	88	77-119	
TPH-GRO	ug/L	4000	4740	118	70-130	
Xylene (Total)	ug/L	60	55.3	92	76-119	
1,2-Dichloroethane-d4 (S)	%			99	77-122	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

QC Batch: 611625 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV MO GRO Oxygenates
Associated Lab Samples: 60315481003, 60315481006, 60315481007, 60315481008, 60315481009, 60315481010

METHOD BLANK: 2498312 Matrix: Water
Associated Lab Samples: 60315481003, 60315481006, 60315481007, 60315481008, 60315481009, 60315481010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	09/25/19 14:03	
Ethylbenzene	ug/L	ND	1.0	09/25/19 14:03	
Toluene	ug/L	ND	1.0	09/25/19 14:03	
TPH-GRO	ug/L	ND	500	09/25/19 14:03	
Xylene (Total)	ug/L	ND	3.0	09/25/19 14:03	
1,2-Dichloroethane-d4 (S)	%	109	77-122	09/25/19 14:03	
4-Bromofluorobenzene (S)	%	102	80-120	09/25/19 14:03	
Toluene-d8 (S)	%	90	80-120	09/25/19 14:03	

LABORATORY CONTROL SAMPLE: 2498313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	22.1	111	73-117	
Ethylbenzene	ug/L	20	18.7	93	73-121	
Toluene	ug/L	20	19.4	97	77-119	
TPH-GRO	ug/L	4000	5060	127	70-130	
Xylene (Total)	ug/L	60	55.4	92	76-119	
1,2-Dichloroethane-d4 (S)	%			99	77-122	
4-Bromofluorobenzene (S)	%			103	80-120	
Toluene-d8 (S)	%			92	80-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

QC Batch: 611644 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV MO GRO Oxygenates
Associated Lab Samples: 60315481011, 60315481012, 60315481013, 60315481014, 60315481015

METHOD BLANK: 2498378 Matrix: Water
Associated Lab Samples: 60315481011, 60315481012, 60315481013, 60315481014, 60315481015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	09/25/19 17:51	
Ethylbenzene	ug/L	ND	1.0	09/25/19 17:51	
Toluene	ug/L	ND	1.0	09/25/19 17:51	
TPH-GRO	ug/L	ND	500	09/25/19 17:51	
Xylene (Total)	ug/L	ND	3.0	09/25/19 17:51	
1,2-Dichloroethane-d4 (S)	%	97	77-122	09/25/19 17:51	
4-Bromofluorobenzene (S)	%	102	80-120	09/25/19 17:51	
Toluene-d8 (S)	%	99	80-120	09/25/19 17:51	

LABORATORY CONTROL SAMPLE: 2498379

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	16.2	81	73-117	
Ethylbenzene	ug/L	20	17.2	86	73-121	
Toluene	ug/L	20	16.6	83	77-119	
TPH-GRO	ug/L	4000	5020	125	70-130	
Xylene (Total)	ug/L	60	52.8	88	76-119	
1,2-Dichloroethane-d4 (S)	%			100	77-122	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			99	80-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

QC Batch: 610627 Analysis Method: EPA 8015B
QC Batch Method: EPA 3510C Analysis Description: EPA 8015B
Associated Lab Samples: 60315481001, 60315481002, 60315481003, 60315481004, 60315481005, 60315481006, 60315481007, 60315481008, 60315481009, 60315481010, 60315481011, 60315481012, 60315481013

METHOD BLANK: 2494366 Matrix: Water
Associated Lab Samples: 60315481001, 60315481002, 60315481003, 60315481004, 60315481005, 60315481006, 60315481007, 60315481008, 60315481009, 60315481010, 60315481011, 60315481012, 60315481013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	09/24/19 04:44	
n-Tetracosane (S)	%	43	47-120	09/24/19 04:44	S0
p-Terphenyl (S)	%	69	45-116	09/24/19 04:44	

LABORATORY CONTROL SAMPLE: 2494367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	12.5	8.0	64	31-104	
n-Tetracosane (S)	%			85	47-120	
p-Terphenyl (S)	%			90	45-116	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALIFIERS

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-K Pace Analytical Services - Kansas City

BATCH QUALIFIERS

Batch: 611644

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

S0 Surrogate recovery outside laboratory control limits.

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11195988 LINE NM1-1
Pace Project No.: 60315481

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60315481001	**MW-22**	EPA 3510C	610627	EPA 8015B	611159
60315481002	**MW-34**	EPA 3510C	610627	EPA 8015B	611159
60315481003	**MW-35**	EPA 3510C	610627	EPA 8015B	611159
60315481004	**MW-33**	EPA 3510C	610627	EPA 8015B	611159
60315481005	**MW-37**	EPA 3510C	610627	EPA 8015B	611159
60315481006	**MW-29**	EPA 3510C	610627	EPA 8015B	611159
60315481007	**MW-30**	EPA 3510C	610627	EPA 8015B	611159
60315481008	**MW-31**	EPA 3510C	610627	EPA 8015B	611159
60315481009	**MW-32**	EPA 3510C	610627	EPA 8015B	611159
60315481010	**DUP**	EPA 3510C	610627	EPA 8015B	611159
60315481011	**MW-21**	EPA 3510C	610627	EPA 8015B	611159
60315481012	**MW-28**	EPA 3510C	610627	EPA 8015B	611159
60315481013	**MW-18**	EPA 3510C	610627	EPA 8015B	611159
60315481001	**MW-22**	EPA 8260	611376		
60315481002	**MW-34**	EPA 8260	611376		
60315481003	**MW-35**	EPA 8260	611625		
60315481004	**MW-33**	EPA 8260	611376		
60315481005	**MW-37**	EPA 8260	611376		
60315481006	**MW-29**	EPA 8260	611625		
60315481007	**MW-30**	EPA 8260	611625		
60315481008	**MW-31**	EPA 8260	611625		
60315481009	**MW-32**	EPA 8260	611625		
60315481010	**DUP**	EPA 8260	611625		
60315481011	**MW-21**	EPA 8260	611644		
60315481012	**MW-28**	EPA 8260	611644		
60315481013	**MW-18**	EPA 8260	611644		
60315481014	**TRIP 1**	EPA 8260	611644		
60315481015	**TRIP 2**	EPA 8260	611644		

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Sample Condition Upon Receipt
ESI Tech Spec Client

WO# : 60315481

60315481

Client Name: GHD

Courier: FedEx ☑ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☐ Client ☐ Other ☐

Tracking #: 121929770651 Pace Shipping Label Used? Yes ☑ No ☐

Custody Seal on Cooler/Box Present: Yes ☐ No ☑ Seals intact: Yes ☑ No ☐

Packing Material: Bubble Wrap ☑ Bubble Bags ☑ Foam ☐ None ☐ Other ☐

Thermometer Used: T301 **Type of Ice:** Wet Blue None

Cooler Temperature (°C): **As-read** 3.3° 4.2° **Corr. Factor** 0.0 **Corrected** 3.3° 4.2°

GW

Date and initials of person examining contents: 9-19-19

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	
Sufficient volume:	☑Yes ☐No ☐N/A	
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix:	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO)	☐Yes ☐No ☐N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added
Cyanide water sample checks: Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☑Yes ☐No ☐N/A	Received Trip blank in both coolers
Headspace in VOA vials (>6mm):	☐Yes ☑No ☐N/A	
Samples from USDA Regulated Area: State:	☐Yes ☐No ☑N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☐No ☑N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Jami Church Date: 9/19/19

Temp Log: Record start and finish times when unpacking cooler, if >20 min, recheck sample temps.

Start: 1335	Start:
End: 1400	End:
Temp:	Temp:

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

Section A Required Client Information:

Company:	GHD
Address:	14998 West 6th Ave. Ste. 800
	Golden, CO 80401
Email To:	david.bonga@ghd.com
Phone: 720-974-0951	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	David Bonga
Copy To:	Chris Knight
Purchase Order No.:	
Project Name:	11195988 Line NM1-1
Project Number:	

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jamie Church
Pace Profile #:	11044

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NM

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260 BTEX	8260 GRO	8015 DRO	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-22	GW	G	—	—	9-17	1130	—	5	X			X					X	X	X			001
2	MW-34						1145																002
3	MW-35						1210																003
4	MW-33						1245																004
5	MW-37						1230																005
6	MW-29						1310																006
7	MW-30						1340																007
8	MW-31						1400																008
9	MW-32						1515																009
10	DUP						—																010
11	MW-21						1450																011
12	MW-28	GW	G	—	—	9-17	1515		5	X			X						X	X	X		012

603154181

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Joe Mirtes / GHD	9/18/19	0730	Victor B Ipace	9/19/19	0830	3.3 4.2	Y	XW VB 9/24/19	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joe Mirtes / Phillip Cole

SIGNATURE of SAMPLER: Joe Mirtes — DATE Signed (MM/DD/YY): 09/18/19

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.08, 12-Oct-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GHD	Report To:	David Bonga	Attention:	
Address:	14998 West 6th Ave. Ste. 800	Copy To:	Chris Knight	Company Name:	
	Golden, CO 80401			Address:	
Email To:	david.bonga@ghd.com	Purchase Order No.:		Pace Quote Reference:	
Phone:	720-974-0951 Fax:	Project Name:	11195988 Line NM1-1	Pace Project Manager:	Jamie Church
Requested Due Date/TAT:		Project Number:		Pace Profile #:	11044

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NM

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260 BTEX	8260 GRO	8015 DRO	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-18	GW	G	—	—	9-17	1546		5	X			X						X	X	X		013
2	TRIP	"	"	—	—	—	—		3				X						X	X			014
3	TRIP	—	—	—	—	—	—		3				X						X	X			015
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Joe Mireles / GHD	9-18-19	0730	Victoria B Pace	9/19/19	0830	3.3 4.2	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joe Mireles / Phillip Cole

SIGNATURE of SAMPLER: Joe Mireles — DATE Signed (MM/DD/YY): 09/18/19

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

about GHD

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, environmental, and construction services to private and public sector clients.

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