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AP-015

CONESTOGA-ROVERS
& ASSOCIATES

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April 11, 2013

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Reference No. 075016

Mr. Glenn Von Gonten
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Dr.
Santa Fe, NM 87505

Dear Mr. Von Gonten:

Re: Annual Groundwater Monitoring and Remediation Report
January through December 2012
East Hobbs, Lea County, NM

Conestoga-Rovers & Associates (CRA) is submitting the attached Annual Groundwater Monitoring and Remediation Report, January through December 2012, on behalf of Phillips 66 Company.

If you have any questions or comments, please call me at (972) 331-8500.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Moshghan Mansoori
Project Manager

MM/cd/2
Encl.

cc: Tom Wynn, Phillips 66 Company

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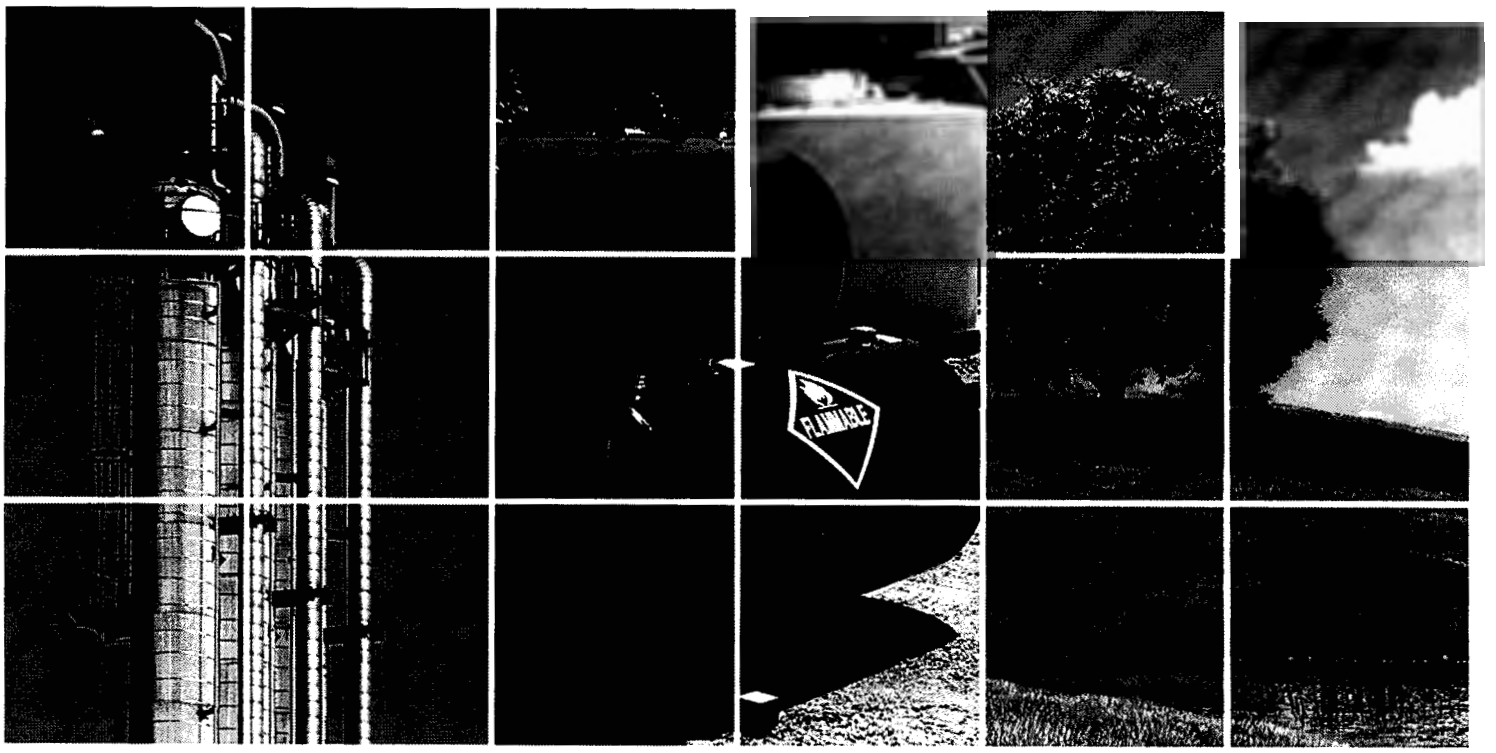

Annual Groundwater Monitoring and Remediation Report

January through December 2012
East Hobbs Junction
Lea County, New Mexico

Prepared for: Phillips 66 Company (P66)

Conestoga-Rovers & Associates
2270 Springlake Road, Suite 800
Dallas, Texas 75234

April 2013 • #075016
Report Number:4

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1.0 INTRODUCTION

On behalf of Phillips 66 Company (Phillips 66), Conestoga-Rovers & Associates (CRA) is managing environmental and remedial project related activities at the East Hobbs Junction (Site). The Site is located in Lea County, New Mexico (Figure 1). The information in this report includes a brief review of previous Site activities, groundwater sampling data collected in May 2012 and groundwater extraction data collected from January through December 2012 during operation of the groundwater extraction wells at the Site. In an effort to provide two semi-annual sampling events in the same calendar year and associated annual reporting, the scheduled sampling will be conducted in the 1st quarter and 3rd quarter of each year with annual reporting in the 1st quarter of the following year. The report presents the following in detail.

- Background information and Site characteristics
- Groundwater monitoring activities and results
- Summary and recommendations

2.0 BACKGROUND INFORMATION AND SITE HISTORY

The Site is located in Lea County, New Mexico (Sec 08, T19S, R38E; Figure 1). Project activities commenced at the Site in January 2000, following the discovery of a release of crude oil from a gathering line at the East Hobbs Junction. Assessment and remediation activities have been conducted at the Site to define and address the crude oil impacts including the installation of a soil and groundwater remediation system. The remediation system installation consisted of a SVE system, an air sparging, and expanding the existing product recovery system. Figure 2 illustrates the locations of the existing pipeline corridors, the Site monitoring and remediation wells, and the remediation buildings and storage tank.

Higgins and Associates, L.L.C. (H&A) of Centennial, Colorado performed the installation of the remediation system, initial startup, procedures, system operation and maintenance, and required site monitoring activities until September 2003. On September 2003, Tetra Tech assumed operation and maintenance of the system. On August 5, 2008, the SVE and air sparging systems were converted into a bioventing system utilizing electronic timers to cycle the periods of operation to promote oxygen enhancement in the vadose zone and encourage biodegradation. The skimmer pumps have been removed from all the monitoring wells except MW-2 and MW-9.

On behalf of Phillips 66, CRA assumed remedial oversight duties of the Site in August 2011. Periodic operation and maintenance of the remediation system were performed and a semi-annual groundwater monitoring and sampling schedule has continued.

3.0 SAMPLING METHODOLOGY AND ANALYTICAL RESULTS

3.1 GROUNDWATER SAMPLING METHODOLOGY

CRA performed groundwater monitoring activities on existing Site monitoring and recovery wells from January through December 2012. Activities included performing a round of groundwater sampling and analyses in May 2012 and collecting monthly groundwater level measurements at the Site monitoring wells.

Groundwater Level and Water Quality Data Collection

Monthly groundwater level measurements were recorded from January to December 2012. An oil/water interface probe was used to measure groundwater depths and check for the presence of liquid phase hydrocarbon (LPH) in each of the monitor wells. Groundwater measurements proceeded from clean wells to the wells containing LPH. Before and after each use, the oil/water interface probe was cleaned with an Alconox®/de-ionized water solution and rinsed with de-ionized water.

Table 2 presents the cumulative groundwater and product depth measurements and elevations at the site.

Groundwater Monitoring and Sampling

On May 31, 2012, groundwater samples were collected from monitoring wells MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-10, MW-12, MW-13, MW-14, MW-15, MW-16, MW-18, MW-19, MW-20, MW-21, MW-23, MW-24, MW-25, MW-26, and MW-27. Groundwater level measurements were recorded from each monitoring well at the Site to check for presence of LPH. During the May 2012 groundwater sampling event, the groundwater flow direction was predominately to the west at an approximate gradient of 0.003 ft/ft. A potentiometric groundwater surface elevation map is presented in Figure 3. Table 1 presents the groundwater gauging data for January through December 2011. A LPH thickness concentration map for May 2012 is included as Figure 5.

Following groundwater measurement activities water was purged and sampled utilizing hand bailing techniques. The wells were purged of three well volumes of groundwater prior to sample collection with single-use, polyethylene hand bailers suspended with new string. Disposable nitrile gloves were worn by sampling personnel and were changed at each well location. Each sample was transferred to laboratory-provided containers that were subsequently sealed, labeled, and placed in an ice-cooled chest for storage and transport to Pace Analytical Services, Inc. in Lenexa, Kansas. Proper chain of custody documentation was maintained throughout the sampling, storage, and shipping process.

3.2 GROUNDWATER ANALYTICAL RESULTS

During the May 2012 sampling event, groundwater samples collected from monitoring wells MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-10, MW-12, MW-13, MW-14, MW-15, MW-16, MW-18, MW-19, MW-20, MW-21, MW-23, MW-24, MW-25, MW-26, and MW-27 were submitted to Pace Analytical Services, Inc. of Lenexa, Kansas for analyses of benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8260; total petroleum hydrocarbons-diesel range organics (TPH-DRO) and total petroleum hydrocarbons-gasoline range organics (TPH-GRO) by Method 8015B modified; and chloride by Method 300.0A. The analytical results for 2010, 2011 and 2012 have been summarized and are presented in Table 3 and Table 5. Analytical results were compared to the New Mexico Water Quality Control Commission (NMWQCC) groundwater quality standards contained in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (20.6.2.3103 NMAC).

The following results were noted from the May 2012 annual groundwater sampling event:

- Benzene was detected above the NMWQCC standard (0.01 milligrams per liter (mg/L)) in MW-3 (2.54 mg/L), MW-7 (9.75 mg/L), MW-8 (4.61 mg/L), MW-10 (7.43 mg/L), MW-12 (9.48 mg/L), MW-18 (5.32 mg/L), and MW-27 (0.061 mg/L).
- Xylene was detected above the NMWQCC standard (0.62 mg/L) in monitoring well MW-7 (1.64 mg/L).
- Chloride was detected above the NMWQCC standard (250 mg/L) in monitoring well MW-21 (358 mg/L).

Groundwater analytical data is summarized in Table 3. Analytical results for benzene, toluene, ethylbenzene, and total xylenes (BTEX), TPH-DRO, and TPH-GRO for May 2012 are presented in Figure 4. Concentration maps for benzene and chloride are presented as Figures 6 and 7, respectively. The laboratory groundwater analytical report is presented as Appendix A. Hydrographs are presented in Appendix B.

4.0 GROUNDWATER REMEDIAL ACTIVITIES

CRA performed groundwater remedial activities on existing Site monitoring and recovery wells from January through December 2012. Activities included operating groundwater extraction wells and operation of skimmer pumps in MW-2 and MW-9.

Groundwater Extraction and Hydrocarbon Recovery Operations
Skimmer pumps have been installed in MW-2 and MW-9 to capture Liquid Hydrocarbons (LPH). MW-2 and MW-9 were operated continuously from January through December 2012. Extracted groundwater was pumped from the wells into an onsite 140-barell (bbl) fluid storage tank. The fluid storage tank is fitted with automated tank gauging and pumping controls and automatically injects the tank contents into MCA Station water flood system. A dedicated flowmeter, installed on the extraction well piping system, gauges the volume of groundwater removed by the extraction wells. From initial abatement activities and previous oil removal activities, approximately 400 barrels of crude oil have been recovered through December 2012.

Soil Vapor Extraction and Air Sparging Systems Monitoring
The SVE system has been operational since October 17, 2002. For air quality permit compliance, the on-site SVE system has been periodically monitored for effluent temperature, flow rate and VOC concentrations since startup.

On August 5, 2008, the SVE and air sparging systems were converted into a bioventing system utilizing electronic timers to cycle the periods of operation to promote oxygen enhancement in the vadose zone and encourage biodegradation. After startup procedures, system repairs and timer calibration were completed; continuous operation of the bioventing system began on August 20, 2008. The Site is permitted by the New Mexico Air Quality Board for a maximum VOC extraction rate of 15 tons per year.

Approximately 63,955 pounds (31.98 tons) of VOCs have been removed from the vadose zone by the SVE system since startup on October 17, 2002 through December 2012. The total VOCs removed by the SVE system from January 2012 through December 2012 were approximately 0.31 tons. A summary of the SVE emissions data is presented in Table 6A and 6B. Well vacuum and SVE effluent VOC concentration readings are presented in Table 7.

System Operation and Maintenance
The remediation system equipment operation and maintenance schedule was performed according to the manufacture recommendations and included oil and oil filter changes, air filter replacement, motor bearing lubrication and air/oil separator maintenance on

the Sullivan/Palatek 20D air compressor; lubrication of the bearings and oil changes on the Roots SVE blower; replacement of fuses and indicator bulbs on the system control panel as needed; monitoring and replacement/repair of gauges, fittings, and wellhead assemblies; and routine monitoring of all system fittings, hoses, sight glasses, gauges, valves, seals, lines, bearings, control switches and solenoids.

The operation and maintenance schedule also included recording the system gauge and timer readings into a table for monitoring of system functions over time.

5.0 SUMMARY AND RECOMMENDATIONS

Groundwater samples collected in May 2012 from MW-3, MW-7, MW-8, MW-10, MW-12, MW-18, and MW-27 exceeded the NMWQCC standard for benzene. Groundwater samples collected in May 2012 from MW-7 and MW-21 exceeded the NMWQCC for xylene and chloride, respectively. LPH was encountered in MW-1, MW-2, and MW-9 on May 30, 2012.

CRA recommends continued semi-annual groundwater monitoring and sampling of the Site monitoring wells. Groundwater samples will be collected and submitted to an analytical laboratory for analyses of BTEX, TPH-DRO, TPH-GRO, and chloride.

CRA also recommends continued operation of the remediation system and periodic collection of groundwater levels and extraction volume data from the wells.

FIGURES

SOURCE: USGS 7.5 MINUTE QUAD
"HOBBS WEST, NEW MEXICO"

LAT/LONG: 32.681° NORTH, 103.165° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO EAST

figure 1

SITE AERIAL MAP
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

075016-5RM00(004)GN-DL001 JAN 26/2013

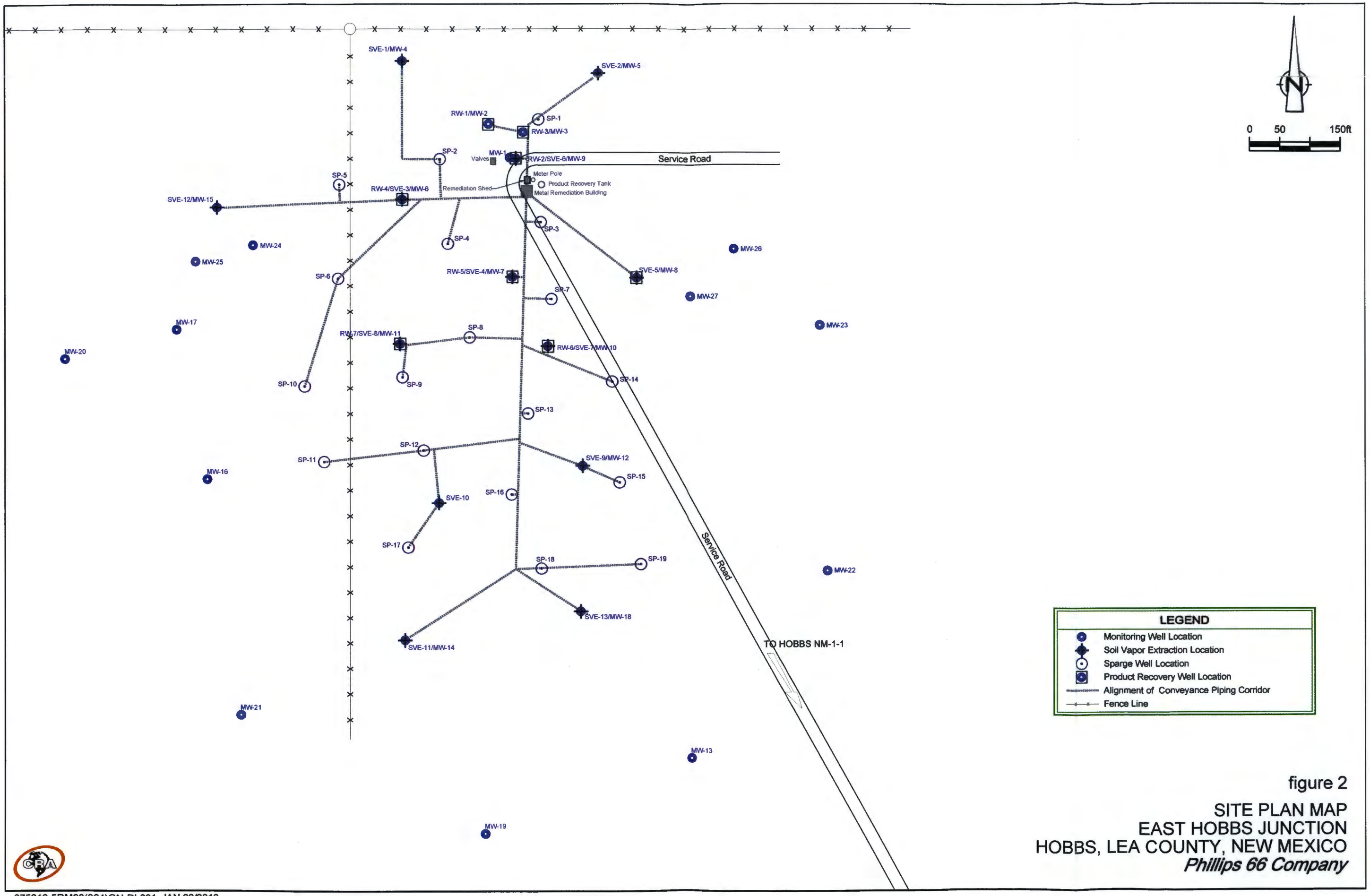
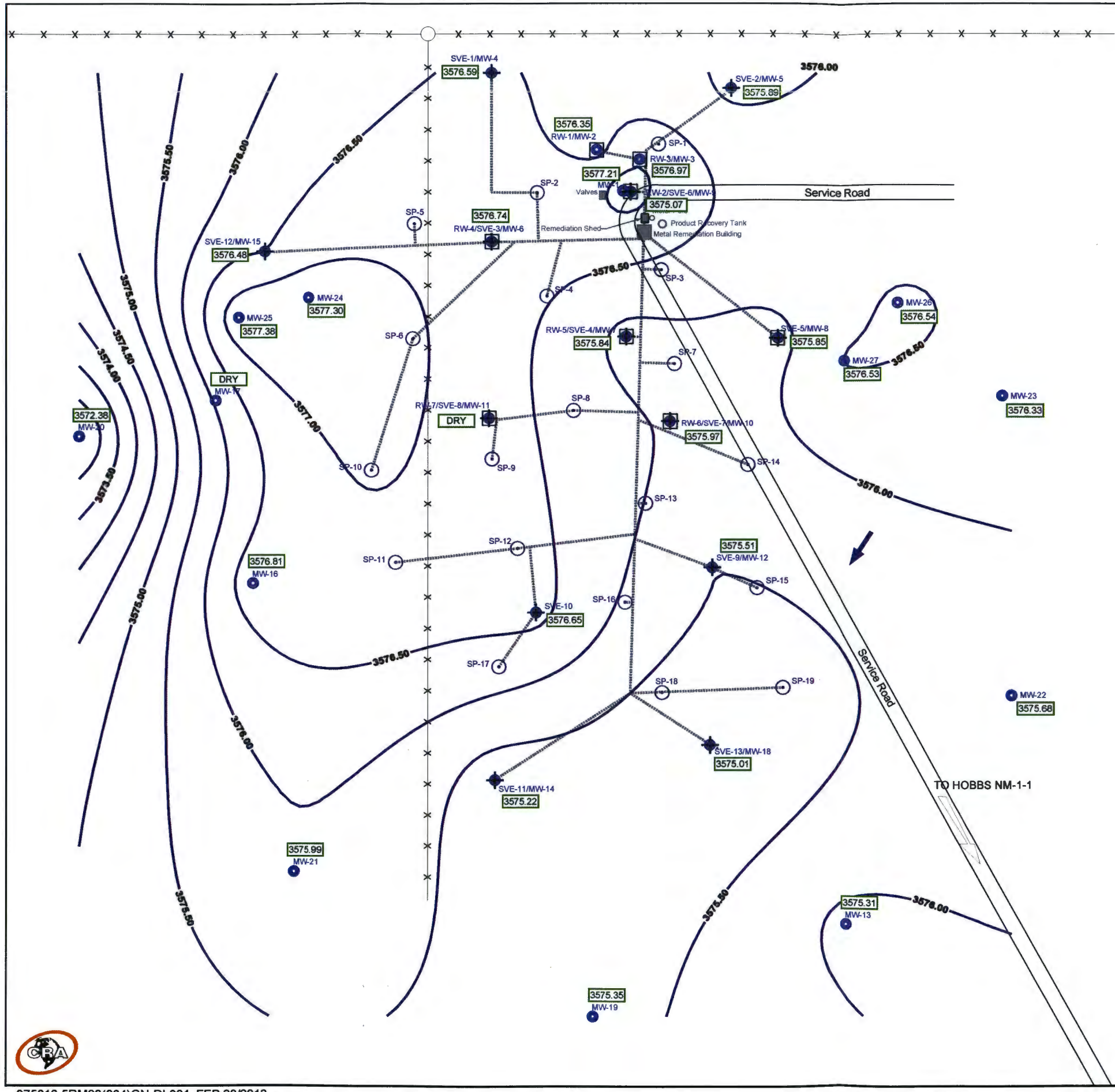


figure 2

SITE PLAN MAP
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

075016-5RM00(004)GN-DL001 JAN 26/2013



NOTES:

1. Groundwater elevations indicated are from measurements obtained on May 30, 2012.
2. The apparent groundwater gradient and direction of flow were determined to be approximately 0.0030 ft/ft to the west.

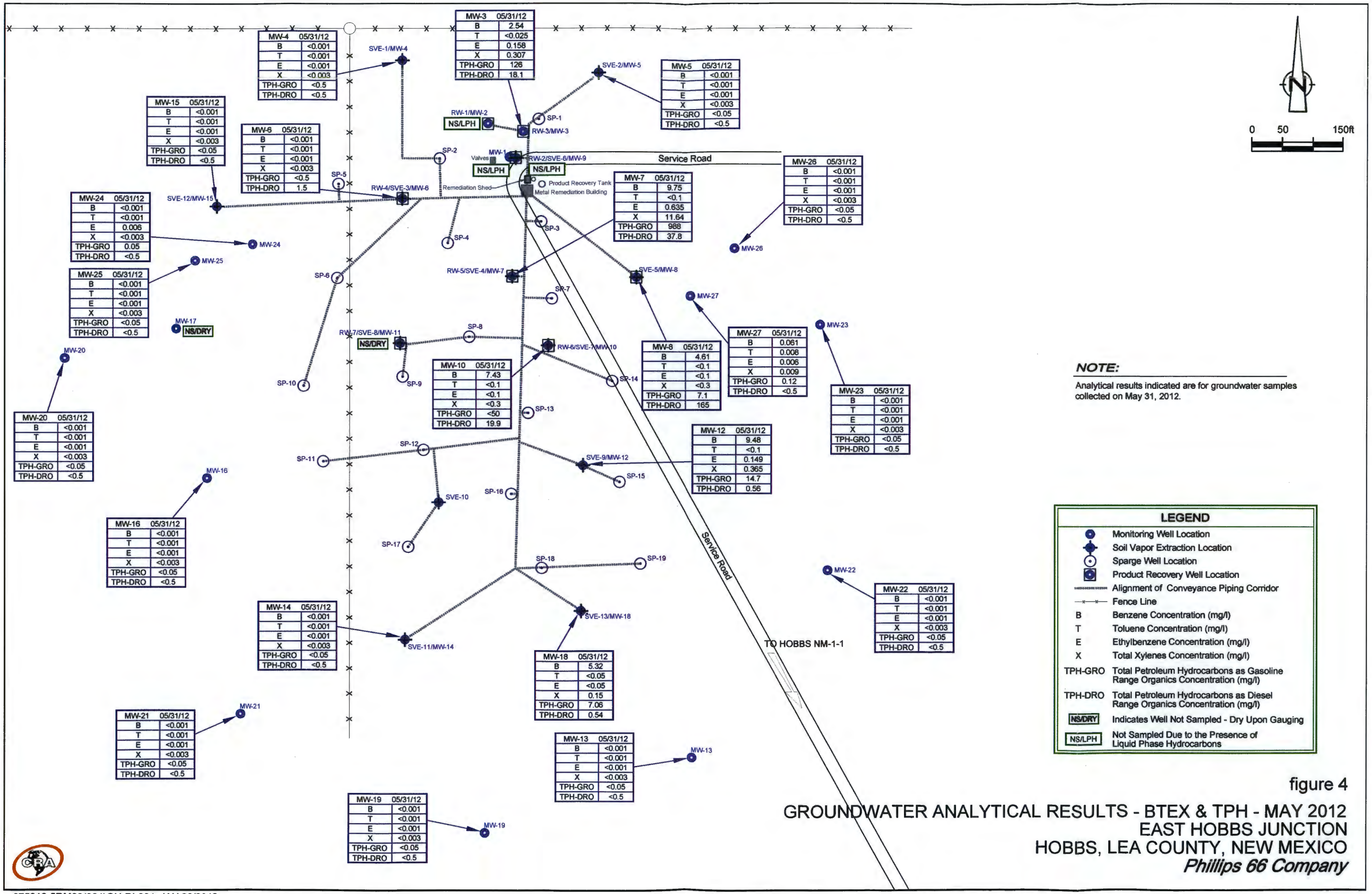
LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Location
- Sparge Well Location
- Product Recovery Well Location
- Alignment of Conveyance Piping Corridor
- Fence Line
- Groundwater Elevation Contour (Interval = 0.50 ft)
- 3577.21 Elevation of Groundwater (ft)
- Direction Of Groundwater Flow

figure 3

GROUNDWATER GRADIENT MAP - MAY 2012
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

075016-5RM00(004)GN-DL001 FEB 20/2013



NOTE:

Analytical results indicated are for groundwater samples collected on May 31, 2012.

LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Location
- Sparge Well Location
- Product Recovery Well Location
- Alignment of Conveyance Piping Corridor
- Fence Line
- B — Benzene Concentration (mg/l)
- T — Toluene Concentration (mg/l)
- E — Ethylbenzene Concentration (mg/l)
- X — Total Xylenes Concentration (mg/l)
- TPH-GRO — Total Petroleum Hydrocarbons as Gasoline Range Organics Concentration (mg/l)
- TPH-DRO — Total Petroleum Hydrocarbons as Diesel Range Organics Concentration (mg/l)
- NS/DRY — Indicates Well Not Sampled - Dry Upon Gauging
- NS/LPH — Not Sampled Due to the Presence of Liquid Phase Hydrocarbons

figure 4

GROUNDWATER ANALYTICAL RESULTS - BTEX & TPH - MAY 2012
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

075016-5RM00(004)GN-DL001 JAN 26/2013

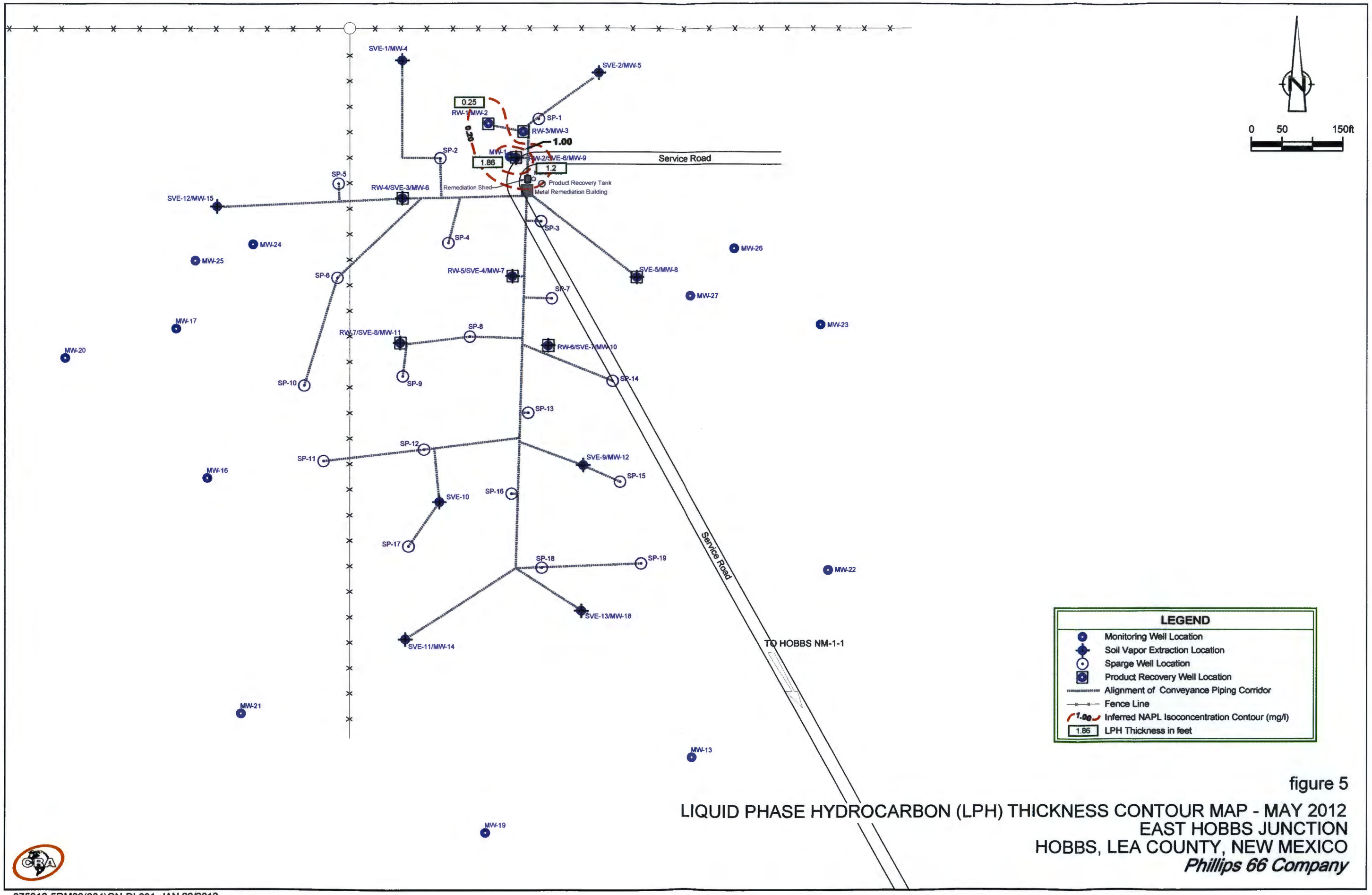


figure 5

LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP - MAY 2012
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

075016-5RM00(004)GN-DL001 JAN 26/2013

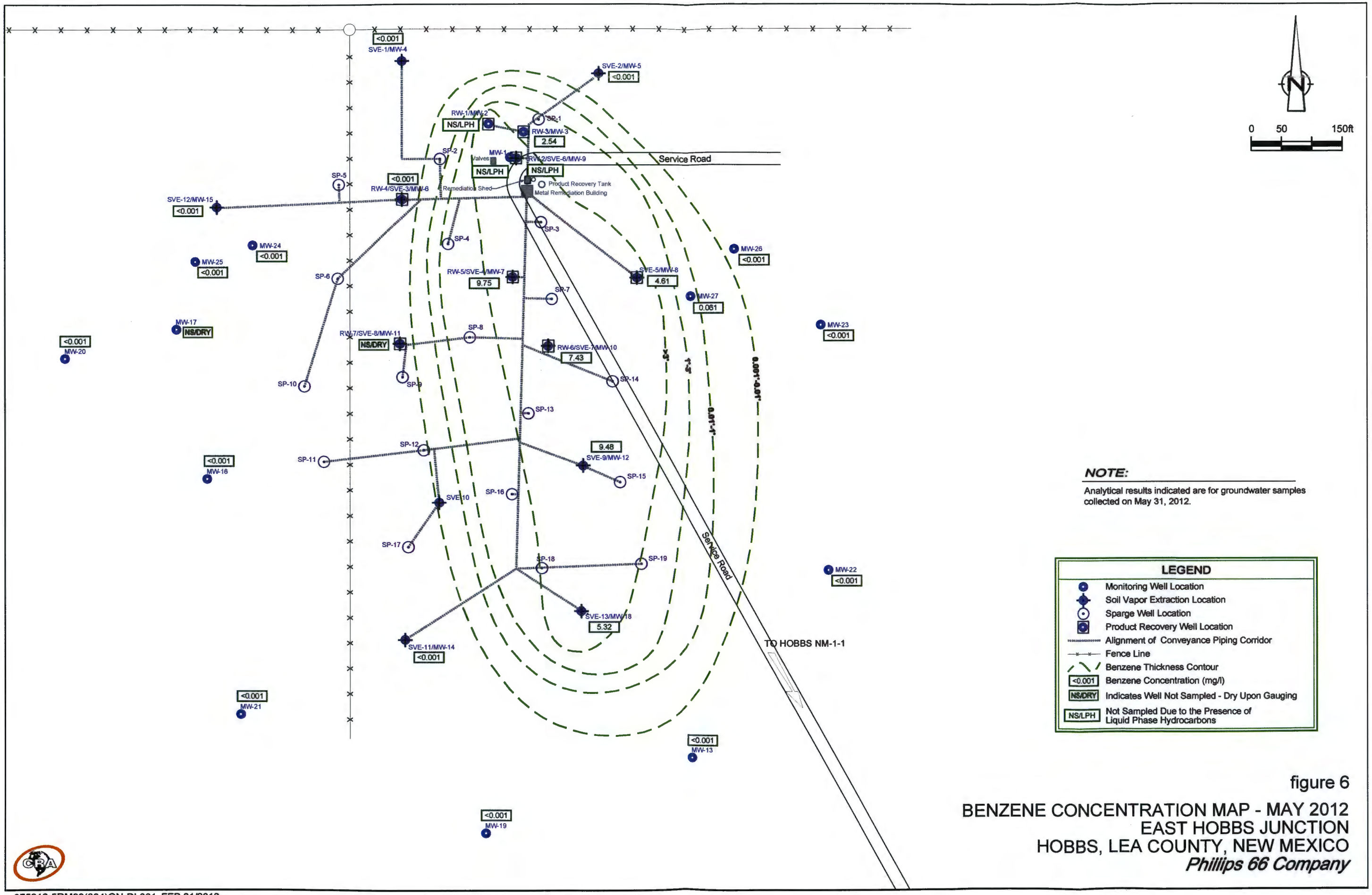
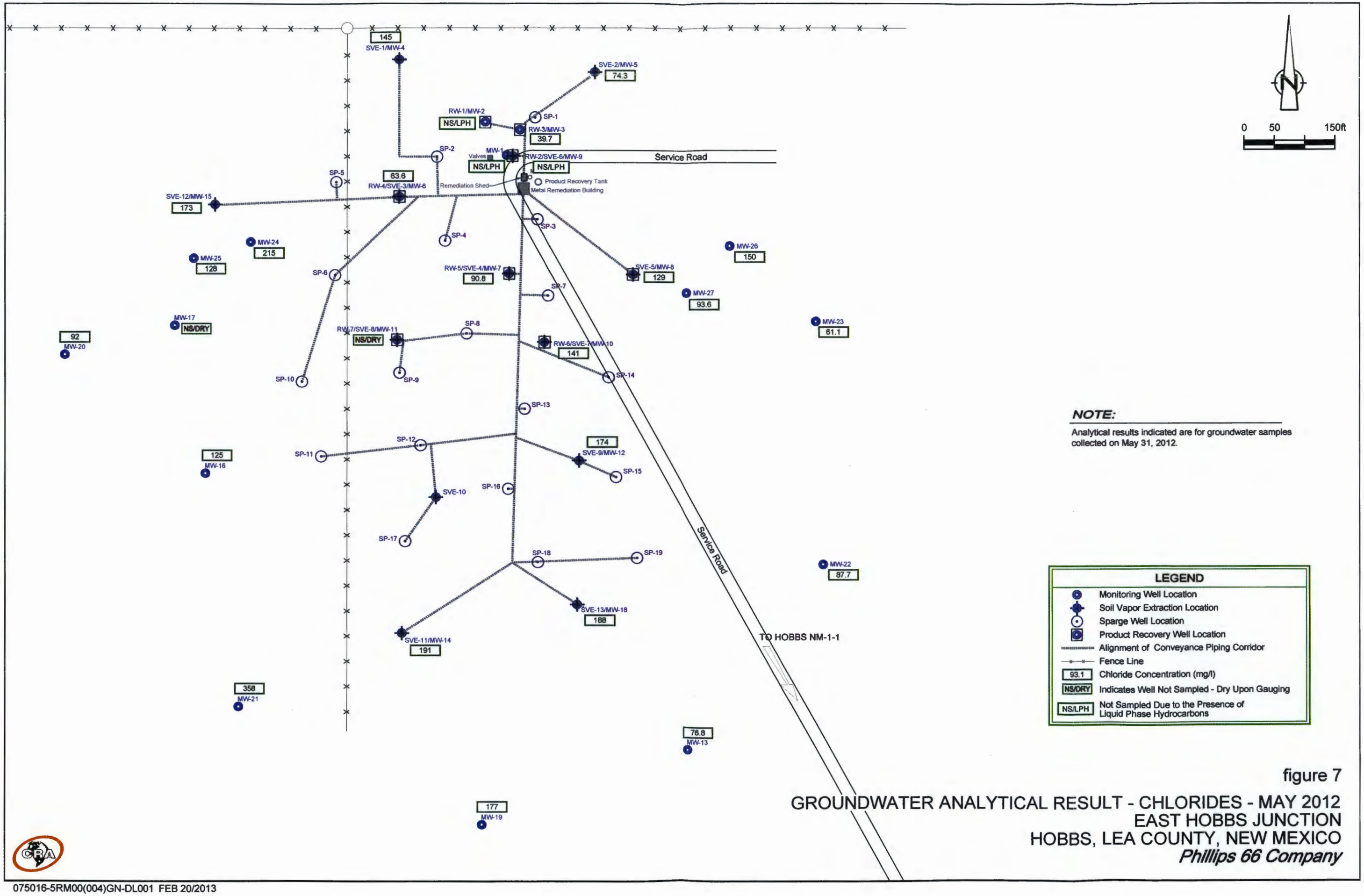


figure 6

BENZENE CONCENTRATION MAP - MAY 2012
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

075016-5RM00(004)GN-DL001 FEB 21/2013



NOTE:

Analytical results indicated are for groundwater samples collected on May 31, 2012.

figure 7

GROUNDWATER ANALYTICAL RESULT - CHLORIDES - MAY 2012
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO
Phillips 66 Company

075016-5RM00(004)GN-DL001 FEB 20/2013

TABLES

TABLE 1

WATER LEVEL MEASUREMENTS - JANUARY 2011 THROUGH DECEMBER 2012
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
MW-1	10/10/11	3606.28	29.92	27.95	1.97	1.58	28.34	3577.94
	05/30/12	3606.28	30.56	28.70	1.86	1.49	29.07	3577.21
MW-2	01/24/11	3606.45	29.60	28.32	1.28	1.02	28.58	3577.87
(RW-1)	03/01/11	3606.45	29.88		0.00	0.00	29.88	3576.57
	04/04/11	3606.45	30.12	28.51	1.61	1.29	28.83	3577.62
	04/05/11	3606.45	29.81	28.56	1.25	1.00	28.81	3577.64
	04/11/11	3606.45	29.98	28.58	1.40	1.12	28.86	3577.59
	04/18/11	3606.45	30.05	28.58	1.47	1.18	28.87	3577.58
	04/25/11	3606.45	30.07	28.56	1.51	1.21	28.86	3577.59
	05/02/11	3606.45	29.83	28.71	1.12	0.90	28.93	3577.52
	05/03/11	3606.45	29.70	28.70	1.00	0.80	28.90	3577.55
	05/09/11	3606.45	29.97	28.64	1.33	1.06	28.91	3577.54
	05/31/11	3606.45	30.16	28.66	1.50	1.20	28.96	3577.49
	06/06/11	3606.45	30.12	28.67	1.45	1.16	28.96	3577.49
	10/10/11	3606.45	30.17	28.80	1.37	1.10	29.07	3577.38
	05/30/12	3606.45	30.30	30.05	0.25	0.20	30.10	3576.35
MW-3	01/24/11	3606.33	28.09	28.08	0.01	0.01	28.08	3578.25
(RW-3)	04/18/11	3606.33	28.10	28.10	0.00	0.00	28.10	3578.23
	10/10/11	3606.33	28.60		0.00	0.00	28.60	3577.73
	05/30/12	3606.33	29.36		0.00	0.00	29.36	3576.97
MW-4	01/24/11	3606.37	28.32		0.00	0.00	28.32	3578.05
(SVE-1)	04/18/11	3606.37	28.62		0.00	0.00	28.62	3577.75
	10/10/11	3606.37	29.08		0.00	0.00	29.08	3577.29
	05/30/12	3606.37	29.78		0.00	0.00	29.78	3576.59
MW-5	01/25/10	3604.90	27.22		0.00	0.00	27.22	3577.68
(SVE-2)	04/26/10	3604.90	27.45		0.00	0.00	27.45	3577.45
	07/26/10	3604.90	27.21		0.00	0.00	27.21	3577.69
	10/25/10	3604.90	26.89		0.00	0.00	26.89	3578.01
	01/24/11	3604.90	27.34		0.00	0.00	27.34	3577.56
	04/18/11	3604.90	27.72		0.00	0.00	27.72	3577.18
	10/10/11	3604.90	28.25		0.00	0.00	28.25	3576.65
	05/30/12	3604.90	29.01		0.00	0.00	29.01	3575.89
MW-6	01/24/11	3606.17	28.27		0.00	0.00	28.27	3577.90
(RW-4)	04/18/11	3606.17	28.30		0.00	0.00	28.30	3577.87
	10/10/11	3606.17	28.78		0.00	0.00	28.78	3577.39
	05/30/12	3606.17	29.43		0.00	0.00	29.43	3576.74
MW-7	01/04/11	3605.50	28.29		0.00	0.00	28.29	3577.21
(RW-5)	01/10/11	3605.50	28.24		0.00	0.00	28.24	3577.26
	01/17/11	3605.50	28.28		0.00	0.00	28.28	3577.22
	01/24/11	3605.50	28.36	28.36	0.00	0.00	28.36	3577.14
	01/31/11	3605.50	28.32		0.00	0.00	28.32	3577.18
	02/07/11	3605.50	28.37		0.00	0.00	28.37	3577.13
	02/14/11	3605.50	28.46		0.00	0.00	28.46	3577.04
	03/01/11	3605.50	28.56		0.00	0.00	28.56	3576.94
	03/07/11	3605.50	28.55		0.00	0.00	28.55	3576.95

TABLE 1

WATER LEVEL MEASUREMENTS - JANUARY 2011 THROUGH DECEMBER 2012
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	03/21/11	3605.50	28.53		0.00	0.00	28.53	3576.97
	03/28/11	3605.50	28.60		0.00	0.00	28.60	3576.90
	04/18/11	3605.50	28.71		0.00	0.00	28.71	3576.79
	10/10/11	3605.50	28.92		0.00	0.00	28.92	3576.58
	05/30/12	3605.50	29.66		0.00	0.00	29.66	3575.84
MW-8	01/04/11	3604.92	27.54		0.00	0.00	27.54	3577.38
(SVE-5)	01/10/11	3604.92	27.44		0.00	0.00	27.44	3577.48
	01/17/11	3604.92	27.49		0.00	0.00	27.49	3577.43
	01/24/11	3604.92	27.67		0.00	0.00	27.67	3577.25
	01/31/11	3604.92	27.56		0.00	0.00	27.56	3577.36
	02/07/11	3604.92	27.62		0.00	0.00	27.62	3577.30
	02/14/11	3604.92	27.77		0.00	0.00	27.77	3577.15
	03/01/11	3604.92	27.75		0.00	0.00	27.75	3577.17
	03/07/11	3604.92	27.87		0.00	0.00	27.87	3577.05
	03/21/11	3604.92	27.79		0.00	0.00	27.79	3577.13
	03/28/11	3604.92	27.92		0.00	0.00	27.92	3577.00
	04/18/11	3604.92	28.01		0.00	0.00	28.01	3576.91
	10/10/11	3604.92	28.31		0.00	0.00	28.31	3576.61
	05/30/12	3604.92	29.07		0.00	0.00	29.07	3575.85
MW-9	01/24/11	3605.75	30.52	29.18	1.34	1.07	29.45	3576.30
(RW-2)	03/01/11	3605.75	30.67		0.00	0.00	30.67	3575.08
	03/01/11	3605.75	30.67		0.00	0.00	30.67	3575.08
	04/04/11	3605.75	30.99	29.35	1.64	1.31	29.68	3576.07
	04/05/11	3605.75	30.45	29.47	0.98	0.78	29.67	3576.08
	04/11/11	3605.75	30.81	29.58	1.23	0.98	29.83	3575.92
	04/18/11	3605.75	30.90	29.59	1.31	1.05	29.85	3575.90
	04/25/11	3605.75	30.80	29.52	1.28	1.02	29.78	3575.97
	05/02/11	3605.75	30.84	29.55	1.29	1.03	29.81	3575.94
	05/03/11	3605.75	30.16	29.91	0.25	0.20	29.96	3575.79
	05/09/11	3605.75	30.83	29.66	1.17	0.94	29.89	3575.86
	05/31/11	3605.75	30.99	29.96	1.03	0.82	30.17	3575.58
	06/06/11	3605.75	31.03	29.71	1.32	1.06	29.97	3575.78
	10/10/11	3605.75	31.40	29.61	1.79	1.43	29.97	3575.78
	05/30/12	3605.75	31.64	30.44	1.20	0.96	30.68	3575.07
MW-10	01/04/11	3604.94	27.45		0.00	0.00	27.45	3577.49
(RW-6)	01/10/11	3604.94	27.30		0.00	0.00	27.30	3577.64
	01/17/11	3604.94	27.36		0.00	0.00	27.36	3577.58
	01/24/11	3604.94	27.58		0.00	0.00	27.58	3577.36
	01/31/11	3604.94	27.43		0.00	0.00	27.43	3577.51
	02/07/11	3604.94	27.47		0.00	0.00	27.47	3577.47
	02/14/11	3604.94	27.66		0.00	0.00	27.66	3577.28
	03/01/11	3604.94	27.79		0.00	0.00	27.79	3577.15
	03/07/11	3604.94	27.75		0.00	0.00	27.75	3577.19
	03/21/11	3604.94	27.66		0.00	0.00	27.66	3577.28
	03/28/11	3604.94	27.80		0.00	0.00	27.80	3577.14

TABLE 1

WATER LEVEL MEASUREMENTS - JANUARY 2011 THROUGH DECEMBER 2012
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	04/18/11	3604.94	27.98		0.00	0.00	27.98	3576.96
	10/10/11	3604.94	28.23		0.00	0.00	28.23	3576.71
	05/30/12	3604.94	28.97		0.00	0.00	28.97	3575.97
MW-11	01/24/11	3608.06	31.36		0.00	0.00	31.36	3576.70
(RW-7)	04/18/11	3608.06	31.35		0.00	0.00	31.35	3576.71
	10/10/11	3608.06	31.86		0.00	0.00	31.86	3576.20
	05/30/12	3608.06	NM, dry		0.00	0.00		NM, dry
MW-12	01/24/11	3604.14	26.94		0.00	0.00	26.94	3577.20
(SVE-9)	04/18/11	3604.14	27.35		0.00	0.00	27.35	3576.79
	10/10/11	3604.14	27.89		0.00	0.00	27.89	3576.25
	05/30/12	3604.14	28.63		0.00	0.00	28.63	3575.51
MW-13	01/24/11	3604.31	27.21		0.00	0.00	27.21	3577.10
	04/18/11	3604.31	27.58		0.00	0.00	27.58	3576.73
	10/10/11	3604.31	28.19		0.00	0.00	28.19	3576.12
	05/30/12	3604.31	29.00		0.00	0.00	29.00	3575.31
MW-14	01/24/11	3603.77	27.03		0.00	0.00	27.03	3576.74
(SVE-11)	04/18/11	3603.77	27.36		0.00	0.00	27.36	3576.41
	10/10/11	3603.77	27.87		0.00	0.00	27.87	3575.90
	05/30/12	3603.77	28.55		0.00	0.00	28.55	3575.22
MW-15	01/24/11	3609.23	31.45		0.00	0.00	31.45	3577.78
(SVE-12)	04/18/11	3609.23	31.72		0.00	0.00	31.72	3577.51
	10/10/11	3609.23	32.12		0.00	0.00	32.12	3577.11
	05/30/12	3609.23	32.75		0.00	0.00	32.75	3576.48
MW-16	01/24/11	3606.31	28.19		0.00	0.00	28.19	3578.12
	04/18/11	3606.31	28.47		0.00	0.00	28.47	3577.84
	10/10/11	3606.31	28.87		0.00	0.00	28.87	3577.44
	05/30/12	3606.31	29.50		0.00	0.00	29.50	3576.81
MW-17	10/10/11	3610.03	NM, dry		0.00	0.00		NM, dry
	05/30/12	3610.33	NM, dry		0.00	0.00		NM, dry
MW-18	01/24/11	3605.34	27.21		0.00	0.00	27.21	3578.13
(SVE-13)	04/18/11	3605.34	27.05		0.00	0.00	27.05	3578.29
	10/10/11	3605.34	29.60		0.00	0.00	29.60	3575.74
	05/30/12	3605.34	30.33		0.00	0.00	30.33	3575.01
MW-19	01/24/11	3606.69	29.80		0.00	0.00	29.80	3576.89
	04/18/11	3606.69	30.11		0.00	0.00	30.11	3576.58
	10/10/11	3606.69	30.63		0.00	0.00	30.63	3576.06
	05/30/12	3606.69	31.34		0.00	0.00	31.34	3575.35
MW-20	01/24/11	3606.50	32.92		0.00	0.00	32.92	3573.58
	04/18/11	3606.50	33.18		0.00	0.00	33.18	3573.32
	10/10/11	3606.50	33.55		0.00	0.00	33.55	3572.95
	05/30/12	3606.50	34.12		0.00	0.00	34.12	3572.38
MW-21	01/24/11	3603.51	25.16		0.00	0.00	25.16	3578.35
	04/18/11	3603.51	26.45		0.00	0.00	26.45	3577.06
	10/10/11	3603.51	26.90		0.00	0.00	26.90	3576.61
	05/30/12	3603.51	27.52		0.00	0.00	27.52	3575.99

TABLE 1

WATER LEVEL MEASUREMENTS - JANUARY 2011 THROUGH DECEMBER 2012
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
MW-22	01/24/11	3603.27	25.72		0.00	0.00	25.72	3577.55
	04/18/11	3603.27	26.10		0.00	0.00	26.10	3577.17
	10/10/11	3603.27	26.75		0.00	0.00	26.75	3576.52
	05/30/12	3603.27	27.59		0.00	0.00	27.59	3575.68
MW-23	01/24/11	3604.62	26.45		0.00	0.00	26.45	3578.17
	04/18/11	3604.62	26.82		0.00	0.00	26.82	3577.80
	10/10/11	3604.62	27.45		0.00	0.00	27.45	3577.17
	05/30/12	3604.62	28.29		0.00	0.00	28.29	3576.33
MW-24	01/24/11	3608.89	30.24		0.00	0.00	30.24	3578.65
	04/18/11	3608.89	30.51		0.00	0.00	30.51	3578.38
	10/10/11	3608.89	30.92		0.00	0.00	30.92	3577.97
	05/30/12	3608.89	31.59		0.00	0.00	31.59	3577.30
MW-25	01/24/11	3609.81	31.14		0.00	0.00	31.14	3578.67
	04/18/11	3609.81	31.40		0.00	0.00	31.40	3578.41
	10/10/11	3609.81	31.79		0.00	0.00	31.79	3578.02
	05/30/12	3609.81	32.43		0.00	0.00	32.43	3577.38
MW-26	01/24/11	3604.86	26.61		0.00	0.00	26.61	3578.25
	04/18/11	3604.86	26.94		0.00	0.00	26.94	3577.92
	10/10/11	3604.86	27.51		0.00	0.00	27.51	3577.35
	05/30/12	3604.86	28.32		0.00	0.00	28.32	3576.54
MW-27	01/24/11	3604.99	26.77		0.00	0.00	26.77	3578.22
	04/18/11	3604.99	27.10		0.00	0.00	27.10	3577.89
	10/10/11	3604.99	27.67		0.00	0.00	27.67	3577.32
	05/30/12	3604.99	28.46		0.00	0.00	28.46	3576.53
SVE-10	01/24/11	3605.12	27.19		0.00	0.00	27.19	3577.93
	04/18/11	3605.12	27.47		0.00	0.00	27.47	3577.65
	10/10/11	3605.12	27.95		0.00	0.00	27.95	3577.17
	05/30/12	3605.12	28.47		0.00	0.00	28.47	3576.65

Notes:
LNAPL = Light Non-Aqueous Phase Liquid
NM = Not Measured
Blank Fields Indicate No Data
Same Measurements of L.P.H. and Water Indicate a Sheen is Present

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
MW-1	03/01/01	3606.28	27.14	24.19	2.95	2.36	24.78	3581.50
	06/25/01	3606.28	NM		0.00	0.00		
	09/25/01	3606.28	NM		0.00	0.00		
	12/11/01	3606.28	NM		0.00	0.00		
	05/22/02	3606.28	27.85	25.39	2.46	1.97	25.88	3580.40
	04/18/05	3606.28	24.29		0.00	0.00	24.29	3581.99
	07/18/05	3606.28	24.31		0.00	0.00	24.31	3581.97
	10/17/05	3606.28	24.23		0.00	0.00	24.23	3582.05
	01/23/06	3606.28	24.42		0.00	0.00	24.42	3581.86
	04/24/06	3606.28	24.80	24.80	0.00	0.00	24.80	3581.48
	10/10/11	3606.28	29.92	27.95	1.97	1.58	28.34	3577.94
	05/30/12	3606.28	30.56	28.70	1.86	1.49	29.07	3577.21
MW-2 (RW-1)	03/01/01	3606.45	26.88	24.29	2.59	2.07	24.81	3581.64
	06/25/01	3606.45	26.67	25.73	0.94	0.75	25.92	3580.53
	09/25/01	3606.45	26.59	26.04	0.55	0.44	26.15	3580.30
	12/11/01	3606.45	28.20	25.73	2.47	1.98	26.22	3580.23
	05/22/02	3606.45	28.00	26.33	1.67	1.34	26.66	3579.79
	11/05/02	3606.45	28.73	24.67	4.06	3.25	25.48	3580.97
	02/25/03	3606.45	29.30	26.55	2.75	2.20	27.10	3579.35
	04/09/03	3606.45	28.41	26.41	2.00	1.60	26.81	3579.64
	06/25/03	3606.45	28.55	26.58	1.97	1.58	26.97	3579.48
	09/11/03	3606.45	28.60	26.62	1.98	1.58	27.02	3579.43
	11/05/03	3606.45	28.74	26.95	1.79	1.43	27.31	3579.14
	01/19/04	3606.45	28.42	27.35	1.07	0.86	27.56	3578.89
	04/20/04	3606.45	28.24	27.47	0.77	0.62	27.62	3578.83
	07/20/04	3606.45	28.97	27.74	1.23	0.98	27.99	3578.46
	10/25/04	3606.45	25.39	25.20	0.19	0.15	25.24	3581.21
	01/24/05	3606.45	25.42		0.00	0.00	25.42	3581.03
	02/14/05	3606.45	25.35		0.00	0.00	25.35	3581.10
	03/02/05	3606.45	25.31		0.00	0.00	25.31	3581.14
	03/08/05	3606.45	25.28		0.00	0.00	25.28	3581.17
	03/23/05	3606.45	25.21		0.00	0.00	25.21	3581.24
	04/18/05	3606.45	25.11	25.10	0.01	0.01	25.10	3581.35
	05/09/05	3606.45	25.12		0.00	0.00	25.12	3581.33
	06/10/05	3606.45	25.08		0.00	0.00	25.08	3581.37
	07/18/05	3606.45	25.10	25.10	0.00	0.00	25.10	3581.35
	10/17/05	3606.45	25.00	24.88	0.12	0.10	24.90	3581.55
	12/28/05	3606.45	25.15		0.00	0.00	25.15	3581.30
	01/10/06	3606.45	25.20	25.19	0.01	0.01	25.19	3581.26
	01/23/06	3606.45	25.21	25.17	0.04	0.03	25.18	3581.27
	04/24/06	3606.45	25.58	25.56	0.02	0.02	25.56	3580.89
	07/24/06	3606.45	25.95	25.91	0.04	0.03	25.92	3580.53
	10/23/06	3606.45	25.79		0.00	0.00	25.79	3580.66
	01/23/07	3606.45	25.83	25.82	0.01	0.01	25.82	3580.63
	04/23/07	3606.45	26.27	26.11	0.16	0.13	26.14	3580.31
	07/23/07	3606.45	26.38	26.25	0.13	0.10	26.28	3580.17

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	10/22/07	3606.45	26.38	26.29	0.09	0.07	26.31	3580.14
	01/28/08	3606.45	26.39	26.32	0.07	0.06	26.33	3580.12
	04/21/08	3606.45	26.62	26.54	0.08	0.06	26.56	3579.89
	07/21/08	3606.45	26.91	26.83	0.08	0.06	26.85	3579.60
	10/20/08	3606.45	27.11	27.00	0.11	0.09	27.02	3579.43
	01/19/09	3606.45	27.25		0.00	0.00	27.25	3579.20
	04/20/09	3606.45	27.49	27.48	0.01	0.01	27.48	3578.97
	07/27/09	3606.45	27.78		0.00	0.00	27.78	3578.67
	10/26/09	3606.45	27.95		0.00	0.00	27.95	3578.50
	01/25/10	3606.45	28.16		0.00	0.00	28.16	3578.29
	04/26/10	3606.45	29.34	28.10	1.24	0.99	28.35	3578.10
	07/26/10	3606.45	28.95	27.86	1.09	0.87	28.08	3578.37
	10/25/10	3606.45	27.87	27.78	0.09	0.07	27.80	3578.65
	01/24/11	3606.45	29.60	28.32	1.28	1.02	28.58	3577.87
	03/01/11	3606.45	29.88		0.00	0.00	29.88	3576.57
	04/04/11	3606.45	30.12	28.51	1.61	1.29	28.83	3577.62
	04/05/11	3606.45	29.81	28.56	1.25	1.00	28.81	3577.64
	04/11/11	3606.45	29.98	28.58	1.40	1.12	28.86	3577.59
	04/18/11	3606.45	30.05	28.58	1.47	1.18	28.87	3577.58
	04/25/11	3606.45	30.07	28.56	1.51	1.21	28.86	3577.59
	05/02/11	3606.45	29.83	28.71	1.12	0.90	28.93	3577.52
	05/03/11	3606.45	29.70	28.70	1.00	0.80	28.90	3577.55
	05/09/11	3606.45	29.97	28.64	1.33	1.06	28.91	3577.54
	05/31/11	3606.45	30.16	28.66	1.50	1.20	28.96	3577.49
	06/06/11	3606.45	30.12	28.67	1.45	1.16	28.96	3577.49
	10/10/11	3606.45	30.17	28.80	1.37	1.10	29.07	3577.38
	05/30/12	3606.45	30.30	30.05	0.25	0.20	30.10	3576.35
MW-3	03/01/01	3606.33	26.92	24.19	2.73	2.18	24.74	3581.59
(RW-3)	06/25/01	3606.33	27.01	24.91	2.10	1.68	25.33	3581.00
	09/25/01	3606.33	27.52	25.09	2.43	1.94	25.58	3580.75
	12/11/01	3606.33	27.70	25.29	2.41	1.93	25.77	3580.56
	11/05/02	3606.33	28.14	26.13	2.01	1.61	26.53	3579.80
	02/25/03	3606.33	29.55	26.34	3.21	2.57	26.98	3579.35
	04/09/03	3606.33	29.02	26.24	2.78	2.22	26.80	3579.53
	06/25/03	3606.33	28.06	26.47	1.59	1.27	26.79	3579.54
	09/11/03	3606.33	28.72	26.89	1.83	1.46	27.26	3579.07
	11/05/03	3606.33	28.45	26.85	1.60	1.28	27.17	3579.16
	01/19/04	3606.33	28.86	26.95	1.91	1.53	27.33	3579.00
	04/20/04	3606.33	28.64	27.19	1.45	1.16	27.48	3578.85
	07/20/04	3606.33	28.53	27.26	1.27	1.02	27.51	3578.82
	10/25/04	3606.33	25.78	25.77	0.01	0.01	25.77	3580.56
	01/24/05	3606.33	24.93	24.91	0.02	0.02	24.91	3581.42
	02/14/05	3606.33	24.83		0.00	0.00	24.83	3581.50
	03/02/05	3606.33	24.78		0.00	0.00	24.78	3581.55
	03/08/05	3606.33	24.76		0.00	0.00	24.76	3581.57
	03/23/05	3606.33	24.69		0.00	0.00	24.69	3581.64

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	04/18/05	3606.33	24.56	24.55	0.01	0.01	24.55	3581.78
	05/09/05	3606.33	24.58		0.00	0.00	24.58	3581.75
	06/10/05	3606.33	24.56		0.00	0.00	24.56	3581.77
	07/18/05	3606.33	24.57	24.55	0.02	0.02	24.55	3581.78
	10/17/05	3606.33	24.47		0.00	0.00	24.47	3581.86
	12/28/05	3606.33	24.63		0.00	0.00	24.63	3581.70
	01/10/06	3606.33	24.69		0.00	0.00	24.69	3581.64
	01/23/06	3606.33	24.66	24.47	0.19	0.15	24.51	3581.82
	04/24/06	3606.33	25.10	25.03	0.07	0.06	25.04	3581.29
	07/24/06	3606.33	25.39	25.39	0.00	0.00	25.39	3580.94
	10/23/06	3606.33	25.28	25.28	0.00	0.00	25.28	3581.05
	01/23/07	3606.33	25.32	25.31	0.01	0.01	25.31	3581.02
	04/23/07	3606.33	25.65	25.61	0.04	0.03	25.62	3580.71
	07/23/07	3606.33	25.77	25.74	0.03	0.02	25.75	3580.58
	10/22/07	3606.33	25.78	25.78	0.00	0.00	25.78	3580.55
	01/28/08	3606.33	25.82	25.81	0.01	0.01	25.81	3580.52
	04/21/08	3606.33	26.05		0.00	0.00	26.05	3580.28
	07/21/08	3606.33	26.34		0.00	0.00	26.34	3579.99
	10/20/08	3606.33	26.61		0.00	0.00	26.61	3579.72
	01/19/09	3606.33	26.76	26.75	0.01	0.01	26.75	3579.58
	04/20/09	3606.33	27.00	26.99	0.01	0.01	26.99	3579.34
	07/27/09	3606.33	27.29		0.00	0.00	27.29	3579.04
	10/26/09	3606.33	27.45		0.00	0.00	27.45	3578.88
	01/25/10	3606.33	27.58		0.00	0.00	27.58	3578.75
	04/26/10	3606.33	27.89		0.00	0.00	27.89	3578.44
	07/26/10	3606.33	27.63		0.00	0.00	27.63	3578.70
	10/25/10	3606.33	27.45	27.43	0.02	0.02	27.43	3578.90
	01/24/11	3606.33	28.09	28.08	0.01	0.01	28.08	3578.25
	04/18/11	3606.33	28.10	28.10	0.00	0.00	28.10	3578.23
	10/10/11	3606.33	28.60		0.00	0.00	28.60	3577.73
	05/30/12	3606.33	29.36		0.00	0.00	29.36	3576.97
MW-4	03/01/01	3606.69	24.60		0.00	0.00	24.60	3582.09
(SVE-1)	06/25/01	3606.69	25.14		0.00	0.00	25.14	3581.55
	09/25/01	3606.69	25.36		0.00	0.00	25.36	3581.33
	12/11/01	3606.69	24.54		0.00	0.00	24.54	3582.15
	05/21/02	3606.69	25.95		0.00	0.00	25.95	3580.74
	06/08/02	3606.69	26.00		0.00	0.00	26.00	3580.69
	06/15/02	3606.69	26.00		0.00	0.00	26.00	3580.69
	10/15/02	3606.37	26.86		0.00	0.00	26.86	3579.51
	10/25/02	3606.37	26.90		0.00	0.00	26.90	3579.47
	10/26/02	3606.37	26.89		0.00	0.00	26.89	3579.48
	11/04/02	3606.37	26.86		0.00	0.00	26.86	3579.51
	11/05/02	3606.37	26.80		0.00	0.00	26.80	3579.57
	12/16/02	3606.37	26.80		0.00	0.00	26.80	3579.57
	01/22/03	3606.37	26.68		0.00	0.00	26.68	3579.69
	02/14/03	3606.37	26.88		0.00	0.00	26.88	3579.49

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	02/24/03	3606.37	26.90		0.00	0.00	26.90	3579.47
	04/07/03	3606.37	27.00		0.00	0.00	27.00	3579.37
	04/24/03	3606.37	26.98		0.00	0.00	26.98	3579.39
	07/15/03	3606.37	27.09		0.00	0.00	27.09	3579.28
	09/11/03	3606.37	27.23		0.00	0.00	27.23	3579.14
	10/15/03	3606.37	27.25		0.00	0.00	27.25	3579.12
	01/19/04	3606.37	27.71		0.00	0.00	27.71	3578.66
	04/19/04	3606.37	27.64		0.00	0.00	27.64	3578.73
	07/20/04	3606.37	27.90		0.00	0.00	27.90	3578.47
	10/25/04	3606.37	26.21		0.00	0.00	26.21	3580.16
	01/24/05	3606.37	25.42		0.00	0.00	25.42	3580.95
	04/18/05	3606.37	25.10		0.00	0.00	25.10	3581.27
	07/18/05	3606.37	25.06		0.00	0.00	25.06	3581.31
	10/17/05	3606.37	24.90		0.00	0.00	24.90	3581.47
	01/23/06	3606.37	25.11		0.00	0.00	25.11	3581.26
	04/24/06	3606.37	25.47		0.00	0.00	25.47	3580.90
	07/24/06	3606.37	25.82		0.00	0.00	25.82	3580.55
	10/23/06	3606.37	25.69		0.00	0.00	25.69	3580.68
	01/23/07	3606.37	25.76		0.00	0.00	25.76	3580.61
	04/23/07	3606.37	26.05		0.00	0.00	26.05	3580.32
	07/23/07	3606.37	26.18		0.00	0.00	26.18	3580.19
	10/22/07	3606.37	26.25		0.00	0.00	26.25	3580.12
	01/28/08	3606.37	26.28		0.00	0.00	26.28	3580.09
	04/21/08	3606.37	26.47		0.00	0.00	26.47	3579.90
	07/21/08	3606.37	26.74		0.00	0.00	26.74	3579.63
	10/20/08	3606.37	27.15		0.00	0.00	27.15	3579.22
	01/19/09	3606.37	27.27		0.00	0.00	27.27	3579.10
	04/20/09	3606.37	27.50		0.00	0.00	27.50	3578.87
	07/27/09	3606.37	27.80		0.00	0.00	27.80	3578.57
	10/26/09	3606.37	27.94		0.00	0.00	27.94	3578.43
	01/25/10	3606.37	28.12		0.00	0.00	28.12	3578.25
	04/26/10	3606.37	28.39		0.00	0.00	28.39	3577.98
	07/26/10	3606.37	28.12		0.00	0.00	28.12	3578.25
	10/25/10	3606.37	28.02		0.00	0.00	28.02	3578.35
	01/24/11	3606.37	28.32		0.00	0.00	28.32	3578.05
	04/18/11	3606.37	28.62		0.00	0.00	28.62	3577.75
	10/10/11	3606.37	29.08		0.00	0.00	29.08	3577.29
	05/30/12	3606.37	29.78		0.00	0.00	29.78	3576.59
MW-5 (SVE-2)	03/01/01	3605.52	24.03		0.00	0.00	24.03	3581.49
	06/25/01	3605.52	24.23		0.00	0.00	24.23	3581.29
	09/25/01	3605.52	24.48		0.00	0.00	24.48	3581.04
	12/11/01	3605.52	24.68		0.00	0.00	24.68	3580.84
	05/21/02	3605.52	25.12		0.00	0.00	25.12	3580.40
	06/08/02	3605.52	25.13		0.00	0.00	25.13	3580.39
	06/15/02	3605.52	25.13		0.00	0.00	25.13	3580.39
	10/15/02	3604.90	26.20		0.00	0.00	26.20	3578.70

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	10/25/02	3604.90	26.19		0.00	0.00	26.19	3578.71
	10/26/02	3604.90	26.21		0.00	0.00	26.21	3578.69
	11/04/02	3604.90	26.08		0.00	0.00	26.08	3578.82
	11/05/02	3604.90	26.02		0.00	0.00	26.02	3578.88
	12/16/02	3604.90	26.06		0.00	0.00	26.06	3578.84
	01/22/03	3604.90	25.81		0.00	0.00	25.81	3579.09
	02/08/03	3604.90	25.91		0.00	0.00	25.91	3578.99
	02/14/03	3604.90	25.89		0.00	0.00	25.89	3579.01
	02/24/03	3604.90	25.96		0.00	0.00	25.96	3578.94
	04/07/03	3604.90	26.06		0.00	0.00	26.06	3578.84
	04/24/03	3604.90	26.05		0.00	0.00	26.05	3578.85
	07/15/03	3604.90	26.38		0.00	0.00	26.38	3578.52
	09/11/03	3604.90	26.43		0.00	0.00	26.43	3578.47
	10/15/03	3604.90	26.70		0.00	0.00	26.70	3578.20
	01/19/04	3604.90	27.06		0.00	0.00	27.06	3577.84
	04/19/04	3604.90	26.93		0.00	0.00	26.93	3577.97
	07/20/04	3604.90	27.17		0.00	0.00	27.17	3577.73
	10/25/04	3604.90	25.22		0.00	0.00	25.22	3579.68
	01/24/05	3604.90	24.52		0.00	0.00	24.52	3580.38
	04/18/05	3604.90	24.11		0.00	0.00	24.11	3580.79
	07/18/05	3604.90	24.18		0.00	0.00	24.18	3580.72
	10/17/05	3604.90	24.00		0.00	0.00	24.00	3580.90
	01/23/06	3604.90	24.24		0.00	0.00	24.24	3580.66
	04/24/06	3604.90	24.66		0.00	0.00	24.66	3580.24
	07/24/06	3604.90	25.03		0.00	0.00	25.03	3579.87
	10/23/06	3604.90	24.91		0.00	0.00	24.91	3579.99
	01/23/07	3604.90	24.90		0.00	0.00	24.90	3580.00
	04/23/07	3604.90	25.22		0.00	0.00	25.22	3579.68
	07/23/07	3604.90	25.35		0.00	0.00	25.35	3579.55
	10/22/07	3604.90	25.35		0.00	0.00	25.35	3579.55
	01/28/08	3604.90	25.38		0.00	0.00	25.38	3579.52
	04/21/08	3604.90	25.64		0.00	0.00	25.64	3579.26
	07/21/08	3604.90	25.95		0.00	0.00	25.95	3578.95
	10/20/08	3604.90	26.21		0.00	0.00	26.21	3578.69
	01/19/09	3604.90	26.23		0.00	0.00	26.23	3578.67
	04/20/09	3604.90	26.59		0.00	0.00	26.59	3578.31
	07/27/09	3604.90	26.78		0.00	0.00	26.78	3578.12
	10/26/09	3604.90	26.92		0.00	0.00	26.92	3577.98
	01/25/10	3604.90	27.22		0.00	0.00	27.22	3577.68
	04/26/10	3604.90	27.45		0.00	0.00	27.45	3577.45
	07/26/10	3604.90	27.21		0.00	0.00	27.21	3577.69
	10/25/10	3604.90	26.89		0.00	0.00	26.89	3578.01
	01/24/11	3604.90	27.34		0.00	0.00	27.34	3577.56
	04/18/11	3604.90	27.72		0.00	0.00	27.72	3577.18
	10/10/11	3604.90	28.25		0.00	0.00	28.25	3576.65
	05/30/12	3604.90	29.01		0.00	0.00	29.01	3575.89

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
MW-6	03/01/01	3606.14	25.54	24.51	1.03	0.82	24.72	3581.42
(RW-4)	06/25/01	3606.14	26.88	24.42	2.46	1.97	24.91	3581.23
	09/25/01	3606.14	25.96	25.93	0.03	0.02	25.94	3580.20
	12/11/01	3606.14	27.64	25.66	1.98	1.58	26.06	3580.08
	06/25/03	3606.14	28.31	26.78	1.53	1.22	27.09	3579.05
	09/11/03	3606.14	28.46	26.83	1.63	1.30	27.16	3578.98
	11/05/03	3606.14	28.02	27.19	0.83	0.66	27.36	3578.78
	01/19/04	3606.14	28.41	27.36	1.05	0.84	27.57	3578.57
	04/20/04	3606.14	27.96	27.63	0.33	0.26	27.70	3578.44
	07/20/04	3606.14	28.38	28.01	0.37	0.30	28.08	3578.06
	10/25/04	3606.14	26.22	26.21	0.01	0.01	26.21	3579.93
	01/24/05	3606.14	25.17		0.00	0.00	25.17	3580.97
	02/14/05	3606.14	25.11		0.00	0.00	25.11	3581.03
	03/02/05	3606.14	25.06	25.05	0.01	0.01	25.05	3581.09
	03/08/05	3606.14	25.02		0.00	0.00	25.02	3581.12
	03/23/05	3606.14	24.97		0.00	0.00	24.97	3581.17
	04/18/05	3606.14	24.86		0.00	0.00	24.86	3581.28
	05/09/05	3606.14	24.87		0.00	0.00	24.87	3581.27
	06/10/05	3606.14	24.83		0.00	0.00	24.83	3581.31
	07/18/05	3606.14	24.84		0.00	0.00	24.84	3581.30
	10/17/05	3606.14	24.75		0.00	0.00	24.75	3581.39
	12/28/05	3606.14	24.90		0.00	0.00	24.90	3581.24
	01/10/06	3606.14	24.96		0.00	0.00	24.96	3581.18
	01/23/06	3606.14	24.94		0.00	0.00	24.94	3581.20
	04/24/06	3606.14	25.31	25.31	0.00	0.00	25.31	3580.83
	07/24/06	3606.14	25.66	25.66	0.00	0.00	25.66	3580.48
	10/22/06	3606.14	25.54	25.54	0.00	0.00	25.54	3580.60
	01/23/07	3606.14	25.60	25.60	0.00	0.00	25.60	3580.54
	04/23/07	3606.14	25.88		0.00	0.00	25.88	3580.26
	07/23/07	3606.17	26.02	26.02	0.00	0.00	26.02	3580.15
	10/22/07	3606.17	26.07	26.07	0.00	0.00	26.07	3580.10
	01/28/08	3606.17	26.11	26.10	0.01	0.01	26.10	3580.07
	04/21/08	3606.17	26.32		0.00	0.00	26.32	3579.85
	07/21/08	3606.17	26.60		0.00	0.00	26.60	3579.57
	10/20/08	3606.17	26.83		0.00	0.00	26.83	3579.34
	01/19/09	3606.17	26.97	26.96	0.01	0.01	26.96	3579.21
	04/20/09	3606.17	27.20		0.00	0.00	27.20	3578.97
	07/27/09	3606.17	27.50		0.00	0.00	27.50	3578.67
	10/26/09	3606.17	27.64		0.00	0.00	27.64	3578.53
	01/25/10	3606.17	27.85		0.00	0.00	27.85	3578.32
	04/26/10	3606.17	28.08		0.00	0.00	28.08	3578.09
	07/26/10	3606.17	27.83		0.00	0.00	27.83	3578.34
	10/25/10	3606.17	27.64		0.00	0.00	27.64	3578.53
	01/24/11	3606.17	28.27		0.00	0.00	28.27	3577.90
	04/18/11	3606.17	28.30		0.00	0.00	28.30	3577.87

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	10/10/11	3606.17	28.78		0.00	0.00	28.78	3577.39
	05/30/12	3606.17	29.43		0.00	0.00	29.43	3576.74
MW-7	03/01/01	3605.50	26.61	23.73	2.88	2.30	24.31	3581.19
(RW-5)	06/25/01	3605.50	25.35	25.30	0.05	0.04	25.31	3580.19
	09/25/01	3605.50	26.05	25.41	0.64	0.51	25.54	3579.96
	05/22/02	3605.50	26.54	25.98	0.56	0.45	26.09	3579.41
	11/05/02	3605.50	28.68	25.44	3.24	2.59	26.09	3579.41
	02/25/03	3605.50	29.56	26.08	3.48	2.78	26.78	3578.72
	04/09/03	3605.50	29.18	26.28	2.90	2.32	26.86	3578.64
	06/25/03	3605.50	28.73	26.72	2.01	1.61	27.12	3578.38
	09/11/03	3605.50	29.08	26.73	2.35	1.88	27.20	3578.30
	11/05/03	3605.50	29.03	27.00	2.03	1.62	27.41	3578.09
	01/19/04	3605.50	29.77	27.00	2.77	2.22	27.55	3577.95
	04/20/04	3605.50	29.55	27.30	2.25	1.80	27.75	3577.75
	07/20/04	3605.50	29.11	27.47	1.64	1.31	27.80	3577.70
	10/25/04	3605.50	25.79	25.16	0.63	0.50	25.29	3580.21
	01/24/05	3605.50	25.12	25.10	0.02	0.02	25.10	3580.40
	02/14/05	3605.50	26.02	24.86	1.16	0.93	25.09	3580.41
	03/02/05	3605.50	26.49	24.62	1.87	1.50	24.99	3580.51
	03/08/05	3605.50	26.41	24.58	1.83	1.46	24.95	3580.55
	03/23/05	3605.50	26.56	24.45	2.11	1.69	24.87	3580.63
	04/18/05	3605.50	25.84	24.58	1.26	1.01	24.83	3580.67
	05/09/05	3605.50	26.14	24.54	1.60	1.28	24.86	3580.64
	06/10/05	3605.50	26.18	24.25	1.93	1.54	24.64	3580.86
	07/18/05	3605.50	25.47	24.75	0.72	0.58	24.89	3580.61
	10/17/05	3605.50	24.79	24.78	0.01	0.01	24.78	3580.72
	11/29/05	3605.50	24.94		0.00	0.00	24.94	3580.56
	12/06/05	3605.50	24.88	24.87	0.01	0.01	24.87	3580.63
	12/12/05	3605.50	24.92	24.91	0.01	0.01	24.91	3580.59
	12/21/05	3605.50	24.94		0.00	0.00	24.94	3580.56
	12/28/05	3605.50	24.95		0.00	0.00	24.95	3580.55
	01/04/06	3605.50	25.01		0.00	0.00	25.01	3580.49
	01/10/06	3605.50	25.01		0.00	0.00	25.01	3580.49
	01/16/06	3605.50	25.04	25.03	0.01	0.01	25.03	3580.47
	01/23/06	3605.50	25.01	24.99	0.02	0.02	24.99	3580.51
	02/01/06	3605.50	25.12	25.11	0.01	0.01	25.11	3580.39
	02/16/06	3605.50	25.19	25.18	0.01	0.01	25.18	3580.32
	03/06/06	3605.50	25.27	25.25	0.02	0.02	25.25	3580.25
	03/29/06	3605.50	25.34	25.33	0.01	0.01	25.33	3580.17
	04/04/06	3605.50	25.37	25.36	0.01	0.01	25.36	3580.14
	04/11/06	3605.50	25.42	25.41	0.01	0.01	25.41	3580.09
	04/17/06	3605.50	25.44	25.42	0.02	0.02	25.42	3580.08
	04/24/06	3605.50	25.39	25.36	0.03	0.02	25.37	3580.13
	05/03/06	3605.50	25.51	25.49	0.02	0.02	25.49	3580.01
	05/31/06	3605.50	25.65	25.62	0.03	0.02	25.63	3579.87
	06/09/06	3605.50	25.71	25.66	0.05	0.04	25.67	3579.83

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	06/12/06	3605.50	25.73	25.67	0.06	0.05	25.68	3579.82
	06/26/06	3605.50	25.84	25.74	0.10	0.08	25.76	3579.74
	07/05/06	3605.50	25.91	25.81	0.10	0.08	25.83	3579.67
	07/10/06	3605.50	25.92	25.61	0.31	0.25	25.67	3579.83
	07/17/06	3605.50	25.88	25.86	0.02	0.02	25.86	3579.64
	07/24/06	3605.50	25.79	25.75	0.04	0.03	25.76	3579.74
	08/02/06	3605.50	25.94	25.93	0.01	0.01	25.93	3579.57
	08/14/06	3605.50	25.99	25.96	0.03	0.02	25.97	3579.53
	08/28/06	3605.50	26.07	26.02	0.05	0.04	26.03	3579.47
	09/14/06	3605.50	25.92	25.91	0.01	0.01	25.91	3579.59
	09/21/06	3605.50	26.06	25.75	0.31	0.25	25.81	3579.69
	09/25/06	3605.50	26.15	25.76	0.39	0.31	25.84	3579.66
	10/02/06	3605.50	25.89	25.77	0.12	0.10	25.79	3579.71
	10/10/06	3605.50	25.89	25.77	0.12	0.10	25.79	3579.71
	10/16/06	3605.50	25.99	25.78	0.21	0.17	25.82	3579.68
	10/23/06	3605.50	25.80	25.60	0.20	0.16	25.64	3579.86
	10/30/06	3605.50	25.86	24.92	0.94	0.75	25.11	3580.39
	11/06/06	3605.50	26.01	25.73	0.28	0.22	25.79	3579.71
	11/21/06	3605.50	25.93	25.79	0.14	0.11	25.82	3579.68
	11/28/06	3605.50	25.95	25.74	0.21	0.17	25.78	3579.72
	12/05/06	3605.50	26.04	25.75	0.29	0.23	25.81	3579.69
	12/11/06	3605.50	26.11	25.75	0.36	0.29	25.82	3579.68
	12/18/06	3605.50	26.19	25.75	0.44	0.35	25.84	3579.66
	01/02/07	3605.50	26.16	25.83	0.33	0.26	25.90	3579.60
	01/08/07	3605.50	26.14	25.81	0.33	0.26	25.88	3579.62
	01/23/07	3605.50	26.06	25.61	0.45	0.36	25.70	3579.80
	02/05/07	3605.50	26.36	25.88	0.48	0.38	25.98	3579.52
	02/26/07	3605.50	26.57	25.92	0.65	0.52	26.05	3579.45
	03/05/07	3605.50	26.63	25.96	0.67	0.54	26.09	3579.41
	03/13/07	3605.50	26.37	26.02	0.35	0.28	26.09	3579.41
	03/19/07	3605.50	26.41	26.03	0.38	0.30	26.11	3579.39
	03/26/07	3605.50	26.48	26.06	0.42	0.34	26.14	3579.36
	04/02/07	3605.50	26.48	26.08	0.40	0.32	26.16	3579.34
	04/23/07	3605.50	26.43	25.92	0.51	0.41	26.02	3579.48
	05/01/07	3605.50	26.55	26.20	0.35	0.28	26.27	3579.23
	05/29/07	3605.50	26.59	26.21	0.38	0.30	26.29	3579.21
	06/04/07	3605.50	26.89	26.21	0.68	0.54	26.35	3579.15
	06/11/07	3605.50	26.61	26.23	0.38	0.30	26.31	3579.19
	06/18/07	3605.50	26.61	26.24	0.37	0.30	26.31	3579.19
	06/26/07	3605.50	26.39	26.00	0.39	0.31	26.08	3579.42
	07/09/07	3605.50	26.42	26.04	0.38	0.30	26.12	3579.38
	07/17/07	3605.50	26.35	26.04	0.31	0.25	26.10	3579.40
	07/23/07	3605.50	26.42	26.05	0.37	0.30	26.12	3579.38
	07/30/07	3605.50	26.31	26.07	0.24	0.19	26.12	3579.38
	08/07/07	3605.50	26.37	26.07	0.30	0.24	26.13	3579.37

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	08/20/07	3605.50	26.41	26.10	0.31	0.25	26.16	3579.34
	08/27/07	3605.50	26.44	26.11	0.33	0.26	26.18	3579.32
	09/04/07	3605.50	26.43	26.12	0.31	0.25	26.18	3579.32
	09/10/07	3605.50	26.47	26.12	0.35	0.28	26.19	3579.31
	09/25/07	3605.50	26.43	26.21	0.22	0.18	26.25	3579.25
	10/02/07	3605.50	26.32	26.17	0.15	0.12	26.20	3579.30
	10/11/07	3605.50	26.34	26.20	0.14	0.11	26.23	3579.27
	10/22/07	3605.50	26.28	26.06	0.22	0.18	26.10	3579.40
	10/31/07	3605.50	26.27	26.14	0.13	0.10	26.17	3579.33
	11/12/07	3605.50	26.30	26.14	0.16	0.13	26.17	3579.33
	11/19/07	3605.50	26.33	26.14	0.19	0.15	26.18	3579.32
	12/05/07	3605.50	26.35	26.16	0.19	0.15	26.20	3579.30
	12/10/07	3605.50	26.35	26.16	0.19	0.15	26.20	3579.30
	12/20/07	3605.50	26.40	26.21	0.19	0.15	26.25	3579.25
	01/02/08	3605.50	26.47	26.29	0.18	0.14	26.33	3579.17
	01/07/08	3605.50	26.53	26.26	0.27	0.22	26.31	3579.19
	01/28/08	3605.50	26.37	26.14	0.23	0.18	26.19	3579.31
	02/12/08	3605.50	26.51	26.39	0.12	0.10	26.41	3579.09
	02/26/08	3605.50	26.54	26.43	0.11	0.09	26.45	3579.05
	04/21/08	3605.50	26.46	26.38	0.08	0.06	26.40	3579.10
	04/28/08	3605.50	26.63	26.61	0.02	0.02	26.61	3578.89
	05/20/08	3605.50	26.70	26.66	0.04	0.03	26.67	3578.83
	06/02/08	3605.50	26.73	26.70	0.03	0.02	26.71	3578.79
	06/09/08	3605.50	26.83	26.77	0.06	0.05	26.78	3578.72
	06/16/08	3605.50	26.78	26.75	0.03	0.02	26.76	3578.74
	06/30/08	3605.50	26.84	26.82	0.02	0.02	26.82	3578.68
	07/14/08	3605.50	26.90	26.88	0.02	0.02	26.88	3578.62
	07/21/08	3605.50	26.72	26.69	0.03	0.02	26.70	3578.80
	08/06/08	3605.50	27.02	26.96	0.06	0.05	26.97	3578.53
	08/18/08	3605.50	27.06	27.02	0.04	0.03	27.03	3578.47
	09/09/08	3605.50	27.06		0.00	0.00	27.06	3578.44
	09/15/08	3605.50	27.08		0.00	0.00	27.08	3578.42
	09/22/08	3605.50	27.11		0.00	0.00	27.11	3578.39
	09/29/08	3605.50	27.15		0.00	0.00	27.15	3578.35
	10/07/08	3605.50	27.20		0.00	0.00	27.20	3578.30
	10/20/08	3605.50	26.92		0.00	0.00	26.92	3578.58
	10/28/08	3605.50	27.22		0.00	0.00	27.22	3578.28
	11/07/08	3605.50	27.23		0.00	0.00	27.23	3578.27
	11/24/08	3605.50	27.22		0.00	0.00	27.22	3578.28
	12/01/08	3605.50	27.23		0.00	0.00	27.23	3578.27
	12/08/08	3605.50	27.24		0.00	0.00	27.24	3578.26
	12/24/08	3605.50	27.28		0.00	0.00	27.28	3578.22
	12/29/08	3605.50	27.29		0.00	0.00	27.29	3578.21
	01/06/09	3605.50	27.34		0.00	0.00	27.34	3578.16
	01/14/09	3605.50	27.29		0.00	0.00	27.29	3578.21

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	01/19/09	3605.50	27.03	27.02	0.01	0.01	27.02	3578.48
	01/26/09	3605.50	27.37		0.00	0.00	27.37	3578.13
	02/10/09	3605.50	27.41		0.00	0.00	27.41	3578.09
	02/26/09	3605.50	27.43		0.00	0.00	27.43	3578.07
	03/02/09	3605.50	27.41		0.00	0.00	27.41	3578.09
	03/09/09	3605.50	27.45		0.00	0.00	27.45	3578.05
	03/16/09	3605.50	27.46		0.00	0.00	27.46	3578.04
	03/24/09	3605.50	27.50		0.00	0.00	27.50	3578.00
	03/30/09	3605.50	27.46		0.00	0.00	27.46	3578.04
	04/06/09	3605.50	27.50		0.00	0.00	27.50	3578.00
	04/14/09	3605.50	27.48		0.00	0.00	27.48	3578.02
	04/20/09	3605.50	27.29	27.28	0.01	0.01	27.28	3578.22
	04/28/09	3605.50	27.50		0.00	0.00	27.50	3578.00
	05/11/09	3605.50	27.54		0.00	0.00	27.54	3577.96
	05/26/09	3605.50	27.56		0.00	0.00	27.56	3577.94
	06/01/09	3605.50	27.60		0.00	0.00	27.60	3577.90
	06/09/09	3605.50	27.58		0.00	0.00	27.58	3577.92
	06/15/09	3605.50	27.65		0.00	0.00	27.65	3577.85
	06/29/09	3605.50	27.63		0.00	0.00	27.63	3577.87
	07/06/09	3605.50	27.68		0.00	0.00	27.68	3577.82
	07/14/09	3605.50	27.71		0.00	0.00	27.71	3577.79
	07/20/09	3605.50	27.55		0.00	0.00	27.55	3577.95
	07/27/09	3605.50	27.60		0.00	0.00	27.60	3577.90
	08/03/09	3605.50	27.79		0.00	0.00	27.79	3577.71
	08/12/09	3605.50	27.79		0.00	0.00	27.79	3577.71
	08/24/09	3605.50	27.79		0.00	0.00	27.79	3577.71
	08/31/09	3605.50	27.80		0.00	0.00	27.80	3577.70
	09/08/09	3605.50	27.75		0.00	0.00	27.75	3577.75
	09/16/09	3605.50	27.80		0.00	0.00	27.80	3577.70
	09/28/09	3605.50	27.78		0.00	0.00	27.78	3577.72
	10/05/09	3605.50	27.82		0.00	0.00	27.82	3577.68
	10/12/09	3605.50	27.85		0.00	0.00	27.85	3577.65
	10/26/09	3605.50	27.73	27.72	0.01	0.01	27.72	3577.78
	11/03/09	3605.50	27.93		0.00	0.00	27.93	3577.57
	11/10/09	3605.50	27.88		0.00	0.00	27.88	3577.62
	11/23/09	3605.50	27.90		0.00	0.00	27.90	3577.60
	11/30/09	3605.50	27.94		0.00	0.00	27.94	3577.56
	12/07/09	3605.50	27.93		0.00	0.00	27.93	3577.57
	12/22/09	3605.50	28.00		0.00	0.00	28.00	3577.50
	01/04/10	3605.50	28.00		0.00	0.00	28.00	3577.50
	01/11/10	3605.50	28.05		0.00	0.00	28.05	3577.45
	01/18/10	3605.50	28.02		0.00	0.00	28.02	3577.48
	01/25/10	3605.50	27.95		0.00	0.00	27.95	3577.55
	02/01/10	3605.50	28.06		0.00	0.00	28.06	3577.44
	02/08/10	3605.50	28.10		0.00	0.00	28.10	3577.40

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	02/22/10	3605.50	28.09		0.00	0.00	28.09	3577.41
	03/01/10	3605.50	28.19		0.00	0.00	28.19	3577.31
	03/08/10	3605.50	28.25		0.00	0.00	28.25	3577.25
	03/22/10	3605.50	28.29		0.00	0.00	28.29	3577.21
	03/29/10	3605.50	28.30		0.00	0.00	28.30	3577.20
	04/05/10	3605.50	28.34		0.00	0.00	28.34	3577.16
	04/13/10	3605.50	28.32		0.00	0.00	28.32	3577.18
	04/19/10	3605.50	28.38		0.00	0.00	28.38	3577.12
	04/26/10	3605.50	28.18		0.00	0.00	28.18	3577.32
	05/03/10	3605.50	28.41		0.00	0.00	28.41	3577.09
	05/14/10	3605.50	28.46		0.00	0.00	28.46	3577.04
	05/20/10	3605.50	28.43		0.00	0.00	28.43	3577.07
	05/27/10	3605.50	28.44		0.00	0.00	28.44	3577.06
	06/01/10	3605.50	28.47		0.00	0.00	28.47	3577.03
	06/07/10	3605.50	28.49		0.00	0.00	28.49	3577.01
	06/15/10	3605.50	28.53		0.00	0.00	28.53	3576.97
	06/28/10	3605.50	28.50		0.00	0.00	28.50	3577.00
	07/06/10	3605.50	28.50		0.00	0.00	28.50	3577.00
	07/13/10	3605.50	28.33		0.00	0.00	28.33	3577.17
	07/19/10	3605.50	28.28		0.00	0.00	28.28	3577.22
	07/26/10	3605.50	27.91		0.00	0.00	27.91	3577.59
	08/09/10	3605.50	28.11		0.00	0.00	28.11	3577.39
	08/16/10	3605.50	28.07		0.00	0.00	28.07	3577.43
	08/30/10	3605.50	28.04		0.00	0.00	28.04	3577.46
	09/07/10	3605.50	27.99		0.00	0.00	27.99	3577.51
	09/13/10	3605.50	28.00		0.00	0.00	28.00	3577.50
	09/20/10	3605.50	27.95		0.00	0.00	27.95	3577.55
	09/27/10	3605.50	27.99		0.00	0.00	27.99	3577.51
	10/04/10	3605.50	27.95		0.00	0.00	27.95	3577.55
	10/12/10	3605.50	27.99		0.00	0.00	27.99	3577.51
	10/19/10	3605.50	27.96		0.00	0.00	27.96	3577.54
	10/25/10	3605.50	27.71	27.70	0.01	0.01	27.70	3577.80
	11/01/10	3605.50	28.03		0.00	0.00	28.03	3577.47
	11/09/10	3605.50	28.03		0.00	0.00	28.03	3577.47
	11/22/10	3605.50	28.05		0.00	0.00	28.05	3577.45
	12/06/10	3605.50	28.13		0.00	0.00	28.13	3577.37
	12/13/10	3605.50	28.11		0.00	0.00	28.11	3577.39
	01/04/11	3605.50	28.29		0.00	0.00	28.29	3577.21
	01/10/11	3605.50	28.24		0.00	0.00	28.24	3577.26
	01/17/11	3605.50	28.28		0.00	0.00	28.28	3577.22
	01/24/11	3605.50	28.36	28.36	0.00	0.00	28.36	3577.14
	01/31/11	3605.50	28.32		0.00	0.00	28.32	3577.18
	02/07/11	3605.50	28.37		0.00	0.00	28.37	3577.13
	02/14/11	3605.50	28.46		0.00	0.00	28.46	3577.04
	03/01/11	3605.50	28.56		0.00	0.00	28.56	3576.94

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	03/07/11	3605.50	28.55		0.00	0.00	28.55	3576.95
	03/21/11	3605.50	28.53		0.00	0.00	28.53	3576.97
	03/28/11	3605.50	28.60		0.00	0.00	28.60	3576.90
	04/18/11	3605.50	28.71		0.00	0.00	28.71	3576.79
	10/10/11	3605.50	28.92		0.00	0.00	28.92	3576.58
	05/30/12	3605.50	29.66		0.00	0.00	29.66	3575.84
MW-8	03/01/01	3605.25	24.29		0.00	0.00	24.29	3580.96
(SVE-5)	06/25/01	3605.25	25.54		0.00	0.00	25.54	3579.71
	09/25/01	3605.25	24.82		0.00	0.00	24.82	3580.43
	12/11/01	3605.25	25.03		0.00	0.00	25.03	3580.22
	05/21/02	3605.25	25.40		0.00	0.00	25.40	3579.85
	06/08/02	3605.25	25.45		0.00	0.00	25.45	3579.80
	06/15/02	3605.25	25.47		0.00	0.00	25.47	3579.78
	10/15/02	3604.92	26.25		0.00	0.00	26.25	3578.67
	10/25/02	3604.92	26.26		0.00	0.00	26.26	3578.66
	10/26/02	3604.92	26.25		0.00	0.00	26.25	3578.67
	11/04/02	3604.92	26.00		0.00	0.00	26.00	3578.92
	11/05/02	3604.92	25.99		0.00	0.00	25.99	3578.93
	12/16/02	3604.92	25.85		0.00	0.00	25.85	3579.07
	02/14/03	3604.92	25.91	25.90	0.01	0.01	25.90	3579.02
	02/24/03	3604.92	26.00	25.95	0.05	0.04	25.96	3578.96
	01/22/03	3604.92	25.70		0.00	0.00	25.70	3579.22
	04/07/03	3604.92	26.11	26.00	0.11	0.09	26.02	3578.90
	04/24/03	3604.92	26.11	26.01	0.10	0.08	26.03	3578.89
	06/25/03	3604.92	26.96	26.39	0.57	0.46	26.50	3578.42
	09/11/03	3604.92	27.13	26.58	0.55	0.44	26.69	3578.23
	11/05/03	3604.92	26.51	26.18	0.33	0.26	26.25	3578.67
	01/19/04	3604.92	27.59	27.00	0.59	0.47	27.12	3577.80
	04/20/04	3604.92	27.56	27.11	0.45	0.36	27.20	3577.72
	07/20/04	3604.92	27.40	27.06	0.34	0.27	27.13	3577.79
	10/25/04	3604.92	26.49	25.33	1.16	0.93	25.56	3579.36
	01/24/05	3604.92	25.16	24.22	0.94	0.75	24.41	3580.51
	02/14/05	3604.92	24.96	23.85	1.11	0.89	24.07	3580.85
	03/02/05	3604.92	24.87	23.78	1.09	0.87	24.00	3580.92
	03/08/05	3604.92	24.84	23.84	1.00	0.80	24.04	3580.88
	03/23/05	3604.92	24.81	23.80	1.01	0.81	24.00	3580.92
	04/18/05	3604.92	24.79	23.89	0.90	0.72	24.07	3580.85
	05/09/05	3604.92	24.59	23.62	0.97	0.78	23.81	3581.11
	06/10/05	3604.92	24.52	23.55	0.97	0.78	23.74	3581.18
	07/18/05	3604.92	24.81	23.99	0.82	0.66	24.15	3580.77
	10/17/05	3604.92	24.72	23.91	0.81	0.65	24.07	3580.85
	12/06/05	3604.92	24.68	23.92	0.76	0.61	24.07	3580.85
	12/12/05	3604.92	24.45	23.83	0.62	0.50	23.95	3580.97
	12/21/05	3604.92	24.86	24.06	0.80	0.64	24.22	3580.70
	12/28/05	3604.92	24.85	24.06	0.79	0.63	24.22	3580.70
	01/04/06	3604.92	24.93	24.14	0.79	0.63	24.30	3580.62

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	01/10/06	3604.92	24.93	24.15	0.78	0.62	24.31	3580.61
	01/16/06	3604.92	24.92	24.17	0.75	0.60	24.32	3580.60
	01/23/06	3604.92	24.96	24.13	0.83	0.66	24.30	3580.62
	02/01/06	3604.92	25.01	24.24	0.77	0.62	24.39	3580.53
	02/16/06	3604.92	25.08	24.32	0.76	0.61	24.47	3580.45
	03/06/06	3604.92	25.17	24.42	0.75	0.60	24.57	3580.35
	03/29/06	3604.92	25.27	24.52	0.75	0.60	24.67	3580.25
	04/04/06	3604.92	25.29	24.56	0.73	0.58	24.71	3580.21
	04/11/06	3604.92	25.34	24.60	0.74	0.59	24.75	3580.17
	04/17/06	3604.92	25.35	24.62	0.73	0.58	24.77	3580.15
	04/24/06	3604.92	25.39	24.55	0.84	0.67	24.72	3580.20
	05/03/06	3604.92	25.45	24.69	0.76	0.61	24.84	3580.08
	05/31/06	3604.92	25.92	24.83	1.09	0.87	25.05	3579.87
	06/09/06	3604.92	25.01	25.00	0.01	0.01	25.00	3579.92
	06/12/06	3604.92	25.04	25.03	0.01	0.01	25.03	3579.89
	06/26/06	3604.92	25.12	25.11	0.01	0.01	25.11	3579.81
	07/05/06	3604.92	25.19	25.18	0.01	0.01	25.18	3579.74
	07/10/06	3604.92	25.20	25.20	0.00	0.00	25.20	3579.72
	07/17/06	3604.92	25.18	25.16	0.02	0.02	25.16	3579.76
	07/24/06	3604.92	25.09	25.04	0.05	0.04	25.05	3579.87
	08/02/06	3604.92	25.28	25.23	0.05	0.04	25.24	3579.68
	08/14/06	3604.92	25.28	25.23	0.05	0.04	25.24	3579.68
	08/28/06	3604.92	25.38	25.33	0.05	0.04	25.34	3579.58
	09/14/06	3604.92	25.26	25.24	0.02	0.02	25.24	3579.68
	09/21/06	3604.92	25.75	25.70	0.05	0.04	25.71	3579.21
	09/25/06	3604.92	25.11	25.11	0.00	0.00	25.11	3579.81
	10/02/06	3604.92	25.82	25.82	0.00	0.00	25.82	3579.10
	10/10/06	3604.92	24.82		0.00	0.00	24.82	3580.10
	10/16/06	3604.92	25.14	25.08	0.06	0.05	25.09	3579.83
	10/23/06	3604.92	24.92	24.89	0.03	0.02	24.90	3580.02
	10/30/06	3604.92	25.01	25.01	0.00	0.00	25.01	3579.91
	11/06/06	3604.92	25.01		0.00	0.00	25.01	3579.91
	11/21/06	3604.92	25.03		0.00	0.00	25.03	3579.89
	11/28/06	3604.92	25.01		0.00	0.00	25.01	3579.91
	12/05/06	3604.92	25.01		0.00	0.00	25.01	3579.91
	12/11/06	3604.92	25.02		0.00	0.00	25.02	3579.90
	12/18/06	3604.92	25.04		0.00	0.00	25.04	3579.88
	01/02/07	3604.92	25.09		0.00	0.00	25.09	3579.83
	01/08/07	3604.92	25.04		0.00	0.00	25.04	3579.88
	01/23/07	3604.92	24.91		0.00	0.00	24.91	3580.01
	02/05/07	3604.92	25.19		0.00	0.00	25.19	3579.73
	02/26/07	3604.92	25.24	25.24	0.00	0.00	25.24	3579.68
	03/05/07	3604.92	25.32	25.32	0.00	0.00	25.32	3579.60
	03/13/07	3604.92	25.35	25.35	0.00	0.00	25.35	3579.57
	03/19/07	3604.92	25.37	25.37	0.00	0.00	25.37	3579.55

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	03/26/07	3604.92	25.41	25.41	0.00	0.00	25.41	3579.51
	04/02/07	3604.92	25.42	25.42	0.00	0.00	25.42	3579.50
	04/23/07	3604.92	25.24	25.24	0.00	0.00	25.24	3579.68
	05/01/07	3604.92	25.52	25.52	0.00	0.00	25.52	3579.40
	05/29/07	3604.92	25.54	25.54	0.00	0.00	25.54	3579.38
	06/04/07	3604.92	25.55	25.55	0.00	0.00	25.55	3579.37
	06/11/07	3604.92	25.56		0.00	0.00	25.56	3579.36
	06/18/07	3604.92	25.56		0.00	0.00	25.56	3579.36
	06/26/07	3604.92	25.29		0.00	0.00	25.29	3579.63
	07/09/07	3604.92	25.33		0.00	0.00	25.33	3579.59
	07/17/07	3604.92	25.33		0.00	0.00	25.33	3579.59
	07/23/07	3604.92	25.35	25.35	0.00	0.00	25.35	3579.57
	07/30/07	3604.92	25.34		0.00	0.00	25.34	3579.58
	08/07/07	3604.92	25.35		0.00	0.00	25.35	3579.57
	08/20/07	3604.92	25.37		0.00	0.00	25.37	3579.55
	08/27/07	3604.92	25.40		0.00	0.00	25.40	3579.52
	09/04/07	3604.92	25.41		0.00	0.00	25.41	3579.51
	09/10/07	3604.92	25.46	25.46	0.00	0.00	25.46	3579.46
	09/25/07	3604.92	25.46	25.45	0.01	0.01	25.45	3579.47
	10/02/07	3604.92	25.41	25.41	0.00	0.00	25.41	3579.51
	10/11/07	3604.92	25.41	25.41	0.00	0.00	25.41	3579.51
	10/22/07	3604.92	25.31	25.30	0.01	0.01	25.30	3579.62
	10/31/07	3604.92	25.36		0.00	0.00	25.36	3579.56
	11/12/07	3604.92	25.33		0.00	0.00	25.33	3579.59
	11/19/07	3604.92	25.35		0.00	0.00	25.35	3579.57
	12/05/07	3604.92	25.38		0.00	0.00	25.38	3579.54
	12/10/07	3604.92	25.44		0.00	0.00	25.44	3579.48
	12/20/07	3604.92	25.44		0.00	0.00	25.44	3579.48
	01/02/08	3604.92	25.51		0.00	0.00	25.51	3579.41
	01/07/08	3604.92	25.50		0.00	0.00	25.50	3579.42
	01/28/08	3604.92	25.40	25.39	0.01	0.01	25.39	3579.53
	02/12/08	3604.92	25.65	25.65	0.00	0.00	25.65	3579.27
	02/26/08	3604.92	25.70	25.70	0.00	0.00	25.70	3579.22
	04/21/08	3604.92	25.66	25.65	0.01	0.01	25.65	3579.27
	04/28/08	3604.92	25.84		0.00	0.00	25.84	3579.08
	05/20/08	3604.92	25.94		0.00	0.00	25.94	3578.98
	06/02/08	3604.92	25.99		0.00	0.00	25.99	3578.93
	06/09/08	3604.92	26.08	26.05	0.03	0.02	26.06	3578.86
	06/16/08	3604.92	26.04	26.04	0.00	0.00	26.04	3578.88
	06/30/08	3604.92	26.11		0.00	0.00	26.11	3578.81
	07/14/08	3604.92	26.18		0.00	0.00	26.18	3578.74
	07/21/08	3604.92	26.04	25.98	0.06	0.05	25.99	3578.93
	08/06/08	3604.92	26.29	26.28	0.01	0.01	26.28	3578.64
	08/18/08	3604.92	26.39	26.33	0.06	0.05	26.34	3578.58
	09/09/08	3604.92	26.41		0.00	0.00	26.41	3578.51

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	09/15/08	3604.92	26.42		0.00	0.00	26.42	3578.50
	09/22/08	3604.92	26.45		0.00	0.00	26.45	3578.47
	09/29/08	3604.92	26.49		0.00	0.00	26.49	3578.43
	10/07/08	3604.92	26.52		0.00	0.00	26.52	3578.40
	10/20/08	3604.92	26.27	26.23	0.04	0.03	26.24	3578.68
	10/28/08	3604.92	26.55		0.00	0.00	26.55	3578.37
	11/28/08	3604.92	26.54		0.00	0.00	26.54	3578.38
	12/01/08	3604.92	26.53		0.00	0.00	26.53	3578.39
	12/08/08	3604.92	26.54		0.00	0.00	26.54	3578.38
	12/24/08	3604.92	26.57		0.00	0.00	26.57	3578.35
	12/29/08	3604.92	26.60		0.00	0.00	26.60	3578.32
	01/06/09	3604.92	26.64		0.00	0.00	26.64	3578.28
	01/14/09	3604.92	26.63		0.00	0.00	26.63	3578.29
	01/19/09	3604.92	26.36	26.35	0.01	0.01	26.35	3578.57
	01/26/09	3604.92	26.68		0.00	0.00	26.68	3578.24
	02/10/09	3604.92	26.73		0.00	0.00	26.73	3578.19
	02/26/09	3604.92	26.75		0.00	0.00	26.75	3578.17
	03/02/09	3604.92	26.76	26.75	0.01	0.01	26.75	3578.17
	03/09/09	3604.92	26.78		0.00	0.00	26.78	3578.14
	03/16/09	3604.92	26.80	26.79	0.01	0.01	26.79	3578.13
	03/24/09	3604.92	26.82		0.00	0.00	26.82	3578.10
	03/30/09	3604.92	26.78		0.00	0.00	26.78	3578.14
	04/06/09	3604.92	26.84		0.00	0.00	26.84	3578.08
	04/14/09	3604.92	26.79		0.00	0.00	26.79	3578.13
	04/20/09	3604.92	26.62	26.61	0.01	0.01	26.61	3578.31
	04/28/09	3604.92	26.82		0.00	0.00	26.82	3578.10
	05/11/09	3604.92	26.89		0.00	0.00	26.89	3578.03
	05/26/09	3604.92	26.88		0.00	0.00	26.88	3578.04
	06/01/09	3604.92	26.95		0.00	0.00	26.95	3577.97
	06/09/09	3604.92	26.90		0.00	0.00	26.90	3578.02
	06/15/09	3604.92	26.98		0.00	0.00	26.98	3577.94
	06/29/09	3604.92	26.94		0.00	0.00	26.94	3577.98
	07/06/09	3604.92	27.00		0.00	0.00	27.00	3577.92
	07/14/09	3604.92	27.07		0.00	0.00	27.07	3577.85
	07/20/09	3604.92	26.99		0.00	0.00	26.99	3577.93
	07/27/09	3604.92	26.95		0.00	0.00	26.95	3577.97
	08/03/09	3604.92	27.08		0.00	0.00	27.08	3577.84
	08/12/09	3604.92	27.15		0.00	0.00	27.15	3577.77
	08/24/09	3604.92	27.08		0.00	0.00	27.08	3577.84
	08/31/09	3604.92	27.14		0.00	0.00	27.14	3577.78
	09/08/09	3604.92	27.06		0.00	0.00	27.06	3577.86
	09/16/09	3604.92	27.13		0.00	0.00	27.13	3577.79
	09/28/09	3604.92	27.03		0.00	0.00	27.03	3577.89
	10/05/09	3604.92	27.15		0.00	0.00	27.15	3577.77
	10/12/09	3604.92	27.10		0.00	0.00	27.10	3577.82

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	10/26/09	3604.92	27.05		0.00	0.00	27.05	3577.87
	11/03/09	3604.92	27.08		0.00	0.00	27.08	3577.84
	11/10/09	3604.92	27.19		0.00	0.00	27.19	3577.73
	11/23/09	3604.92	27.15		0.00	0.00	27.15	3577.77
	11/30/09	3604.92	27.26		0.00	0.00	27.26	3577.66
	12/07/09	3604.92	27.32		0.00	0.00	27.32	3577.60
	12/22/09	3604.92	27.35		0.00	0.00	27.35	3577.57
	01/04/10	3604.92	27.31		0.00	0.00	27.31	3577.61
	01/11/10	3604.92	27.39		0.00	0.00	27.39	3577.53
	01/18/10	3604.92	27.26		0.00	0.00	27.26	3577.66
	01/25/10	3604.92	27.30		0.00	0.00	27.30	3577.62
	02/01/10	3604.92	27.35		0.00	0.00	27.35	3577.57
	02/08/10	3604.92	27.39		0.00	0.00	27.39	3577.53
	02/22/10	3604.92	27.53		0.00	0.00	27.53	3577.39
	03/01/10	3604.92	27.19		0.00	0.00	27.19	3577.73
	03/08/10	3604.92	27.56		0.00	0.00	27.56	3577.36
	03/22/10	3604.92	27.80		0.00	0.00	27.80	3577.12
	03/29/10	3604.92	27.51		0.00	0.00	27.51	3577.41
	04/05/10	3604.92	27.64		0.00	0.00	27.64	3577.28
	04/13/10	3604.92	27.51		0.00	0.00	27.51	3577.41
	04/19/10	3604.92	27.68		0.00	0.00	27.68	3577.24
	04/26/10	3604.92	27.49		0.00	0.00	27.49	3577.43
	05/03/10	3604.92	27.75		0.00	0.00	27.75	3577.17
	05/14/10	3604.92	27.78		0.00	0.00	27.78	3577.14
	05/20/10	3604.92	27.75		0.00	0.00	27.75	3577.17
	05/27/10	3604.92	27.55		0.00	0.00	27.55	3577.37
	06/01/10	3604.92	27.78		0.00	0.00	27.78	3577.14
	06/07/10	3604.92	27.72		0.00	0.00	27.72	3577.20
	06/15/10	3604.92	27.85		0.00	0.00	27.85	3577.07
	06/28/10	3604.92	27.75		0.00	0.00	27.75	3577.17
	07/06/10	3604.92	27.73		0.00	0.00	27.73	3577.19
	07/13/10	3604.92	27.63		0.00	0.00	27.63	3577.29
	07/19/10	3604.92	27.64		0.00	0.00	27.64	3577.28
	07/26/10	3604.92	27.27		0.00	0.00	27.27	3577.65
	08/09/10	3604.92	27.45		0.00	0.00	27.45	3577.47
	08/16/10	3604.92	27.38		0.00	0.00	27.38	3577.54
	08/30/10	3604.92	27.35		0.00	0.00	27.35	3577.57
	09/07/10	3604.92	27.27		0.00	0.00	27.27	3577.65
	09/13/10	3604.92	27.31		0.00	0.00	27.31	3577.61
	09/20/10	3604.92	27.21		0.00	0.00	27.21	3577.71
	09/27/10	3604.92	27.29		0.00	0.00	27.29	3577.63
	10/04/10	3604.92	27.21		0.00	0.00	27.21	3577.71
	10/12/10	3604.92	27.29		0.00	0.00	27.29	3577.63
	10/19/10	3604.92	27.22		0.00	0.00	27.22	3577.70
	10/25/10	3604.92	26.98	26.98	0.00	0.00	26.98	3577.94

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	11/01/10	3604.92	27.22		0.00	0.00	27.22	3577.70
	11/09/10	3604.92	27.31		0.00	0.00	27.31	3577.61
	11/22/10	3604.92	27.30		0.00	0.00	27.30	3577.62
	12/06/10	3604.92	27.41		0.00	0.00	27.41	3577.51
	12/13/10	3604.92	27.34		0.00	0.00	27.34	3577.58
	01/04/11	3604.92	27.54		0.00	0.00	27.54	3577.38
	01/10/11	3604.92	27.44		0.00	0.00	27.44	3577.48
	01/17/11	3604.92	27.49		0.00	0.00	27.49	3577.43
	01/24/11	3604.92	27.67		0.00	0.00	27.67	3577.25
	01/31/11	3604.92	27.56		0.00	0.00	27.56	3577.36
	02/07/11	3604.92	27.62		0.00	0.00	27.62	3577.30
	02/14/11	3604.92	27.77		0.00	0.00	27.77	3577.15
	03/01/11	3604.92	27.75		0.00	0.00	27.75	3577.17
	03/07/11	3604.92	27.87		0.00	0.00	27.87	3577.05
	03/21/11	3604.92	27.79		0.00	0.00	27.79	3577.13
	03/28/11	3604.92	27.92		0.00	0.00	27.92	3577.00
	04/18/11	3604.92	28.01		0.00	0.00	28.01	3576.91
	10/10/11	3604.92	28.31		0.00	0.00	28.31	3576.61
	05/30/12	3604.92	29.07		0.00	0.00	29.07	3575.85
MW-9	03/01/01	3605.75	26.82	23.68	3.14	2.51	24.31	3581.44
(RW-2)	06/25/01	3605.75	24.79	24.73	0.06	0.05	24.74	3581.01
	09/25/01	3605.75	26.28	25.90	0.38	0.30	25.98	3579.77
	12/11/01	3605.75	28.73	25.49	3.24	2.59	26.14	3579.61
	05/22/02	3605.75	27.64	26.19	1.45	1.16	26.48	3579.27
	11/05/02	3605.75	29.15	25.83	3.32	2.66	26.49	3579.26
	02/25/03	3605.75	28.62	26.38	2.24	1.79	26.83	3578.92
	04/09/03	3605.75	28.24	26.30	1.94	1.55	26.69	3579.06
	04/22/03	3605.75	28.95	26.30	2.65	2.12	26.83	3578.92
	06/25/03	3605.75	29.08	27.02	2.06	1.65	27.43	3578.32
	09/11/03	3605.75	29.25	27.22	2.03	1.62	27.63	3578.12
	11/05/03	3605.75	29.30	27.35	1.95	1.56	27.74	3578.01
	01/19/04	3605.75	29.94	28.50	1.44	1.15	28.79	3576.96
	04/20/04	3605.75	29.04	28.91	0.13	0.10	28.94	3576.81
	07/20/04	3605.75	30.09	28.58	1.51	1.21	28.88	3576.87
	10/25/04	3605.75	27.34	27.22	0.12	0.10	27.24	3578.51
	12/29/04	3605.75	26.45	26.44	0.01	0.01	26.44	3579.31
	01/24/05	3605.75	26.23		0.00	0.00	26.23	3579.52
	02/14/05	3605.75	26.13		0.00	0.00	26.13	3579.62
	03/02/05	3605.75	26.12		0.00	0.00	26.12	3579.63
	03/08/05	3605.75	26.09		0.00	0.00	26.09	3579.66
	03/23/05	3605.75	26.03		0.00	0.00	26.03	3579.72
	04/18/05	3605.75	25.90		0.00	0.00	25.90	3579.85
	05/09/05	3605.75	25.93		0.00	0.00	25.93	3579.82
	06/10/05	3605.75	25.91		0.00	0.00	25.91	3579.84
	07/18/05	3605.75	25.94		0.00	0.00	25.94	3579.81
	10/17/05	3605.75	25.85		0.00	0.00	25.85	3579.90

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	12/28/05	3605.75	25.99		0.00	0.00	25.99	3579.76
	01/23/06	3605.75	26.04	26.03	0.01	0.01	26.03	3579.72
	04/24/06	3605.75	26.44	26.43	0.01	0.01	26.43	3579.32
	07/24/06	3605.75	26.80	26.79	0.01	0.01	26.79	3578.96
	10/23/06	3605.75	26.65		0.00	0.00	26.65	3579.10
	01/23/07	3605.75	26.69		0.00	0.00	26.69	3579.06
	04/23/07	3605.75	27.00	26.99	0.01	0.01	26.99	3578.76
	07/23/07	3605.75	27.14	27.14	0.00	0.00	27.14	3578.61
	10/22/07	3605.75	27.14	27.14	0.00	0.00	27.14	3578.61
	01/28/08	3605.75	27.19	27.19	0.00	0.00	27.19	3578.56
	04/21/08	3605.75	27.43		0.00	0.00	27.43	3578.32
	07/21/08	3605.75	27.72		0.00	0.00	27.72	3578.03
	10/20/08	3605.75	27.97	27.96	0.01	0.01	27.96	3577.79
	01/19/09	3605.75	28.12		0.00	0.00	28.12	3577.63
	04/20/09	3605.75	28.36		0.00	0.00	28.36	3577.39
	07/27/09	3605.75	28.62		0.00	0.00	28.62	3577.13
	10/26/09	3605.75	28.77	28.76	0.01	0.01	28.76	3576.99
	01/25/10	3605.75	30.03	28.75	1.28	1.02	29.01	3576.74
	04/26/10	3605.75	30.41	28.91	1.50	1.20	29.21	3576.54
	07/26/10	3605.75	30.12	28.56	1.56	1.25	28.87	3576.88
	10/25/10	3605.75	28.57	28.57	0.00	0.00	28.57	3577.18
	01/24/11	3605.75	30.52	29.18	1.34	1.07	29.45	3576.30
	03/01/11	3605.75	30.67		0.00	0.00	30.67	3575.08
	03/01/11	3605.75	30.67		0.00	0.00	30.67	3575.08
	04/04/11	3605.75	30.99	29.35	1.64	1.31	29.68	3576.07
	04/05/11	3605.75	30.45	29.47	0.98	0.78	29.67	3576.08
	04/11/11	3605.75	30.81	29.58	1.23	0.98	29.83	3575.92
	04/18/11	3605.75	30.90	29.59	1.31	1.05	29.85	3575.90
	04/25/11	3605.75	30.80	29.52	1.28	1.02	29.78	3575.97
	05/02/11	3605.75	30.84	29.55	1.29	1.03	29.81	3575.94
	05/03/11	3605.75	30.16	29.91	0.25	0.20	29.96	3575.79
	05/09/11	3605.75	30.83	29.66	1.17	0.94	29.89	3575.86
	05/31/11	3605.75	30.99	29.96	1.03	0.82	30.17	3575.58
	06/06/11	3605.75	31.03	29.71	1.32	1.06	29.97	3575.78
	10/10/11	3605.75	31.40	29.61	1.79	1.43	29.97	3575.78
	05/30/12	3605.75	31.64	30.44	1.20	0.96	30.68	3575.07
MW-10 (RW-6)	03/01/01	3604.94	25.57	23.53	2.04	1.63	23.94	3581.00
	06/25/01	3604.94	25.95	23.75	2.20	1.76	24.19	3580.75
	09/25/01	3604.94	24.47		0.00	0.00	24.47	3580.47
	12/11/01	3604.94	26.31	24.27	2.04	1.63	24.68	3580.26
	05/22/02	3604.94	25.50	25.00	0.50	0.40	25.10	3579.84
	11/05/02	3604.94	28.84	25.33	3.51	2.81	26.03	3578.91
	02/25/03	3604.94	28.41	25.26	3.15	2.52	25.89	3579.05
	04/09/03	3604.94	28.15	25.48	2.67	2.14	26.01	3578.93
	06/25/03	3604.94	27.73	25.96	1.77	1.42	26.31	3578.63
	09/11/03	3604.94	28.36	26.34	2.02	1.62	26.74	3578.20

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	11/05/03	3604.94	28.17	26.20	1.97	1.58	26.59	3578.35
	01/19/04	3604.94	28.36	26.30	2.06	1.65	26.71	3578.23
	04/20/04	3604.94	28.49	26.53	1.96	1.57	26.92	3578.02
	07/20/04	3604.94	28.03	26.72	1.31	1.05	26.98	3577.96
	10/25/04	3604.94	26.36	25.24	1.12	0.90	25.46	3579.48
	01/24/05	3604.94	24.57	24.14	0.43	0.34	24.23	3580.71
	02/14/05	3604.94	24.96	23.99	0.97	0.78	24.18	3580.76
	03/02/05	3604.94	24.64	24.00	0.64	0.51	24.13	3580.81
	03/08/05	3604.94	24.61	23.97	0.64	0.51	24.10	3580.84
	03/23/05	3604.94	24.58	23.91	0.67	0.54	24.04	3580.90
	04/18/05	3604.94	24.47	23.77	0.70	0.56	23.91	3581.03
	05/09/05	3604.94	24.51	23.82	0.69	0.55	23.96	3580.98
	06/10/05	3604.94	24.50	23.81	0.69	0.55	23.95	3580.99
	07/18/05	3604.94	24.51	23.90	0.61	0.49	24.02	3580.92
	10/17/05	3604.94	24.32	23.89	0.43	0.34	23.98	3580.96
	11/29/05	3604.94	24.22	24.08	0.14	0.11	24.11	3580.83
	12/06/05	3604.94	24.37	24.08	0.29	0.23	24.14	3580.80
	12/12/05	3604.94	24.44	24.11	0.33	0.26	24.18	3580.76
	12/21/05	3604.94	24.46	24.11	0.35	0.28	24.18	3580.76
	12/28/05	3604.94	24.49	24.12	0.37	0.30	24.19	3580.75
	01/04/06	3604.94	24.47	24.11	0.36	0.29	24.18	3580.76
	01/10/06	3604.94	24.49	24.12	0.37	0.30	24.19	3580.75
	01/16/06	3604.94	24.48	24.02	0.46	0.37	24.11	3580.83
	01/23/06	3604.94	24.42	23.99	0.43	0.34	24.08	3580.86
	02/01/06	3604.94	24.44	24.12	0.32	0.26	24.18	3580.76
	02/16/06	3604.94	24.52	24.24	0.28	0.22	24.30	3580.64
	03/06/06	3604.94	24.62	24.33	0.29	0.23	24.39	3580.55
	03/29/06	3604.94	24.72	24.42	0.30	0.24	24.48	3580.46
	04/04/06	3604.94	24.73	24.45	0.28	0.22	24.51	3580.43
	04/11/06	3604.94	24.76	24.49	0.27	0.22	24.54	3580.40
	04/17/06	3604.94	24.77	24.53	0.24	0.19	24.58	3580.36
	04/24/06	3604.94	24.66	24.47	0.19	0.15	24.51	3580.43
	05/03/06	3604.94	24.66	24.62	0.04	0.03	24.63	3580.31
	05/31/06	3604.94	24.80	24.76	0.04	0.03	24.77	3580.17
	06/09/06	3604.94	24.84	24.80	0.04	0.03	24.81	3580.13
	06/12/06	3604.94	24.85	24.81	0.04	0.03	24.82	3580.12
	06/26/06	3604.94	24.96	24.88	0.08	0.06	24.90	3580.04
	07/05/06	3604.94	25.02	24.93	0.09	0.07	24.95	3579.99
	07/10/06	3604.94	25.04	24.95	0.09	0.07	24.97	3579.97
	07/17/06	3604.94	25.06	24.97	0.09	0.07	24.99	3579.95
	07/24/06	3604.94	24.99	24.87	0.12	0.10	24.89	3580.05
	08/02/06	3604.94	25.14	25.06	0.08	0.06	25.08	3579.86
	08/14/06	3604.94	25.08	25.08	0.00	0.00	25.08	3579.86
	08/28/06	3604.94	25.27	25.14	0.13	0.10	25.17	3579.77
	09/14/06	3604.94	25.16	25.05	0.11	0.09	25.07	3579.87

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	09/21/06	3604.94	25.08	25.02	0.06	0.05	25.03	3579.91
	09/25/06	3604.94	25.08	25.03	0.05	0.04	25.04	3579.90
	10/02/06	3604.94	25.02	24.98	0.04	0.03	24.99	3579.95
	10/10/06	3604.94	25.01	24.98	0.03	0.02	24.99	3579.95
	10/16/06	3604.94	25.01	24.97	0.04	0.03	24.98	3579.96
	10/23/06	3604.94	24.80	24.75	0.05	0.04	24.76	3580.18
	10/30/06	3604.94	24.96	24.92	0.04	0.03	24.93	3580.01
	11/06/06	3604.94	24.97	24.93	0.04	0.03	24.94	3580.00
	11/21/06	3604.94	24.97	24.91	0.06	0.05	24.92	3580.02
	11/28/06	3604.94	24.96	24.92	0.04	0.03	24.93	3580.01
	12/05/06	3604.94	24.96	24.91	0.05	0.04	24.92	3580.02
	12/11/06	3604.94	24.94	24.89	0.05	0.04	24.90	3580.04
	12/18/06	3604.94	24.98	24.89	0.09	0.07	24.91	3580.03
	01/02/07	3604.94	25.07	24.97	0.10	0.08	24.99	3579.95
	01/08/07	3604.94	25.09	25.01	0.08	0.06	25.03	3579.91
	01/23/07	3604.94	24.82	24.77	0.05	0.04	24.78	3580.16
	02/05/07	3604.94	25.20	25.08	0.12	0.10	25.10	3579.84
	02/26/07	3604.94	25.29	25.14	0.15	0.12	25.17	3579.77
	03/05/07	3604.94	25.32	25.18	0.14	0.11	25.21	3579.73
	03/13/07	3604.94	25.33	25.20	0.13	0.10	25.23	3579.71
	03/19/07	3604.94	25.37	25.24	0.13	0.10	25.27	3579.67
	03/26/07	3604.94	25.36	25.24	0.12	0.10	25.26	3579.68
	04/02/07	3604.94	25.40	25.27	0.13	0.10	25.30	3579.64
	04/23/07	3604.94	25.23	25.09	0.14	0.11	25.12	3579.82
	05/01/07	3604.94	25.47	25.36	0.11	0.09	25.38	3579.56
	05/29/07	3604.94	25.53	25.42	0.11	0.09	25.44	3579.50
	06/04/07	3604.94	25.52	25.43	0.09	0.07	25.45	3579.49
	06/11/07	3604.94	25.52	25.44	0.08	0.06	25.46	3579.48
	06/18/07	3604.94	25.52	25.43	0.09	0.07	25.45	3579.49
	06/26/07	3604.94	25.24	25.18	0.06	0.05	25.19	3579.75
	07/09/07	3604.94	25.26	25.20	0.06	0.05	25.21	3579.73
	07/17/07	3604.94	25.28	25.23	0.05	0.04	25.24	3579.70
	07/23/07	3604.94	25.28	25.18	0.10	0.08	25.20	3579.74
	07/30/07	3604.94	25.27	25.22	0.05	0.04	25.23	3579.71
	08/07/07	3604.94	25.28	25.24	0.04	0.03	25.25	3579.69
	08/20/07	3604.94	25.34	25.24	0.10	0.08	25.26	3579.68
	08/27/07	3604.94	25.36	25.28	0.08	0.06	25.30	3579.64
	09/04/07	3604.94	25.35	25.31	0.04	0.03	25.32	3579.62
	09/10/07	3604.94	25.33	25.29	0.04	0.03	25.30	3579.64
	09/25/07	3604.94	25.37	25.35	0.02	0.02	25.35	3579.59
	10/02/07	3604.94	25.38	25.35	0.03	0.02	25.36	3579.58
	10/11/07	3604.94	25.31	25.28	0.03	0.02	25.29	3579.65
	10/22/07	3604.94	25.23	25.17	0.06	0.05	25.18	3579.76
	10/31/07	3604.94	25.31	25.30	0.01	0.01	25.30	3579.64
	11/12/07	3604.94	25.27	25.26	0.01	0.01	25.26	3579.68

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	11/19/07	3604.94	25.31	25.30	0.01	0.01	25.30	3579.64
	12/05/07	3604.94	25.31	25.29	0.02	0.02	25.29	3579.65
	12/10/07	3604.94	25.35	25.32	0.03	0.02	25.33	3579.61
	12/20/07	3604.94	25.37	25.35	0.02	0.02	25.35	3579.59
	01/02/08	3604.94	25.44	25.43	0.01	0.01	25.43	3579.51
	01/07/08	3604.94	25.50	25.43	0.07	0.06	25.44	3579.50
	01/28/08	3604.94	25.36	25.26	0.10	0.08	25.28	3579.66
	02/12/08	3604.94	25.58	25.56	0.02	0.02	25.56	3579.38
	02/26/08	3604.94	25.63	25.60	0.03	0.02	25.61	3579.33
	04/21/08	3604.94	25.51	25.50	0.01	0.01	25.50	3579.44
	04/28/08	3604.94	25.80	25.77	0.03	0.02	25.78	3579.16
	05/20/08	3604.94	25.83	25.81	0.02	0.02	25.81	3579.13
	06/02/08	3604.94	25.86	25.85	0.01	0.01	25.85	3579.09
	06/09/08	3604.94	25.88	25.87	0.01	0.01	25.87	3579.07
	06/16/08	3604.94	25.97	25.97	0.00	0.00	25.97	3578.97
	06/30/08	3604.94	26.00	26.00	0.00	0.00	26.00	3578.94
	07/14/08	3604.94	26.07	26.07	0.00	0.00	26.07	3578.87
	07/21/08	3604.94	25.81		0.00	0.00	25.81	3579.13
	08/06/08	3604.94	26.30		0.00	0.00	26.30	3578.64
	08/18/08	3604.94	26.36		0.00	0.00	26.36	3578.58
	09/09/08	3604.94	26.35		0.00	0.00	26.35	3578.59
	09/15/08	3604.94	26.30	26.30	0.00	0.00	26.30	3578.64
	09/22/08	3604.94	26.40		0.00	0.00	26.40	3578.54
	09/29/08	3604.94	26.45		0.00	0.00	26.45	3578.49
	10/07/08	3604.94	26.51		0.00	0.00	26.51	3578.43
	10/20/08	3604.94	26.28	26.24	0.04	0.03	26.25	3578.69
	10/28/08	3604.94	26.54		0.00	0.00	26.54	3578.40
	11/10/08	3604.94	26.51		0.00	0.00	26.51	3578.43
	11/24/08	3604.94	26.50		0.00	0.00	26.50	3578.44
	12/01/08	3604.94	26.49		0.00	0.00	26.49	3578.45
	12/08/08	3604.94	26.53		0.00	0.00	26.53	3578.41
	12/24/08	3604.94	26.52		0.00	0.00	26.52	3578.42
	12/29/08	3604.94	26.56		0.00	0.00	26.56	3578.38
	01/06/09	3604.94	26.63		0.00	0.00	26.63	3578.31
	01/14/09	3604.94	26.48		0.00	0.00	26.48	3578.46
	01/19/09	3604.94	26.33		0.00	0.00	26.33	3578.61
	01/26/09	3604.94	26.61		0.00	0.00	26.61	3578.33
	02/10/09	3604.94	26.70		0.00	0.00	26.70	3578.24
	02/26/09	3604.94	26.72		0.00	0.00	26.72	3578.22
	03/02/09	3604.94	26.66		0.00	0.00	26.66	3578.28
	03/09/09	3604.94	26.73		0.00	0.00	26.73	3578.21
	03/16/09	3604.94	26.74		0.00	0.00	26.74	3578.20
	03/24/09	3604.94	26.76		0.00	0.00	26.76	3578.18
	03/30/09	3604.94	26.66		0.00	0.00	26.66	3578.28
	04/06/09	3604.94	26.80		0.00	0.00	26.80	3578.14

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	04/14/09	3604.94	26.64		0.00	0.00	26.64	3578.30
	04/20/09	3604.94	26.57	26.56	0.01	0.01	26.56	3578.38
	04/28/09	3604.94	26.68		0.00	0.00	26.68	3578.26
	05/11/09	3604.94	26.81		0.00	0.00	26.81	3578.13
	05/26/09	3604.94	26.73		0.00	0.00	26.73	3578.21
	06/01/09	3604.94	26.86		0.00	0.00	26.86	3578.08
	06/09/09	3604.94	26.70		0.00	0.00	26.70	3578.24
	06/15/09	3604.94	26.90		0.00	0.00	26.90	3578.04
	06/29/09	3604.94	26.78		0.00	0.00	26.78	3578.16
	07/06/09	3604.94	26.80		0.00	0.00	26.80	3578.14
	07/14/09	3604.94	26.98		0.00	0.00	26.98	3577.96
	07/20/09	3604.94	26.84		0.00	0.00	26.84	3578.10
	07/27/09	3604.94	26.87		0.00	0.00	26.87	3578.07
	08/03/09	3604.94	27.02		0.00	0.00	27.02	3577.92
	08/12/09	3604.94	27.05		0.00	0.00	27.05	3577.89
	08/24/09	3604.94	26.95		0.00	0.00	26.95	3577.99
	08/31/09	3604.94	27.05		0.00	0.00	27.05	3577.89
	09/08/09	3604.94	26.92		0.00	0.00	26.92	3578.02
	09/16/09	3604.94	27.04		0.00	0.00	27.04	3577.90
	09/28/09	3604.94	26.88		0.00	0.00	26.88	3578.06
	10/05/09	3604.94	27.07		0.00	0.00	27.07	3577.87
	10/12/09	3604.94	27.06		0.00	0.00	27.06	3577.88
	10/26/09	3604.94	27.00	26.99	0.01	0.01	26.99	3577.95
	11/03/09	3604.94	26.93		0.00	0.00	26.93	3578.01
	11/10/09	3604.94	27.08		0.00	0.00	27.08	3577.86
	11/23/09	3604.94	27.03		0.00	0.00	27.03	3577.91
	11/30/09	3604.94	27.17		0.00	0.00	27.17	3577.77
	12/07/09	3604.94	27.08		0.00	0.00	27.08	3577.86
	12/22/09	3604.94	27.24		0.00	0.00	27.24	3577.70
	01/04/10	3604.94	27.14		0.00	0.00	27.14	3577.80
	01/11/10	3604.94	27.30		0.00	0.00	27.30	3577.64
	01/18/10	3604.94	27.12		0.00	0.00	27.12	3577.82
	01/25/10	3604.94	27.21		0.00	0.00	27.21	3577.73
	02/01/10	3604.94	27.29		0.00	0.00	27.29	3577.65
	02/08/10	3604.94	27.25		0.00	0.00	27.25	3577.69
	02/22/10	3604.94	27.44		0.00	0.00	27.44	3577.50
	02/01/10	3604.94	27.34		0.00	0.00	27.34	3577.60
	03/08/10	3604.94	27.46		0.00	0.00	27.46	3577.48
	03/22/10	3604.94	27.50		0.00	0.00	27.50	3577.44
	03/29/10	3604.94	27.35		0.00	0.00	27.35	3577.59
	04/05/10	3604.94	27.53		0.00	0.00	27.53	3577.41
	04/13/10	3604.94	27.36		0.00	0.00	27.36	3577.58
	04/19/10	3604.94	27.57		0.00	0.00	27.57	3577.37
	04/26/10	3604.94	27.39		0.00	0.00	27.39	3577.55
	05/03/10	3604.94	27.72		0.00	0.00	27.72	3577.22

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	05/14/10	3604.94	27.75		0.00	0.00	27.75	3577.19
	05/20/10	3604.94	27.62		0.00	0.00	27.62	3577.32
	05/27/10	3604.94	27.23		0.00	0.00	27.23	3577.71
	06/01/10	3604.94	27.67		0.00	0.00	27.67	3577.27
	06/07/10	3604.94	27.57		0.00	0.00	27.57	3577.37
	06/15/10	3604.94	27.81		0.00	0.00	27.81	3577.13
	06/28/10	3604.94	27.60		0.00	0.00	27.60	3577.34
	07/06/10	3604.94	27.45		0.00	0.00	27.45	3577.49
	07/13/10	3604.94	27.41		0.00	0.00	27.41	3577.53
	07/19/10	3604.94	27.49		0.00	0.00	27.49	3577.45
	07/26/10	3604.94	27.15		0.00	0.00	27.15	3577.79
	08/09/10	3604.94	27.32		0.00	0.00	27.32	3577.62
	08/16/10	3604.94	27.23		0.00	0.00	27.23	3577.71
	08/30/10	3604.94	27.24		0.00	0.00	27.24	3577.70
	09/07/10	3604.94	27.13		0.00	0.00	27.13	3577.81
	09/13/10	3604.94	27.19		0.00	0.00	27.19	3577.75
	09/20/10	3604.94	27.07		0.00	0.00	27.07	3577.87
	09/27/10	3604.94	27.18		0.00	0.00	27.18	3577.76
	10/04/10	3604.94	27.09		0.00	0.00	27.09	3577.85
	10/12/10	3604.94	27.20		0.00	0.00	27.20	3577.74
	10/19/10	3604.94	27.09		0.00	0.00	27.09	3577.85
	10/25/10	3604.94	26.92	26.92	0.00	0.00	26.92	3578.02
	11/01/10	3604.94	27.17		0.00	0.00	27.17	3577.77
	11/09/10	3604.94	27.22		0.00	0.00	27.22	3577.72
	11/22/10	3604.94	27.17		0.00	0.00	27.17	3577.77
	12/06/10	3604.94	27.30		0.00	0.00	27.30	3577.64
	12/13/10	3604.94	27.21		0.00	0.00	27.21	3577.73
	01/04/11	3604.94	27.45		0.00	0.00	27.45	3577.49
	01/10/11	3604.94	27.30		0.00	0.00	27.30	3577.64
	01/17/11	3604.94	27.36		0.00	0.00	27.36	3577.58
	01/24/11	3604.94	27.58		0.00	0.00	27.58	3577.36
	01/31/11	3604.94	27.43		0.00	0.00	27.43	3577.51
	02/07/11	3604.94	27.47		0.00	0.00	27.47	3577.47
	02/14/11	3604.94	27.66		0.00	0.00	27.66	3577.28
	03/01/11	3604.94	27.79		0.00	0.00	27.79	3577.15
	03/07/11	3604.94	27.75		0.00	0.00	27.75	3577.19
	03/21/11	3604.94	27.66		0.00	0.00	27.66	3577.28
	03/28/11	3604.94	27.80		0.00	0.00	27.80	3577.14
	04/18/11	3604.94	27.98		0.00	0.00	27.98	3576.96
	10/10/11	3604.94	28.23		0.00	0.00	28.23	3576.71
	05/30/12	3604.94	28.97		0.00	0.00	28.97	3575.97
MW-11 (RW-7)	03/01/01	3608.06	27.09		0.00	0.00	27.09	3580.97
	06/25/01	3608.06	27.30		0.00	0.00	27.30	3580.76
	09/25/01	3608.06	28.26	27.51	0.75	0.60	27.66	3580.40
	12/11/01	3608.06	28.36	27.50	0.86	0.69	27.67	3580.39
	05/21/02	3608.06	29.67	27.60	2.07	1.66	28.01	3580.05

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	06/16/02	3608.06	30.95	28.48	2.47	1.98	28.97	3579.09
	10/25/02	3608.06	30.73	27.90	2.83	2.26	28.47	3579.59
	11/04/02	3608.06	30.81	27.95	2.86	2.29	28.52	3579.54
	11/05/02	3608.06	30.97	27.92	3.05	2.44	28.53	3579.53
	02/24/03	3608.06	30.96	28.97	1.99	1.59	29.37	3578.69
	11/05/02	3608.06	30.57	29.83	0.74	0.59	29.98	3578.08
	02/25/03	3608.06	30.90	28.71	2.19	1.75	29.15	3578.91
	04/09/03	3608.06	30.96	28.97	1.99	1.59	29.37	3578.69
	09/11/03	3608.06	30.74	29.06	1.68	1.34	29.40	3578.66
	11/05/03	3608.06	31.25	29.82	1.43	1.14	30.11	3577.95
	01/19/04	3608.06	30.94	30.23	0.71	0.57	30.37	3577.69
	04/20/04	3608.06	30.53	30.48	0.05	0.04	30.49	3577.57
	07/20/04	3608.06	31.16	30.33	0.83	0.66	30.50	3577.56
	10/25/04	3608.06	29.10		0.00	0.00	29.10	3578.96
	01/24/05	3608.06	28.04	28.03	0.01	0.01	28.03	3580.03
	04/18/05	3608.06	27.75	27.73	0.02	0.02	27.73	3580.33
	07/18/05	3608.06	28.00	27.99	0.01	0.01	27.99	3580.07
	10/17/05	3608.06	27.90	27.89	0.01	0.01	27.89	3580.17
	12/28/05	3608.06	28.06	28.04	0.02	0.02	28.04	3580.02
	01/10/06	3608.06	28.10	28.09	0.01	0.01	28.09	3579.97
	01/23/06	3608.06	28.05	28.03	0.02	0.02	28.03	3580.03
	04/24/06	3608.06	28.44	28.40	0.04	0.03	28.41	3579.65
	07/24/06	3608.06	28.90	28.75	0.15	0.12	28.78	3579.28
	10/23/06	3608.06	28.74	28.65	0.09	0.07	28.67	3579.39
	01/23/07	3608.06	28.75	28.75	0.00	0.00	28.75	3579.31
	04/23/07	3608.06	29.11	28.99	0.12	0.10	29.01	3579.05
	07/23/07	3608.06	29.16	29.13	0.03	0.02	29.14	3578.92
	10/22/07	3608.06	29.18	29.16	0.02	0.02	29.16	3578.90
	01/28/08	3608.06	29.22	29.20	0.02	0.02	29.20	3578.86
	04/21/08	3608.06	29.44		0.00	0.00	29.44	3578.62
	07/21/08	3608.06	29.73		0.00	0.00	29.73	3578.33
	10/20/08	3608.06	29.95		0.00	0.00	29.95	3578.11
	01/19/09	3608.06	30.04		0.00	0.00	30.04	3578.02
	04/20/09	3608.06	30.39	30.38	0.01	0.01	30.38	3577.68
	07/27/09	3608.06	30.64		0.00	0.00	30.64	3577.42
	10/26/09	3608.06	30.77		0.00	0.00	30.77	3577.29
	01/25/10	3608.06	31.00		0.00	0.00	31.00	3577.06
	04/26/10	3608.06	31.16		0.00	0.00	31.16	3576.90
	07/26/10	3608.06	30.95		0.00	0.00	30.95	3577.11
	10/25/10	3608.06	30.76		0.00	0.00	30.76	3577.30
	01/24/11	3608.06	31.36		0.00	0.00	31.36	3576.70
	04/18/11	3608.06	31.35		0.00	0.00	31.35	3576.71
	10/10/11	3608.06	31.86		0.00	0.00	31.86	3576.20
	05/30/12	3608.06	NM, dry		0.00	0.00		NM, dry
MW-12 (SVE-9)	03/01/01	3604.40	23.87		0.00	0.00	23.87	3580.53
	06/25/01	3604.40	24.14		0.00	0.00	24.14	3580.26

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	09/25/01	3604.40	24.38		0.00	0.00	24.38	3580.02
	12/11/01	3604.40	24.62		0.00	0.00	24.62	3579.78
	05/21/02	3604.40	24.96		0.00	0.00	24.96	3579.44
	06/08/02	3604.40	25.64		0.00	0.00	25.64	3578.76
	06/15/02	3604.40	25.64		0.00	0.00	25.64	3578.76
	10/25/02	3604.14	25.83		0.00	0.00	25.83	3578.31
	10/26/02	3604.14	25.84		0.00	0.00	25.84	3578.30
	11/04/02	3604.14	25.66		0.00	0.00	25.66	3578.48
	11/05/02	3604.14	25.54		0.00	0.00	25.54	3578.60
	12/16/02	3604.14	25.52		0.00	0.00	25.52	3578.62
	01/22/03	3604.14	25.50		0.00	0.00	25.50	3578.64
	04/24/03	3604.14	25.58		0.00	0.00	25.58	3578.56
	09/11/03	3604.14	26.08		0.00	0.00	26.08	3578.06
	10/15/03	3604.14	26.33		0.00	0.00	26.33	3577.81
	01/19/04	3604.14	26.68		0.00	0.00	26.68	3577.46
	04/19/04	3604.14	26.57		0.00	0.00	26.57	3577.57
	07/20/04	3604.14	26.72		0.00	0.00	26.72	3577.42
	10/25/04	3604.14	25.07		0.00	0.00	25.07	3579.07
	01/24/05	3604.14	23.85		0.00	0.00	23.85	3580.29
	04/18/05	3604.14	23.55		0.00	0.00	23.55	3580.59
	07/18/05	3604.14	23.71		0.00	0.00	23.71	3580.43
	10/17/05	3604.14	23.65		0.00	0.00	23.65	3580.49
	01/10/06	3604.14	23.86		0.00	0.00	23.86	3580.28
	01/23/06	3604.14	23.89		0.00	0.00	23.89	3580.25
	04/24/06	3604.14	24.31		0.00	0.00	24.31	3579.83
	07/24/06	3604.14	24.70		0.00	0.00	24.70	3579.44
	10/23/06	3604.14	24.55		0.00	0.00	24.55	3579.59
	01/23/07	3604.14	24.60		0.00	0.00	24.60	3579.54
	04/23/07	3604.14	24.92		0.00	0.00	24.92	3579.22
	07/23/07	3604.14	25.02		0.00	0.00	25.02	3579.12
	10/22/07	3604.14	24.98		0.00	0.00	24.98	3579.16
	01/28/08	3604.14	25.09		0.00	0.00	25.09	3579.05
	04/21/08	3604.14	25.36		0.00	0.00	25.36	3578.78
	07/21/08	3604.14	25.70		0.00	0.00	25.70	3578.44
	10/20/08	3604.14	25.94		0.00	0.00	25.94	3578.20
	01/19/09	3604.14	26.00		0.00	0.00	26.00	3578.14
	04/20/09	3604.14	26.28		0.00	0.00	26.28	3577.86
	07/27/09	3604.14	26.60		0.00	0.00	26.60	3577.54
	10/26/09	3604.14	26.61		0.00	0.00	26.61	3577.53
	01/25/10	3604.14	26.59		0.00	0.00	26.59	3577.55
	04/26/10	3604.14	27.02		0.00	0.00	27.02	3577.12
	07/26/10	3604.14	26.76		0.00	0.00	26.76	3577.38
	10/25/10	3604.14	26.51		0.00	0.00	26.51	3577.63
	01/24/11	3604.14	26.94		0.00	0.00	26.94	3577.20
	04/18/11	3604.14	27.35		0.00	0.00	27.35	3576.79

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	10/10/11	3604.14	27.89		0.00	0.00	27.89	3576.25
	05/30/12	3604.14	28.63		0.00	0.00	28.63	3575.51
MW-13	03/01/01	3604.31	24.70		0.00	0.00	24.70	3579.61
	06/25/01	3604.31	24.95		0.00	0.00	24.95	3579.36
	09/25/01	3604.31	25.23		0.00	0.00	25.23	3579.08
	12/11/01	3604.31	25.48		0.00	0.00	25.48	3578.83
	05/21/02	3604.31	25.79		0.00	0.00	25.79	3578.52
	06/15/02	3604.31	25.85		0.00	0.00	25.85	3578.46
	09/20/02	3604.31	25.97		0.00	0.00	25.97	3578.34
	10/15/02	3604.31	26.11		0.00	0.00	26.11	3578.20
	10/22/02	3604.31	26.11		0.00	0.00	26.11	3578.20
	10/25/02	3604.31	26.13		0.00	0.00	26.13	3578.18
	10/26/02	3604.31	26.12		0.00	0.00	26.12	3578.19
	11/04/02	3604.31	26.05		0.00	0.00	26.05	3578.26
	11/05/02	3604.31	26.06		0.00	0.00	26.06	3578.25
	11/22/02	3604.31	26.01		0.00	0.00	26.01	3578.30
	11/29/02	3604.31	25.95		0.00	0.00	25.95	3578.36
	01/22/03	3604.31	25.88		0.00	0.00	25.88	3578.43
	02/14/03	3604.31	25.93		0.00	0.00	25.93	3578.38
	02/24/03	3604.31	25.96		0.00	0.00	25.96	3578.35
	04/24/03	3604.31	26.14		0.00	0.00	26.14	3578.17
	07/15/03	3604.31	26.40		0.00	0.00	26.40	3577.91
	09/11/03	3604.31	26.55		0.00	0.00	26.55	3577.76
	10/15/03	3604.31	26.71		0.00	0.00	26.71	3577.60
	01/19/04	3604.31	26.98		0.00	0.00	26.98	3577.33
	04/19/04	3604.31	26.95		0.00	0.00	26.95	3577.36
	07/20/04	3604.31	26.81		0.00	0.00	26.81	3577.50
	10/25/04	3604.31	24.95		0.00	0.00	24.95	3579.36
	01/24/05	3604.31	23.64		0.00	0.00	23.64	3580.67
	04/18/05	3604.31	23.46		0.00	0.00	23.46	3580.85
	07/18/05	3604.31	23.78		0.00	0.00	23.78	3580.53
	10/17/05	3604.31	23.72		0.00	0.00	23.72	3580.59
	01/23/06	3604.31	24.02		0.00	0.00	24.02	3580.29
	04/24/06	3604.31	24.50		0.00	0.00	24.50	3579.81
	07/24/06	3604.31	24.93		0.00	0.00	24.93	3579.38
	10/23/06	3604.31	24.66		0.00	0.00	24.66	3579.65
	01/23/07	3604.31	24.76		0.00	0.00	24.76	3579.55
	04/23/07	3604.31	25.12		0.00	0.00	25.12	3579.19
	07/23/07	3604.31	25.16		0.00	0.00	25.16	3579.15
	10/22/07	3604.31	25.04		0.00	0.00	25.04	3579.27
	01/28/08	3604.31	25.25		0.00	0.00	25.25	3579.06
	04/21/08	3604.31	25.60		0.00	0.00	25.60	3578.71
	07/21/08	3604.31	26.02		0.00	0.00	26.02	3578.29
	10/20/08	3604.31	26.19		0.00	0.00	26.19	3578.12
	01/19/09	3604.31	26.26		0.00	0.00	26.26	3578.05
	04/20/09	3604.31	26.60		0.00	0.00	26.60	3577.71

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	07/27/09	3604.31	26.92		0.00	0.00	26.92	3577.39
	10/26/09	3604.31	26.91		0.00	0.00	26.91	3577.40
	01/25/10	3604.31	27.19		0.00	0.00	27.19	3577.12
	04/26/10	3604.31	27.35		0.00	0.00	27.35	3576.96
	07/26/10	3604.31	27.07		0.00	0.00	27.07	3577.24
	10/25/10	3604.31	26.72		0.00	0.00	26.72	3577.59
	01/24/11	3604.31	27.21		0.00	0.00	27.21	3577.10
	04/18/11	3604.31	27.58		0.00	0.00	27.58	3576.73
	10/10/11	3604.31	28.19		0.00	0.00	28.19	3576.12
	05/30/12	3604.31	29.00		0.00	0.00	29.00	3575.31
MW-14 (SVE-11)	03/01/01	3604.11	23.96		0.00	0.00	23.96	3580.15
	06/25/01	3604.11	24.14		0.00	0.00	24.14	3579.97
	09/25/01	3604.11	24.45		0.00	0.00	24.45	3579.66
	12/11/01	3604.11	24.63		0.00	0.00	24.63	3579.48
	05/21/02	3604.11	25.00		0.00	0.00	25.00	3579.11
	06/15/02	3604.11	25.08		0.00	0.00	25.08	3579.03
	10/15/02	3603.77	25.82		0.00	0.00	25.82	3577.95
	01/22/03	3603.77	25.90		0.00	0.00	25.90	3577.87
	04/24/03	3603.77	25.92		0.00	0.00	25.92	3577.85
	07/15/03	3603.77	26.11		0.00	0.00	26.11	3577.66
	09/11/03	3603.77	26.26		0.00	0.00	26.26	3577.51
	10/15/03	3603.77	26.41		0.00	0.00	26.41	3577.36
	01/19/04	3603.77	26.68		0.00	0.00	26.68	3577.09
	04/19/04	3603.77	26.61		0.00	0.00	26.61	3577.16
	07/20/04	3603.77	26.75		0.00	0.00	26.75	3577.02
	10/25/04	3603.77	24.81		0.00	0.00	24.81	3578.96
	01/24/05	3603.77	23.76		0.00	0.00	23.76	3580.01
	04/18/05	3603.77	23.58		0.00	0.00	23.58	3580.19
	07/18/05	3603.77	23.83		0.00	0.00	23.83	3579.94
	10/17/05	3603.77	23.77		0.00	0.00	23.77	3580.00
	01/23/06	3603.77	24.03		0.00	0.00	24.03	3579.74
	04/24/06	3603.77	24.41		0.00	0.00	24.41	3579.36
	07/24/06	3603.77	24.80		0.00	0.00	24.80	3578.97
	10/23/06	3603.77	24.70		0.00	0.00	24.70	3579.07
	01/23/07	3603.77	24.79		0.00	0.00	24.79	3578.98
	04/23/07	3603.77	25.06		0.00	0.00	25.06	3578.71
	07/23/07	3603.77	25.19		0.00	0.00	25.19	3578.58
	10/22/07	3603.77	25.20		0.00	0.00	25.20	3578.57
	01/28/08	3603.77	25.30		0.00	0.00	25.30	3578.47
	04/21/08	3603.77	25.53		0.00	0.00	25.53	3578.24
	07/21/08	3603.77	25.83		0.00	0.00	25.83	3577.94
	10/20/08	3603.77	26.07		0.00	0.00	26.07	3577.70
	01/19/09	3603.77	26.15		0.00	0.00	26.15	3577.62
	04/20/09	3603.77	26.37		0.00	0.00	26.37	3577.40
	07/27/09	3603.77	26.65		0.00	0.00	26.65	3577.12
	10/26/09	3603.77	26.75		0.00	0.00	26.75	3577.02

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	01/25/10	3603.77	26.97		0.00	0.00	26.97	3576.80
	04/26/10	3603.77	27.14		0.00	0.00	27.14	3576.63
	07/26/10	3603.77	26.78		0.00	0.00	26.78	3576.99
	10/25/10	3603.77	26.64		0.00	0.00	26.64	3577.13
	01/24/11	3603.77	27.03		0.00	0.00	27.03	3576.74
	04/18/11	3603.77	27.36		0.00	0.00	27.36	3576.41
	10/10/11	3603.77	27.87		0.00	0.00	27.87	3575.90
	05/30/12	3603.77	28.55		0.00	0.00	28.55	3575.22
MW-15	03/01/01	3609.78	28.26	28.20	0.06	0.05	28.21	3581.57
(SVE-12)	06/25/01	3609.78	28.90	28.24	0.66	0.53	28.37	3581.41
	09/25/01	3609.78	NM		0.00	0.00		
	12/11/01	3609.78	NM		0.00	0.00		
	05/21/02	3609.78	29.77	28.98	0.79	0.63	29.14	3580.64
	06/08/02	3609.78	29.85	29.05	0.80	0.64	29.21	3580.57
	06/15/02	3609.23	30.42	29.65	0.77	0.62	29.80	3579.43
	10/25/02	3609.23	30.57	29.67	0.90	0.72	29.85	3579.38
	11/04/02	3609.23	30.62	29.80	0.82	0.66	29.96	3579.27
	11/22/02	3609.23	30.59	29.81	0.78	0.62	29.97	3579.26
	11/29/02	3609.23	30.59	29.70	0.89	0.71	29.88	3579.35
	02/08/03	3609.23	30.44	30.10	0.34	0.27	30.17	3579.06
	02/24/03	3609.23	30.51	30.09	0.42	0.34	30.17	3579.06
	04/07/03	3609.23	30.50	30.21	0.29	0.23	30.27	3578.96
	04/24/03	3609.23	30.44	30.24	0.20	0.16	30.28	3578.95
	11/05/02	3609.23	30.57	29.81	0.76	0.61	29.96	3579.27
	02/25/03	3609.23	30.51	30.09	0.42	0.34	30.17	3579.06
	04/09/03	3609.23	30.50	30.21	0.29	0.23	30.27	3578.96
	04/22/03	3609.23	30.49	30.27	0.22	0.18	30.31	3578.92
	06/25/03	3609.23	30.55	30.34	0.21	0.17	30.38	3578.85
	09/11/03	3609.23	30.79	30.52	0.27	0.22	30.57	3578.66
	11/05/03	3609.23	30.94	30.67	0.27	0.22	30.72	3578.51
	01/19/04	3609.23	31.11	30.87	0.24	0.19	30.92	3578.31
	04/19/04	3609.23	31.09	31.03	0.06	0.05	31.04	3578.19
	07/20/04	3609.23	31.32	31.10	0.22	0.18	31.14	3578.09
	10/25/04	3609.23	29.94		0.00	0.00	29.94	3579.29
	01/24/05	3609.23	28.72		0.00	0.00	28.72	3580.51
	04/18/05	3609.23	28.40		0.00	0.00	28.40	3580.83
	07/18/05	3609.23	28.39		0.00	0.00	28.39	3580.84
	10/17/05	3609.23	28.29		0.00	0.00	28.29	3580.94
	01/23/06	3609.23	28.44		0.00	0.00	28.44	3580.79
	04/24/06	3609.23	28.72		0.00	0.00	28.72	3580.51
	07/24/06	3609.23	29.12		0.00	0.00	29.12	3580.11
	10/23/06	3609.23	29.05		0.00	0.00	29.05	3580.18
	01/23/07	3609.23	29.12		0.00	0.00	29.12	3580.11
	04/23/07	3609.23	29.36		0.00	0.00	29.36	3579.87
	07/23/07	3609.23	29.53		0.00	0.00	29.53	3579.70
	10/22/07	3609.23	29.61		0.00	0.00	29.61	3579.62

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	01/28/08	3609.23	29.65		0.00	0.00	29.65	3579.58
	04/21/08	3609.23	29.84		0.00	0.00	29.84	3579.39
	07/21/08	3609.23	30.08		0.00	0.00	30.08	3579.15
	10/20/08	3609.23	30.30		0.00	0.00	30.30	3578.93
	01/19/09	3609.23	30.49		0.00	0.00	30.49	3578.74
	04/20/09	3609.23	30.70		0.00	0.00	30.70	3578.53
	07/27/09	3609.23	30.94		0.00	0.00	30.94	3578.29
	10/26/09	3609.23	31.13		0.00	0.00	31.13	3578.10
	01/25/10	3609.23	31.31		0.00	0.00	31.31	3577.92
	04/26/10	3609.23	31.50		0.00	0.00	31.50	3577.73
	07/26/10	3609.23	31.29		0.00	0.00	31.29	3577.94
	10/25/10	3609.23	31.18		0.00	0.00	31.18	3578.05
	01/24/11	3609.23	31.45		0.00	0.00	31.45	3577.78
	04/18/11	3609.23	31.72		0.00	0.00	31.72	3577.51
	10/10/11	3609.23	32.12		0.00	0.00	32.12	3577.11
	05/30/12	3609.23	32.75		0.00	0.00	32.75	3576.48
MW-16	03/01/01	3606.31	25.57		0.00	0.00	25.57	3580.74
	06/25/01	3606.31	25.78		0.00	0.00	25.78	3580.53
	09/25/01	3606.31	26.01		0.00	0.00	26.01	3580.30
	12/11/01	3606.31	26.21		0.00	0.00	26.21	3580.10
	05/21/02	3606.31	26.57		0.00	0.00	26.57	3579.74
	06/15/02	3606.31	26.64		0.00	0.00	26.64	3579.67
	06/16/02	3606.31	26.63		0.00	0.00	26.63	3579.68
	09/20/02	3606.31	26.80		0.00	0.00	26.80	3579.51
	10/15/02	3606.31	26.85		0.00	0.00	26.85	3579.46
	10/22/02	3606.31	26.88		0.00	0.00	26.88	3579.43
	10/25/02	3606.31	26.88		0.00	0.00	26.88	3579.43
	10/26/02	3606.31	26.88		0.00	0.00	26.88	3579.43
	11/04/02	3606.31	26.90		0.00	0.00	26.90	3579.41
	11/05/02	3606.31	26.91		0.00	0.00	26.91	3579.40
	01/22/03	3606.31	26.95		0.00	0.00	26.95	3579.36
	02/14/03	3606.31	26.95		0.00	0.00	26.95	3579.36
	02/24/03	3606.31	26.95		0.00	0.00	26.95	3579.36
	04/07/03	3606.31	27.05		0.00	0.00	27.05	3579.26
	04/24/03	3606.31	27.16		0.00	0.00	27.16	3579.15
	07/14/03	3606.31	27.25		0.00	0.00	27.25	3579.06
	08/02/03	3606.31	27.27		0.00	0.00	27.27	3579.04
	09/11/03	3606.31	27.35		0.00	0.00	27.35	3578.96
	10/15/03	3606.31	27.49		0.00	0.00	27.49	3578.82
	01/19/04	3606.31	27.68		0.00	0.00	27.68	3578.63
	04/19/04	3606.31	27.78		0.00	0.00	27.78	3578.53
	07/20/04	3606.31	27.89		0.00	0.00	27.89	3578.42
	10/25/04	3606.31	26.38		0.00	0.00	26.38	3579.93
	01/24/05	3606.31	25.11		0.00	0.00	25.11	3581.20
	04/18/05	3606.31	24.91		0.00	0.00	24.91	3581.40
	07/18/05	3606.31	25.04		0.00	0.00	25.04	3581.27

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	10/17/05	3606.31	24.99		0.00	0.00	24.99	3581.32
	01/23/06	3606.31	25.20		0.00	0.00	25.20	3581.11
	04/24/06	3606.31	25.56		0.00	0.00	25.56	3580.75
	07/24/06	3606.31	25.90		0.00	0.00	25.90	3580.41
	10/23/06	3606.31	25.84		0.00	0.00	25.84	3580.47
	01/23/07	3606.31	25.94		0.00	0.00	25.94	3580.37
	04/23/07	3606.31	26.16		0.00	0.00	26.16	3580.15
	07/23/07	3606.31	26.33		0.00	0.00	26.33	3579.98
	10/22/07	3606.31	26.40		0.00	0.00	26.40	3579.91
	01/28/08	3606.31	26.45		0.00	0.00	26.45	3579.86
	04/21/08	3606.31	26.66		0.00	0.00	26.66	3579.65
	07/21/08	3606.31	26.91		0.00	0.00	26.91	3579.40
	10/20/08	3606.31	27.13		0.00	0.00	27.13	3579.18
	01/19/09	3606.31	27.26		0.00	0.00	27.26	3579.05
	04/20/09	3606.31	27.50		0.00	0.00	27.50	3578.81
	07/27/09	3606.31	27.75		0.00	0.00	27.75	3578.56
	10/26/09	3606.31	27.93		0.00	0.00	27.93	3578.38
	01/25/10	3606.31	28.09		0.00	0.00	28.09	3578.22
	04/26/10	3606.31	28.27		0.00	0.00	28.27	3578.04
	07/26/10	3606.31	28.00		0.00	0.00	28.00	3578.31
	10/25/10	3606.31	27.88		0.00	0.00	27.88	3578.43
	01/24/11	3606.31	28.19		0.00	0.00	28.19	3578.12
	04/18/11	3606.31	28.47		0.00	0.00	28.47	3577.84
	10/10/11	3606.31	28.87		0.00	0.00	28.87	3577.44
	05/30/12	3606.31	29.50		0.00	0.00	29.50	3576.81
MW-17	03/01/01	3609.03	27.78		0.00	0.00	27.78	3581.25
	06/25/01	3609.03	27.99		0.00	0.00	27.99	3581.04
	09/25/01	3609.03	28.21		0.00	0.00	28.21	3580.82
	12/11/01	3609.03	28.39		0.00	0.00	28.39	3580.64
	05/21/02	3609.03	28.77		0.00	0.00	28.77	3580.26
	06/08/02	3609.03	28.80		0.00	0.00	28.80	3580.23
	06/13/02	3609.03	28.81		0.00	0.00	28.81	3580.22
	06/15/02	3609.03	28.81		0.00	0.00	28.81	3580.22
	09/20/02	3609.03	29.00		0.00	0.00	29.00	3580.03
	10/15/02	3609.03	29.07		0.00	0.00	29.07	3579.96
	10/22/02	3609.03	29.06		0.00	0.00	29.06	3579.97
	10/25/02	3609.03	29.06		0.00	0.00	29.06	3579.97
	10/26/02	3609.03	29.09		0.00	0.00	29.09	3579.94
	11/04/02	3609.03	29.10		0.00	0.00	29.10	3579.93
	11/05/02	3609.03	29.13		0.00	0.00	29.13	3579.90
	11/22/02	3609.03	29.16		0.00	0.00	29.16	3579.87
	12/16/02	3609.03	NM, dry					
	01/22/03	3609.03	29.15		0.00	0.00	29.15	3579.88
	02/08/03	3609.03	29.16		0.00	0.00	29.16	3579.87
	02/14/03	3609.03	29.17		0.00	0.00	29.17	3579.86
	02/24/03	3609.03	29.19		0.00	0.00	29.19	3579.84

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	04/24/03	3609.03	29.28		0.00	0.00	29.28	3579.75
	04/07/03	3609.03	29.23		0.00	0.00	29.23	3579.80
	07/14/03	3609.03	29.45		0.00	0.00	29.45	3579.58
	08/02/03	3609.03	29.49		0.00	0.00	29.49	3579.54
	09/11/03	3609.03	29.57		0.00	0.00	29.57	3579.46
	10/15/03	3609.03	29.70		0.00	0.00	29.70	3579.33
	01/19/04	3609.03	29.88		0.00	0.00	29.88	3579.15
	04/19/04	3609.03	NM, dry					
	07/20/04	3609.03	NM, dry					
	10/25/04	3609.03	28.88		0.00	0.00	28.88	3580.15
	01/24/05	3609.03	27.57		0.00	0.00	27.57	3581.46
	04/18/05	3609.03	27.31		0.00	0.00	27.31	3581.72
	07/18/05	3609.03	27.35		0.00	0.00	27.35	3581.68
	10/17/05	3609.03	27.26		0.00	0.00	27.26	3581.77
	01/23/06	3609.03	27.45		0.00	0.00	27.45	3581.58
	04/24/06	3609.03	27.79		0.00	0.00	27.79	3581.24
	07/24/06	3609.03	28.11		0.00	0.00	28.11	3580.92
	10/23/06	3609.03	28.08		0.00	0.00	28.08	3580.95
	01/23/07	3609.03	28.17		0.00	0.00	28.17	3580.86
	04/23/07	3609.03	28.37		0.00	0.00	28.37	3580.66
	07/23/07	3609.03	28.54		0.00	0.00	28.54	3580.49
	10/22/07	3609.03	28.66		0.00	0.00	28.66	3580.37
	01/28/08	3609.03	28.68		0.00	0.00	28.68	3580.35
	04/21/08	3609.03	28.87		0.00	0.00	28.87	3580.16
	07/21/08	3609.03	29.11		0.00	0.00	29.11	3579.92
	10/20/08	3609.03	29.33		0.00	0.00	29.33	3579.70
	01/19/09	3609.03	29.45		0.00	0.00	29.45	3579.58
	04/20/09	3609.03	29.70		0.00	0.00	29.70	3579.33
	07/27/09	3609.03	NM, dry		0.00	0.00		
	10/26/09	3609.03	NM, dry		0.00	0.00		
	01/25/10	3609.03	NM, dry		0.00	0.00		
	04/26/10	3609.03	NM, dry		0.00	0.00		
	07/26/10	3609.03	NM, dry		0.00	0.00		
	10/10/11	3610.03	NM, dry		0.00	0.00		
	05/30/12	3610.03	NM, dry		0.00	0.00		
MW-18 (SVE-13)	03/01/01	3605.71	25.59		0.00	0.00	25.59	3580.12
	06/25/01	3605.71	25.85		0.00	0.00	25.85	3579.86
	09/25/01	3605.71	26.10		0.00	0.00	26.10	3579.61
	12/11/01	3605.71	26.33		0.00	0.00	26.33	3579.38
	05/21/02	3605.71	26.70		0.00	0.00	26.70	3579.01
	06/15/02	3605.71	26.75		0.00	0.00	26.75	3578.96
	06/16/02	3605.71	26.74		0.00	0.00	26.74	3578.97
	09/20/02	3605.34	27.54		0.00	0.00	27.54	3577.80
	10/15/02	3605.34	27.55		0.00	0.00	27.55	3577.79
	10/22/02	3605.34	27.55		0.00	0.00	27.55	3577.79
	10/25/02	3605.34	27.54		0.00	0.00	27.54	3577.80

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to LPH	LPH Thickness	LPH Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
	10/26/02	3605.34	27.55		0.00	0.00	27.55	3577.79
	11/05/02	3605.34	27.35		0.00	0.00	27.35	3577.99
	11/22/02	3605.34	27.38		0.00	0.00	27.38	3577.96
	01/22/03	3605.34	27.43		0.00	0.00	27.43	3577.91
	02/24/03	3605.34	27.46		0.00	0.00	27.46	3577.88
	04/07/03	3605.34	27.57		0.00	0.00	27.57	3577.77
	04/24/03	3605.34	27.58		0.00	0.00	27.58	3577.76
	07/15/03	3605.34	27.78		0.00	0.00	27.78	3577.56
	08/02/03	3605.34	27.83		0.00	0.00	27.83	3577.51
	09/11/03	3605.34	28.01		0.00	0.00	28.01	3577.33
	10/15/03	3605.34	28.15		0.00	0.00	28.15	3577.19
	01/19/04	3605.34	28.42		0.00	0.00	28.42	3576.92
	04/19/04	3605.34	28.40		0.00	0.00	28.40	3576.94
	07/20/04	3605.34	28.38		0.00	0.00	28.38	3576.96
	10/25/04	3605.34	26.62		0.00	0.00	26.62	3578.72
	01/24/05	3605.34	25.37		0.00	0.00	25.37	3579.97
	04/18/05	3605.34	25.15		0.00	0.00	25.15	3580.19
	07/18/05	3605.34	25.36		0.00	0.00	25.36	3579.98
	10/17/05	3605.34	25.33		0.00	0.00	25.33	3580.01
	01/23/06	3605.34	25.59		0.00	0.00	25.59	3579.75
	04/24/06	3605.34	26.01		0.00	0.00	26.01	3579.33
	07/24/06	3605.34	26.41		0.00	0.00	26.41	3578.93
	10/23/06	3605.34	26.25		0.00	0.00	26.25	3579.09
	01/23/07	3605.34	26.32		0.00	0.00	26.32	3579.02
	04/23/07	3605.34	26.63		0.00	0.00	26.63	3578.71
	07/23/07	3605.34	26.73		0.00	0.00	26.73	3578.61
	10/22/07	3605.34	26.70		0.00	0.00	26.70	3578.64
	01/28/08	3605.34	26.81		0.00	0.00	26.81	3578.53
	04/21/08	3605.34	27.09		0.00	0.00	27.09	3578.25
	07/21/08	3605.34	27.45		0.00	0.00	27.45	3577.89
	10/20/08	3605.34	27.65		0.00	0.00	27.65	3577.69
	01/19/09	3605.34	27.75		0.00	0.00	27.75	3577.59
	04/20/09	3605.34	28.05		0.00	0.00	28.05	3577.29
	07/27/09	3605.34	28.36		0.00	0.00	28.36	3576.98
	10/26/09	3605.34	28.41		0.00	0.00	28.41	3576.93
	01/25/10	3605.34	28.65		0.00	0.00	28.65	3576.69
	04/26/10	3605.34	28.83		0.00	0.00	28.83	3576.51
	07/26/10	3605.34	28.56		0.00	0.00	28.56	3576.78
	10/25/10	3605.34	28.30		0.00	0.00	28.30	3577.04
	01/24/11	3605.34	27.21		0.00	0.00	27.21	3578.13
	04/18/11	3605.34	27.05		0.00	0.00	27.05	3578.29
	10/10/11	3605.34	29.60		0.00	0.00	29.60	3575.74
	05/30/12	3605.34	30.33		0.00	0.00	30.33	3575.01
MW-19	03/01/01	3606.69	27.20		0.00	0.00	27.20	3579.49
	06/25/01	3606.69	27.45		0.00	0.00	27.45	3579.24
	09/25/01	3606.69	27.71		0.00	0.00	27.71	3578.98

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	12/11/01	3606.69	27.93		0.00	0.00	27.93	3578.76
	05/21/02	3606.69	28.26		0.00	0.00	28.26	3578.43
	06/08/02	3606.69	28.30		0.00	0.00	28.30	3578.39
	06/15/02	3606.69	28.33		0.00	0.00	28.33	3578.36
	09/20/02	3606.69	28.54		0.00	0.00	28.54	3578.15
	10/15/02	3606.69	28.57		0.00	0.00	28.57	3578.12
	10/22/02	3606.69	28.57		0.00	0.00	28.57	3578.12
	10/25/02	3606.69	28.55		0.00	0.00	28.55	3578.14
	10/26/02	3606.69	28.58		0.00	0.00	28.58	3578.11
	11/04/02	3606.69	28.58		0.00	0.00	28.58	3578.11
	11/05/02	3606.69	28.56		0.00	0.00	28.56	3578.13
	11/22/02	3606.69	28.55		0.00	0.00	28.55	3578.14
	11/29/02	3606.69	28.54		0.00	0.00	28.54	3578.15
	12/16/02	3606.69	28.54		0.00	0.00	28.54	3578.15
	01/22/03	3606.69	28.48		0.00	0.00	28.48	3578.21
	02/08/03	3606.69	28.50		0.00	0.00	28.50	3578.19
	02/14/03	3606.69	28.51		0.00	0.00	28.51	3578.18
	02/24/03	3606.69	28.51		0.00	0.00	28.51	3578.18
	04/24/03	3606.69	28.62		0.00	0.00	28.62	3578.07
	07/15/03	3606.69	28.90		0.00	0.00	28.90	3577.79
	08/02/03	3606.69	28.93		0.00	0.00	28.93	3577.76
	09/11/03	3606.69	29.03		0.00	0.00	29.03	3577.66
	10/15/03	3606.69	29.18		0.00	0.00	29.18	3577.51
	01/19/04	3606.69	29.42		0.00	0.00	29.42	3577.27
	04/19/04	3606.69	29.40		0.00	0.00	29.40	3577.29
	07/20/04	3606.69	29.40		0.00	0.00	29.40	3577.29
	10/25/04	3606.69	27.19		0.00	0.00	27.19	3579.50
	01/24/05	3606.69	26.20		0.00	0.00	26.20	3580.49
	04/18/05	3606.69	26.11		0.00	0.00	26.11	3580.58
	07/18/05	3606.69	26.40		0.00	0.00	26.40	3580.29
	10/17/05	3606.69	26.41		0.00	0.00	26.41	3580.28
	01/23/06	3606.69	26.68		0.00	0.00	26.68	3580.01
	04/24/06	3606.69	27.09		0.00	0.00	27.09	3579.60
	07/24/06	3606.69	27.49		0.00	0.00	27.49	3579.20
	10/23/06	3606.69	27.37		0.00	0.00	27.37	3579.32
	01/23/07	3606.69	27.46		0.00	0.00	27.46	3579.23
	04/23/07	3606.69	27.76		0.00	0.00	27.76	3578.93
	07/23/07	3606.69	27.85		0.00	0.00	27.85	3578.84
	10/22/07	3606.69	27.83		0.00	0.00	27.83	3578.86
	01/28/08	3606.69	27.95		0.00	0.00	27.95	3578.74
	04/21/08	3606.69	28.23		0.00	0.00	28.23	3578.46
	07/21/08	3606.69	28.59		0.00	0.00	28.59	3578.10
	10/20/08	3606.69	28.80		0.00	0.00	28.80	3577.89
	01/19/09	3606.69	28.90		0.00	0.00	28.90	3577.79
	04/20/09	3606.69	29.18		0.00	0.00	29.18	3577.51

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	07/27/09	3606.69	29.47		0.00	0.00	29.47	3577.22
	10/26/09	3606.69	29.52		0.00	0.00	29.52	3577.17
	01/25/10	3606.69	29.75		0.00	0.00	29.75	3576.94
	04/26/10	3606.69	29.90		0.00	0.00	29.90	3576.79
	07/26/10	3606.69	29.62		0.00	0.00	29.62	3577.07
	10/25/10	3606.69	29.39		0.00	0.00	29.39	3577.30
	01/24/11	3606.69	29.80		0.00	0.00	29.80	3576.89
	04/18/11	3606.69	30.11		0.00	0.00	30.11	3576.58
	10/10/11	3606.69	30.63		0.00	0.00	30.63	3576.06
	05/30/12	3606.69	34.12		0.00	0.00	34.12	3572.57
MW-20	03/01/01	3606.25	30.24		0.00	0.00	30.24	3576.01
	06/08/01	3606.25	31.26		0.00	0.00	31.26	3574.99
	06/25/01	3606.25	31.45		0.00	0.00	31.45	3574.80
	09/25/01	3606.25	31.67		0.00	0.00	31.67	3574.58
	12/11/01	3606.25	30.84		0.00	0.00	30.84	3575.41
	05/21/02	3606.25	31.21		0.00	0.00	31.21	3575.04
	06/08/02	3606.25	31.26		0.00	0.00	31.26	3574.99
	06/13/02	3606.25	31.28		0.00	0.00	31.28	3574.97
	06/15/02	3606.25	31.28		0.00	0.00	31.28	3574.97
	09/20/02	3606.25	31.46		0.00	0.00	31.46	3574.79
	10/15/02	3606.25	31.52		0.00	0.00	31.52	3574.73
	10/22/02	3606.25	31.53		0.00	0.00	31.53	3574.72
	10/25/02	3606.25	31.52		0.00	0.00	31.52	3574.73
	10/26/02	3606.25	31.54		0.00	0.00	31.54	3574.71
	11/04/02	3606.25	31.56		0.00	0.00	31.56	3574.69
	11/05/02	3606.25	31.56		0.00	0.00	31.56	3574.69
	11/22/02	3606.25	31.59		0.00	0.00	31.59	3574.66
	11/29/02	3606.25	31.56		0.00	0.00	31.56	3574.69
	12/16/02	3606.25	31.65		0.00	0.00	31.65	3574.60
	01/22/03	3606.25	31.60		0.00	0.00	31.60	3574.65
	02/08/03	3606.25	31.65		0.00	0.00	31.65	3574.60
	02/14/03	3606.25	31.64		0.00	0.00	31.64	3574.61
	02/24/03	3606.25	31.64		0.00	0.00	31.64	3574.61
	04/07/03	3606.25	31.75		0.00	0.00	31.75	3574.50
	04/24/03	3606.25	31.76		0.00	0.00	31.76	3574.49
	07/15/03	3606.25	31.90		0.00	0.00	31.90	3574.35
	08/02/03	3606.25	31.95		0.00	0.00	31.95	3574.30
	09/11/03	3606.25	32.04		0.00	0.00	32.04	3574.21
	10/15/03	3606.25	32.17		0.00	0.00	32.17	3574.08
	01/19/04	3606.25	32.35		0.00	0.00	32.35	3573.90
	04/19/04	3606.25	32.46		0.00	0.00	32.46	3573.79
	07/20/04	3606.25	32.59		0.00	0.00	32.59	3573.66
	10/25/04	3606.25	31.22		0.00	0.00	31.22	3575.03
	01/24/05	3606.25	29.97		0.00	0.00	29.97	3576.28
	04/18/05	3606.25	29.78		0.00	0.00	29.78	3576.47
	07/18/05	3606.25	29.85		0.00	0.00	29.85	3576.40

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	10/17/05	3606.25	29.75		0.00	0.00	29.75	3576.50
	01/23/06	3606.25	29.95		0.00	0.00	29.95	3576.30
	04/24/06	3606.25	30.28		0.00	0.00	30.28	3575.97
	07/24/06	3606.25	30.59		0.00	0.00	30.59	3575.66
	10/23/06	3606.25	30.55		0.00	0.00	30.55	3575.70
	01/23/07	3606.25	30.68		0.00	0.00	30.68	3575.57
	04/23/07	3606.25	30.89		0.00	0.00	30.89	3575.36
	07/23/07	3606.25	31.08		0.00	0.00	31.08	3575.17
	10/22/07	3606.25	31.16		0.00	0.00	31.16	3575.09
	01/28/08	3606.50	31.21		0.00	0.00	31.21	3575.29
	04/21/08	3606.50	31.38		0.00	0.00	31.38	3575.12
	07/21/08	3606.50	31.62		0.00	0.00	31.62	3574.88
	10/20/08	3606.50	31.82		0.00	0.00	31.82	3574.68
	01/19/09	3606.50	32.00		0.00	0.00	32.00	3574.50
	04/20/09	3606.50	32.22		0.00	0.00	32.22	3574.28
	07/27/09	3606.50	32.45		0.00	0.00	32.45	3574.05
	10/26/09	3606.50	32.63		0.00	0.00	32.63	3573.87
	01/25/10	3606.50	32.79		0.00	0.00	32.79	3573.71
	04/26/10	3606.50	32.98		0.00	0.00	32.98	3573.52
	07/26/10	3606.50	32.67		0.00	0.00	32.67	3573.83
	10/25/10	3606.50	32.69		0.00	0.00	32.69	3573.81
	01/24/11	3606.50	32.92		0.00	0.00	32.92	3573.58
	04/18/11	3606.50	33.18		0.00	0.00	33.18	3573.32
	10/10/11	3606.50	33.55		0.00	0.00	33.55	3572.95
	05/30/12	3606.50	34.12		0.00	0.00	34.12	3572.38
MW-21	06/08/02	3603.51	24.62		0.00	0.00	24.62	3578.89
	06/13/02	3603.51	24.61		0.00	0.00	24.61	3578.90
	06/15/02	3603.51	24.63		0.00	0.00	24.63	3578.88
	09/20/02	3603.51	24.81		0.00	0.00	24.81	3578.70
	10/15/02	3603.51	24.86		0.00	0.00	24.86	3578.65
	10/22/02	3603.51	24.88		0.00	0.00	24.88	3578.63
	10/25/02	3603.51	24.92		0.00	0.00	24.92	3578.59
	10/26/02	3603.51	24.92		0.00	0.00	24.92	3578.59
	11/04/02	3603.51	24.93		0.00	0.00	24.93	3578.58
	11/05/02	3603.51	24.90		0.00	0.00	24.90	3578.61
	11/22/02	3603.51	24.87		0.00	0.00	24.87	3578.64
	11/29/02	3603.51	24.90		0.00	0.00	24.90	3578.61
	12/16/02	3603.51	24.95		0.00	0.00	24.95	3578.56
	01/22/03	3603.51	24.88		0.00	0.00	24.88	3578.63
	02/08/03	3603.51	24.89		0.00	0.00	24.89	3578.62
	02/14/03	3603.51	24.89		0.00	0.00	24.89	3578.62
	02/24/03	3603.51	24.90		0.00	0.00	24.90	3578.61
	04/07/03	3603.51	25.00		0.00	0.00	25.00	3578.51
	04/24/03	3603.51	25.01		0.00	0.00	25.01	3578.50
	07/15/03	3603.51	25.20		0.00	0.00	25.20	3578.31
	08/02/03	3603.51	25.28		0.00	0.00	25.28	3578.23

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	09/11/03	3603.51	25.35		0.00	0.00	25.35	3578.16
	10/15/03	3603.51	25.48		0.00	0.00	25.48	3578.03
	01/19/04	3603.51	25.68		0.00	0.00	25.68	3577.83
	04/19/04	3603.51	25.68		0.00	0.00	25.68	3577.83
	07/20/04	3603.51	25.81		0.00	0.00	25.81	3577.70
	10/25/04	3603.51	23.56		0.00	0.00	23.56	3579.95
	01/24/05	3603.51	22.70		0.00	0.00	22.70	3580.81
	04/18/05	3603.51	22.64		0.00	0.00	22.64	3580.87
	07/18/05	3603.51	22.88		0.00	0.00	22.88	3580.63
	10/17/05	3603.51	22.88		0.00	0.00	22.88	3580.63
	01/23/06	3603.51	23.13		0.00	0.00	23.13	3580.38
	04/24/06	3603.51	23.49		0.00	0.00	23.49	3580.02
	07/24/06	3603.51	23.86		0.00	0.00	23.86	3579.65
	10/23/06	3603.51	23.82		0.00	0.00	23.82	3579.69
	01/23/07	3603.51	23.92		0.00	0.00	23.92	3579.59
	04/23/07	3603.51	24.15		0.00	0.00	24.15	3579.36
	07/23/07	3603.51	24.32		0.00	0.00	24.32	3579.19
	10/22/07	3603.51	24.35		0.00	0.00	24.35	3579.16
	01/28/08	3603.51	24.45		0.00	0.00	24.45	3579.06
	04/21/08	3603.51	24.65		0.00	0.00	24.65	3578.86
	07/21/08	3603.51	24.95		0.00	0.00	24.95	3578.56
	10/20/08	3603.51	25.17		0.00	0.00	25.17	3578.34
	01/19/09	3603.51	25.29		0.00	0.00	25.29	3578.22
	04/20/09	3603.51	25.50		0.00	0.00	25.50	3578.01
	07/27/09	3603.51	25.79		0.00	0.00	25.79	3577.72
	10/26/09	3603.51	25.91		0.00	0.00	25.91	3577.60
	01/25/10	3603.51	26.10		0.00	0.00	26.10	3577.41
	04/26/10	3603.51	26.26		0.00	0.00	26.26	3577.25
	07/26/10	3603.51	25.89		0.00	0.00	25.89	3577.62
	10/25/10	3603.51	25.81		0.00	0.00	25.81	3577.70
	01/24/11	3603.51	25.16		0.00	0.00	25.16	3578.35
	04/18/11	3603.51	26.45		0.00	0.00	26.45	3577.06
	10/10/11	3603.51	26.90		0.00	0.00	26.90	3576.61
	05/30/12	3603.51	27.52		0.00	0.00	27.52	3575.99
MW-22	06/08/02	3603.27	24.20		0.00	0.00	24.20	3579.07
	06/13/02	3603.27	24.41		0.00	0.00	24.41	3578.86
	06/15/02	3603.27	24.44		0.00	0.00	24.44	3578.83
	09/20/02	3603.27	24.59		0.00	0.00	24.59	3578.68
	10/15/02	3603.27	24.69		0.00	0.00	24.69	3578.58
	10/22/02	3603.27	24.67		0.00	0.00	24.67	3578.60
	10/25/02	3603.27	24.66		0.00	0.00	24.66	3578.61
	10/26/02	3603.27	24.70		0.00	0.00	24.70	3578.57
	11/04/02	3603.27	24.63		0.00	0.00	24.63	3578.64
	11/05/02	3603.27	24.55		0.00	0.00	24.55	3578.72
	11/22/02	3603.27	24.55		0.00	0.00	24.55	3578.72
	11/29/02	3603.27	24.51		0.00	0.00	24.51	3578.76

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	12/16/02	3603.27	24.50		0.00	0.00	24.50	3578.77
	01/22/03	3603.27	24.40		0.00	0.00	24.40	3578.87
	02/08/03	3603.27	24.44		0.00	0.00	24.44	3578.83
	02/14/03	3603.27	24.45		0.00	0.00	24.45	3578.82
	02/24/03	3603.27	24.50		0.00	0.00	24.50	3578.77
	04/07/03	3603.27	24.67		0.00	0.00	24.67	3578.60
	04/24/03	3603.27	24.67		0.00	0.00	24.67	3578.60
	07/15/03	3603.27	25.00		0.00	0.00	25.00	3578.27
	08/02/03	3603.27	25.09		0.00	0.00	25.09	3578.18
	09/11/03	3603.27	25.16		0.00	0.00	25.16	3578.11
	10/15/03	3603.27	25.30		0.00	0.00	25.30	3577.97
	01/19/04	3603.27	25.60		0.00	0.00	25.60	3577.67
	04/19/04	3603.27	25.59		0.00	0.00	25.59	3577.68
	07/20/04	3603.27	25.35		0.00	0.00	25.35	3577.92
	10/25/04	3603.27	23.79		0.00	0.00	23.79	3579.48
	01/24/05	3603.27	22.25		0.00	0.00	22.25	3581.02
	04/18/05	3603.27	21.95		0.00	0.00	21.95	3581.32
	07/18/05	3603.27	22.25		0.00	0.00	22.25	3581.02
	10/17/05	3603.27	22.17		0.00	0.00	22.17	3581.10
	01/23/06	3603.27	22.49		0.00	0.00	22.49	3580.78
	04/24/06	3603.27	22.99		0.00	0.00	22.99	3580.28
	07/24/06	3603.27	23.42		0.00	0.00	23.42	3579.85
	10/23/06	3603.27	23.09		0.00	0.00	23.09	3580.18
	01/23/07	3603.27	23.17		0.00	0.00	23.17	3580.10
	04/23/07	3603.27	23.56		0.00	0.00	23.56	3579.71
	07/23/07	3603.27	23.57		0.00	0.00	23.57	3579.70
	10/22/07	3603.27	23.58		0.00	0.00	23.58	3579.69
	01/28/08	3603.27	23.63		0.00	0.00	23.63	3579.64
	04/21/08	3603.27	24.01		0.00	0.00	24.01	3579.26
	07/21/08	3603.27	24.46		0.00	0.00	24.46	3578.81
	10/20/08	3603.27	24.65		0.00	0.00	24.65	3578.62
	01/19/09	3603.27	24.73		0.00	0.00	24.73	3578.54
	04/20/09	3603.27	25.08		0.00	0.00	25.08	3578.19
	07/27/09	3603.27	25.42		0.00	0.00	25.42	3577.85
	10/26/09	3603.27	25.40		0.00	0.00	25.40	3577.87
	01/25/10	3603.27	25.68		0.00	0.00	25.68	3577.59
	04/26/10	3603.27	25.84		0.00	0.00	25.84	3577.43
	07/26/10	3603.27	25.61		0.00	0.00	25.61	3577.66
	10/25/10	3603.27	25.20		0.00	0.00	25.20	3578.07
	01/24/11	3603.27	25.72		0.00	0.00	25.72	3577.55
	04/18/11	3603.27	26.10		0.00	0.00	26.10	3577.17
	10/10/11	3603.27	26.75		0.00	0.00	26.75	3576.52
	05/30/12	3603.27	27.59		0.00	0.00	27.59	3575.68
MW-23	06/08/02	3604.62	25.15		0.00	0.00	25.15	3579.47
	06/13/02	3604.62	25.13		0.00	0.00	25.13	3579.49
	06/15/02	3604.62	25.15		0.00	0.00	25.15	3579.47

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	09/20/02	3604.62	25.30		0.00	0.00	25.30	3579.32
	10/15/02	3604.62	25.40		0.00	0.00	25.40	3579.22
	10/22/02	3604.62	25.38		0.00	0.00	25.38	3579.24
	10/25/02	3604.62	25.40		0.00	0.00	25.40	3579.22
	10/26/02	3604.62	25.39		0.00	0.00	25.39	3579.23
	11/04/02	3604.62	25.40		0.00	0.00	25.40	3579.22
	11/05/02	3604.62	25.40		0.00	0.00	25.40	3579.22
	11/22/02	3604.62	25.41		0.00	0.00	25.41	3579.21
	11/29/02	3604.62	25.34		0.00	0.00	25.34	3579.28
	12/16/02	3604.62	25.15		0.00	0.00	25.15	3579.47
	01/22/03	3604.62	25.15		0.00	0.00	25.15	3579.47
	02/08/03	3604.62	25.17		0.00	0.00	25.17	3579.45
	02/14/03	3604.62	25.26		0.00	0.00	25.26	3579.36
	02/24/03	3604.62	25.40		0.00	0.00	25.40	3579.22
	04/07/03	3604.62	25.45		0.00	0.00	25.45	3579.17
	04/24/03	3604.62	25.48		0.00	0.00	25.48	3579.14
	07/15/03	3604.62	25.70		0.00	0.00	25.70	3578.92
	08/02/03	3604.62	25.77		0.00	0.00	25.77	3578.85
	09/11/03	3604.62	25.85		0.00	0.00	25.85	3578.77
	10/15/03	3604.62	26.02		0.00	0.00	26.02	3578.60
	01/19/04	3604.62	26.31		0.00	0.00	26.31	3578.31
	04/19/04	3604.62	26.34		0.00	0.00	26.34	3578.28
	07/20/04	3604.62	26.17		0.00	0.00	26.17	3578.45
	10/25/04	3604.62	24.56		0.00	0.00	24.56	3580.06
	01/24/05	3604.62	23.25		0.00	0.00	23.25	3581.37
	04/18/05	3604.62	22.85		0.00	0.00	22.85	3581.77
	07/18/05	3604.62	23.04		0.00	0.00	23.04	3581.58
	10/17/05	3604.62	22.97		0.00	0.00	22.97	3581.65
	01/23/06	3604.62	23.22		0.00	0.00	23.22	3581.40
	04/24/06	3604.62	23.69		0.00	0.00	23.69	3580.93
	07/24/06	3604.62	24.12		0.00	0.00	24.12	3580.50
	10/23/06	3604.62	23.85		0.00	0.00	23.85	3580.77
	01/23/07	3604.62	23.86		0.00	0.00	23.86	3580.76
	04/23/07	3604.62	24.24		0.00	0.00	24.24	3580.38
	07/23/07	3604.62	24.28		0.00	0.00	24.28	3580.34
	10/22/07	3604.62	24.26		0.00	0.00	24.26	3580.36
	01/28/08	3604.62	24.34		0.00	0.00	24.34	3580.28
	04/21/08	3604.62	24.66		0.00	0.00	24.66	3579.96
	07/21/08	3604.62	25.09		0.00	0.00	25.09	3579.53
	10/20/08	3604.62	25.32		0.00	0.00	25.32	3579.30
	01/19/09	3604.62	25.40		0.00	0.00	25.40	3579.22
	04/20/09	3604.62	25.70		0.00	0.00	25.70	3578.92
	07/27/09	3604.62	26.07		0.00	0.00	26.07	3578.55
	10/26/09	3604.62	26.10		0.00	0.00	26.10	3578.52
	01/25/10	3604.62	26.39		0.00	0.00	26.39	3578.23

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	04/26/10	3604.62	26.59		0.00	0.00	26.59	3578.03
	07/26/10	3604.62	26.37		0.00	0.00	26.37	3578.25
	10/25/10	3604.62	26.01		0.00	0.00	26.01	3578.61
	01/24/11	3604.62	26.45		0.00	0.00	26.45	3578.17
	04/18/11	3604.62	26.82		0.00	0.00	26.82	3577.80
	10/10/11	3604.62	27.45		0.00	0.00	27.45	3577.17
	05/30/12	3604.62	28.29		0.00	0.00	28.29	3576.33
MW-24	01/25/10	3608.89	30.11		0.00	0.00	30.11	3578.78
	04/26/10	3608.89	30.29		0.00	0.00	30.29	3578.60
	07/26/10	3608.89	30.08		0.00	0.00	30.08	3578.81
	10/25/10	3608.89	29.96		0.00	0.00	29.96	3578.93
	01/24/11	3608.89	30.24		0.00	0.00	30.24	3578.65
	04/18/11	3608.89	30.51		0.00	0.00	30.51	3578.38
	10/10/11	3608.89	30.92		0.00	0.00	30.92	3577.97
	05/30/12	3608.89	31.59		0.00	0.00	31.59	3577.30
MW-25	01/25/10	3609.81	31.00		0.00	0.00	31.00	3578.81
	04/26/10	3609.81	31.19		0.00	0.00	31.19	3578.62
	07/26/10	3609.81	30.96		0.00	0.00	30.96	3578.85
	10/25/10	3609.81	30.87		0.00	0.00	30.87	3578.94
	01/24/11	3609.81	31.14		0.00	0.00	31.14	3578.67
	04/18/11	3609.81	31.40		0.00	0.00	31.40	3578.41
	10/10/11	3609.81	31.79		0.00	0.00	31.79	3578.02
	05/30/12	3609.81	32.43		0.00	0.00	32.43	3577.38
MW-26	01/25/10	3604.86	26.54		0.00	0.00	26.54	3578.32
	04/26/10	3604.86	26.71		0.00	0.00	26.71	3578.15
	07/26/10	3604.86	26.50		0.00	0.00	26.50	3578.36
	10/25/10	3604.86	26.19		0.00	0.00	26.19	3578.67
	01/24/11	3604.86	26.61		0.00	0.00	26.61	3578.25
	04/18/11	3604.86	26.94		0.00	0.00	26.94	3577.92
	10/10/11	3604.86	27.51		0.00	0.00	27.51	3577.35
	05/30/12	3604.86	28.32		0.00	0.00	28.32	3576.54
MW-27	01/25/10	3604.99	26.70		0.00	0.00	26.70	3578.29
	04/26/10	3604.99	26.87		0.00	0.00	26.87	3578.12
	07/26/10	3604.99	26.66		0.00	0.00	26.66	3578.33
	10/25/10	3604.99	26.35		0.00	0.00	26.35	3578.64
	01/24/11	3604.99	26.77		0.00	0.00	26.77	3578.22
	04/18/11	3604.99	27.10		0.00	0.00	27.10	3577.89
	10/10/11	3604.99	27.67		0.00	0.00	27.67	3577.32
	05/30/12	3604.99	28.46		0.00	0.00	28.46	3576.53
SVE-10	06/15/02	3605.12	25.24		0.00	0.00	25.24	3579.88
	11/04/02	3605.12	25.43		0.00	0.00	25.43	3579.69
	11/05/02	3605.12	25.44		0.00	0.00	25.44	3579.68
	11/22/02	3605.12	25.58		0.00	0.00	25.58	3579.54
	11/29/02	3605.12	25.63		0.00	0.00	25.63	3579.49
	12/16/02	3605.12	25.68		0.00	0.00	25.68	3579.44

TABLE 2

HISTORICAL WATER LEVEL MEASUREMENTS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Casing Elevation*	*Depth to Water*	*Depth to LPH*	*LPH Thickness*	*LPH Thickness X 0.8*	*Adjusted Depth to Water*	*Groundwater Elevation*
	01/22/03	3605.12	25.70		0.00	0.00	25.70	3579.42
	02/08/03	3605.12	25.73		0.00	0.00	25.73	3579.39
	02/14/03	3605.12	25.70		0.00	0.00	25.70	3579.42
	02/24/03	3605.12	25.73		0.00	0.00	25.73	3579.39
	04/07/03	3605.12	25.93		0.00	0.00	25.93	3579.19
	04/24/03	3605.12	25.84		0.00	0.00	25.84	3579.28
	07/15/03	3605.12	25.86		0.00	0.00	25.86	3579.26
	08/02/03	3605.12	25.93		0.00	0.00	25.93	3579.19
	10/15/03	3605.12	25.94		0.00	0.00	25.94	3579.18
	01/19/04	3605.12	26.79		0.00	0.00	26.79	3578.33
	04/19/04	3605.12	26.62		0.00	0.00	26.62	3578.50
	07/20/04	3605.12	26.86		0.00	0.00	26.86	3578.26
	10/25/04	3605.12	25.22		0.00	0.00	25.22	3579.90
	01/24/05	3605.12	24.01		0.00	0.00	24.01	3581.11
	04/18/05	3605.12	23.79		0.00	0.00	23.79	3581.33
	07/18/05	3605.12	23.91		0.00	0.00	23.91	3581.21
	10/17/05	3605.12	23.89		0.00	0.00	23.89	3581.23
	01/23/06	3605.12	24.11		0.00	0.00	24.11	3581.01
	04/24/06	3605.12	24.50		0.00	0.00	24.50	3580.62
	07/24/06	3605.12	24.87		0.00	0.00	24.87	3580.25
	10/23/06	3605.12	24.76		0.00	0.00	24.76	3580.36
	01/23/07	3605.12	24.84		0.00	0.00	24.84	3580.28
	04/23/07	3605.12	25.11		0.00	0.00	25.11	3580.01
	07/23/07	3605.12	25.24		0.00	0.00	25.24	3579.88
	10/22/07	3605.12	25.27		0.00	0.00	25.27	3579.85
	01/28/08	3605.12	25.34		0.00	0.00	25.34	3579.78
	04/21/08	3605.12	25.56		0.00	0.00	25.56	3579.56
	07/21/08	3605.12	25.87		0.00	0.00	25.87	3579.25
	10/20/08	3605.12	26.10		0.00	0.00	26.10	3579.02
	01/19/09	3605.12	26.20		0.00	0.00	26.20	3578.92
	04/20/09	3605.12	26.44		0.00	0.00	26.44	3578.68
	07/27/09	3605.12	26.70		0.00	0.00	26.70	3578.42
	10/26/09	3605.12	26.83		0.00	0.00	26.83	3578.29
	01/25/10	3605.12	27.10		0.00	0.00	27.10	3578.02
	04/26/10	3605.12	27.26		0.00	0.00	27.26	3577.86
	07/26/10	3605.12	27.03		0.00	0.00	27.03	3578.09
	10/25/10	3605.12	26.82		0.00	0.00	26.82	3578.30
	01/24/11	3605.12	27.19		0.00	0.00	27.19	3577.93
	04/18/11	3605.12	27.47		0.00	0.00	27.47	3577.65
	10/10/11	3605.12	27.95		0.00	0.00	27.95	3577.17
	05/30/12	3605.12	28.47		0.00	0.00	28.47	3576.65

Notes:
LNAPL = Light Non-Aqueous Phase Liquid
NM = Not Measured
Blank Fields Indicate No Data
Same Measurements of L.P.H. and Water Indicate a Sheen is Present

TABLE 3

GROUNDWATER ANALYTICAL RESULTS SUMMARY - 2011 THROUGH 2012
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*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)*
MW-3	05/31/12	2.540	<0.025	0.158	0.307	3.005	126	18.1
MW-4	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	05/03/11							.0295 J
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
MW-5	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-6	01/26/11	0.027	0.003	0.130	0.009	0.169	2.4	12
	10/13/11	0.003	<0.001	0.039	<0.003	0.041	<0.5	1.4
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	1.5
MW-7	05/31/12	9.750	<0.1	0.635	1.640	12.025	988.0	37.8
MW-8	05/31/12	4.610	<0.1	<0.1	<0.3	4.610	7.1	165.0
MW-10	05/31/12	7.430	<0.1	<0.1	<0.3	7.430	<50	19.9
MW-11	07/28/10	3.800	1.500	0.700	1.670	7.670	29	10
MW-12	01/26/11	4.000	<0.01	0.140	0.160	4.300	14	1.0
	01/26/11 D	4.900	<0.01	0.110	0.130	5.140	16	0.89
	10/13/11	7.270	<0.001	0.030	0.041	7.341	31.5	0.52
	05/31/12	9.480	<0.1	0.149	0.365	9.994	14.7	0.56
MW-13	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-14	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-15	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	3.5
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-16	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-18	01/26/11	4.100	<0.01	0.110	0.154	4.364	13	0.73
	10/13/11	6.070	<0.05	0.117	0.198	6.385	23.7	BDL
	05/31/12	5.320	<0.05	<0.05	0.150	5.320	7.06	0.54
MW-19	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.22
	05/03/11							.0290 J
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-20	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/13/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5

TABLE 3

GROUNDWATER ANALYTICAL RESULTS SUMMARY - 2011 THROUGH 2012
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*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)*
MW-21	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/12/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-22	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
MW-23	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-24	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	0.15	0.41
	01/25/11 D	0.002	<0.001	0.005	<0.001	0.006	0.19	0.31
	10/12/11	0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	0.006	<0.003	0.006	0.05	<0.5
MW-25	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-26	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.003	<0.05	<0.5
MW-27	01/26/11	0.008	<0.001	<0.001	<0.001	0.008	<0.10	<0.21
	10/13/11	0.057	0.010	0.004	0.008	0.079	<0.5	<0.5
	05/31/12	0.061	0.008	0.006	0.009	0.084	0.12	<0.5
SVE-10	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	05/03/11							0.0326 J
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.003	<0.5	<0.5

Notes:

µg/L = micrograms per liter

mg/L = milligrams per liter

BDL = below detection limit

TPH-GRO = Total Volatile Petroleum Hydrocarbons (TVPH)

TPH-DRO = Total Extractable Petroleum Hydrocarbons (TEPH)

D = duplicate sample

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
MW-2	07/29/09	15.000	2.000	0.640	1.540	62	10
	10/28/09	9.800	0.820	0.420	0.930	36	2.6
	01/27/10	0.001	0.001	0.011	0.001	0.71	2.2
MW-3	01/23/03	1.440	0.019	0.030	0.079	5.56	13.6
	04/24/08	13.000	0.540	0.660	1.440	120	13
	07/25/08	10.000	0.130	0.460	0.850	59	22
	10/22/08	15.000	0.270	0.490	1.100	NA	2.3
	07/29/09	9.200	0.080	0.330	0.700	33	3.7
	10/28/09	6.400	0.026	0.270	0.590	22	3.9
	01/27/10	7.700	0.022	0.310	0.380	48	2.6
	04/28/10	6.300	0.053	0.350	0.710	26	8.0
	05/31/12	2.540	<0.025	0.158	0.307	13	18.1
MW-4	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.002.0	<0.002.0
	04/06/00	0.019	0.001	0.001	0.003	<0.001	<0.001
	08/02/00	0.002	<0.5	<0.5	<0.002	<0.98	<0.98
	11/15/00	0.024	0.001	0.001	<0.002	0.52	<0.50
	03/06/01	0.110	0.002	0.009	0.016	1.7	<0.55
	06/25/01	0.066	0.001	0.001	<0.002	0.83	<0.59
	09/26/01	0.080	0.001	0.004	0.006	0.55	<0.50
	12/12/01	0.039	0.002	<0.0010	<0.0010	0.369	<0.101
	05/21/02	0.078	0.008	0.002	0.006	0.567	<0.103
	10/16/02	0.045	<0.001	0.003	0.005	0.177	<0.102
	01/23/03	0.268	0.160	0.008	0.089	1.58	0.141
	04/25/03	0.589	0.372	0.016	0.114	2.4	0.159
	07/14/03	0.055	0.046	0.005	0.011	0.405	<0.10
	10/17/03	0.007	0.003	<0.001	<0.003	<0.10	0.59
	01/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/28/04	0.002	<0.001	<0.001	<0.003	<0.10	0.19
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.19
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.31
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.093
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.23
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.34
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.058
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.26

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.051
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.062
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.17
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.072
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-5	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.002.0	<0.002.0
	04/06/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.99	<0.99
	11/15/00	0.001	0.001	<0.5	<0.002	0.26	0.92
	03/06/01	0.008	0.007	0.001	<0.002	0.66	<0.54
	06/25/01	0.019	0.026	0.002	<0.002	0.87	<0.53
	09/26/01	0.085	0.046	0.003	0.018	0.76	<0.50
	12/12/01	0.164	0.106	0.007	0.050	1.42	<0.101
	05/21/02	0.146	0.119	0.011	0.032	1.23	<0.101
	10/16/02	0.273	0.179	<10	0.042	1.60	0.188
	01/23/03	1.980	1.480	0.068	0.594	10	0.548
	04/25/03	1.190	0.863	0.058	0.318	6.37	0.256
	07/14/03	0.119	0.123	0.013	0.042	0.842	<0.10
	10/17/03	0.022	0.022	0.003	0.010	<0.10	0.99
	01/22/04	0.032	0.012	0.001	<0.003	0.16	<0.048
	04/22/04	0.020	0.023	0.002	0.004	0.32	<0.20
	04/22/04 D	0.021	0.027	0.002	0.006	0.37	<0.20
	07/23/04	0.011	0.010	0.001	<0.003	0.13	<0.048
	10/28/04	0.028	0.029	0.002	0.008	0.20	0.077
	01/26/05	0.009	0.009	0.002	0.005	<0.10	0.069
	01/26/05 D	0.009	0.009	0.002	0.005	<0.10	0.098
	04/20/05	0.079	0.036	<0.001	0.043	0.42	0.064
	07/20/05	0.005	0.004	<0.001	<0.003	<0.10	0.083
	10/19/05	0.014	0.010	<0.001	0.011	<0.10	0.089
	01/25/06	0.002	0.003	<0.001	<0.003	<0.10	0.53

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	04/26/06	<0.001	0.001	<0.001	<0.003	<0.10	0.11
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.19
	10/25/06	<0.001	0.001	<0.001	<0.003	<0.10	0.08
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.23
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.34
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	2.4
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	0.007	0.006	<0.001	0.049	0.29	0.34
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.065
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.15
	04/27/10	<0.001	0.001	<0.001	<0.001	<0.10	0.078
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	0.004	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-6	01/13/00	3.300	2.000	0.240	0.580	<0.002.0	<0.002.0
	04/06/00	3.900	1.100	0.270	0.540	<0.001	<0.001
	07/20/05	2.000	0.920	0.340	0.870	12	3.0
	10/20/05	1.700	1.100	0.300	0.940	1.7	5.9
	01/26/06	2.000	0.770	0.250	0.700	16	5.8
	07/27/06	1.900	0.250	0.280	0.380	11	22
	10/26/06	1.600	0.810	0.360	0.690	14	15
	01/26/07	1.100	0.750	0.280	0.500	14	29
	04/26/07	1.500	1.200	0.310	0.660	15	6.7
	07/25/07	0.690	0.360	0.170	0.250	6.6	4.6
	10/25/07	0.550	0.390	0.150	0.180	4.5	4.4
	10/25/07 D	0.930	0.840	0.220	0.380	8.5	21.0
	01/31/08	1.200	1.200	0.310	0.520	11	8.9
	01/31/08 D	1.200	1.100	0.300	0.550	12	9.1
	04/24/08	1.500	1.500	0.410	0.840	20	13
	07/25/08	0.720	0.690	0.250	0.410	8.4	17
	10/22/08	0.550	0.300	0.240	0.261	NA	0.56
	01/21/09	0.350	0.270	0.200	0.247	4.2	4.1
	04/22/09	0.340	0.280	0.180	0.275	11	5.8

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	07/29/09	0.180	0.210	0.180	0.247	4.2	2.2
	10/28/09	0.200	0.130	0.290	0.310	6.9	5.1
	01/27/10	0.098	0.050	0.180	0.164	4.2	3
	04/28/10	0.047	0.017	0.120	0.071	2.7	0.72
	07/28/10	0.040	0.014	0.180	0.102	3.1	2.9
	10/27/10	0.020	0.003	0.130	0.022	2.8	1.0
	01/26/11	0.027	0.003	0.130	0.009	2.4	12
	10/13/11	0.003	<0.001	0.039	<0.003	<0.5	1.4
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.5	1.5
MW-7	05/31/12	9.750	<0.1	0.635	1.640	988.0	37.8
MW-8	01/13/00	<0.5	<0.5	<0.5	<0.5	<0.002.0	<0.002.0
	04/06/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.94	<0.94
	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.001	0.86
	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.001	<0.54
	06/25/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.55
	09/26/01	0.054	0.001	<0.5	0.002	0.24	<0.50
	12/12/01	0.593	0.018	0.009	0.048	1.56	0.107
	05/21/02	0.912	0.057	0.050	0.092	2.90	<0.101
	10/16/02	NA	NA	NA	NA	NA	0.269
	01/22/03	2.520	0.406	0.252	0.398	10.5	1.73
	01/31/08	2.300	0.270	0.340	0.890	30	130
	05/31/12	4.610	<0.1	0.152	<0.3	7	165
MW-9	04/24/08	21.000	0.940	0.570	1.380	79	25
MW-10	01/13/00	4.100	0.490	0.440	0.720	<0.002.0	<0.002.0
	04/06/00	0.400	0.053	0.066	0.098	<0.001	<0.001
	08/02/00	0.220	0.012	0.027	0.055	<1.10	<1.10
	05/31/12	7.430	<0.1	<0.1	<0.3	<50	20
MW-11	04/06/00	4.100	2.400	0.290	0.420	1.60	1.60
	08/02/00	3.900	2.100	0.260	0.510	2.50	2.50
	11/15/00	4.800	2.500	0.220	0.350	30	<0.53
	03/06/01	5.300	3.400	0.340	0.580	41	0.59
	06/25/01	5.100	3.700	0.340	<40	49	0.87
	04/24/08	7.400	0.360	0.680	1.800	34	28
	07/25/08	7.600	0.460	0.990	2.450	36	20
	10/22/08	8.600	0.460	1.000	2.700	NA	6.1
	01/21/09	6.600	0.210	0.720	1.910	28	6.8
	07/29/09	5.900	0.080	0.770	2.020	39	7.1
	10/28/09	5.200	0.043	0.880	2.410	29	8.6
	01/27/10	5.600	0.076	0.970	2.480	67	10
	07/28/10	3.800	1.500	0.700	1.670	29	10

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
MW-12	04/06/00	2.000	0.200	0.110	0.200	<1.20	<1.20
	08/02/00	2.900	0.022	0.097	0.160	<0.97	<0.97
	11/15/00	4.100	0.087	0.170	0.220	21	1.40
	03/06/01	4.300	0.120	0.210	0.290	24	<0.56
	06/25/01	4.100	0.120	0.220	<40	30	1.10
	09/26/01	3.300	0.120	0.150	0.200	19	0.85
	12/12/01	3.520	0.290	0.258	0.376	18.5	0.285
	05/21/02	4.040	0.265	0.195	0.284	16.4	0.104
	10/16/02	NA	NA	NA	NA	NA	0.351
	01/23/03	3.610	0.346	0.261	0.437	20.1	0.442
	04/25/03	3.510	0.202	0.078	0.437	13.2	0.594
	07/14/03	3.900	0.316	0.357	0.575	17.1	0.598
	10/20/03	1.900	0.030	0.130	0.220	6.40	0.23
	01/21/04	2.700	0.130	0.300	0.450	12	0.25
	04/21/04	2.900	<10	0.095	0.150	11	<0.20
	07/23/04	3.200	<10	0.066	0.160	12	0.33
	07/23/04 D	3.300	<10	0.071	0.160	12	0.33
	10/28/04	3.200	0.016	0.046	0.140	14	0.52
	01/27/05	4.000	<0.0020	0.066	0.130	15	1.20
	01/27/05 D	3.900	<0.0020	0.067	0.130	15	1.30
	04/21/05	2.700	0.041	0.120	0.140	12	1.20
	04/21/05 D	2.600	0.038	0.110	0.140	12	1.00
	07/21/05	3.000	0.051	0.160	0.170	13	0.85
	07/21/05 D	2.800	0.054	0.150	0.160	13	0.73
	10/20/05	2.300	<0.001	0.095	0.170	15	1.0
	10/20/05 D	2.100	0.021	0.100	0.160	13	0.95
	01/26/06	2.800	<0.001	0.059	0.140	14	0.89
	01/26/06 D	2.900	0.013	0.160	0.150	14	0.43
	04/27/06	2.700	<0.001	0.130	0.120	12	0.84
	04/27/06 D	2.900	<0.001	0.120	0.130	13	1.00
	07/27/06	3.600	<0.001	0.150	0.160	15	1.00
	07/27/06 D	3.700	<0.001	0.150	0.160	15	1.30
	10/26/06	3.400	<0.001	0.120	0.170	13	0.64
	10/26/06 D	3.400	<0.001	0.190	0.180	14	0.92
	01/26/07	3.000	<0.001	0.160	0.160	14	1.00
	01/26/07 D	3.200	<0.001	0.150	0.170	15	1.30
	04/26/07	3.200	<0.001	0.230	0.200	14	0.58
	04/26/07 D	3.100	<0.001	0.200	0.200	14	0.60
	07/25/07	3.000	<0.001	0.110	0.140	14	0.86
	07/25/07 D	3.500	0.004	0.210	0.220	15	1.7
	10/25/07	2.700	<0.001	0.096	0.140	12	0.60

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	10/25/07 D	2.900	<0.001	0.180	0.180	14	0.95
	01/31/08	2.800	<0.001	0.200	0.180	12	0.63
	01/31/08 D	3.100	<0.001	0.280	0.255	13	0.67
	04/24/08	3.400	<10.0	0.240	0.225	15	<0.10
	04/24/08 D	2.900	<10.0	0.220	0.201	13	0.75
	07/25/08	2.700	<0.0025.0	0.130	0.100	8.9	0.53
	07/25/08 D	2.500	<0.0025.0	0.120	0.090	8.7	0.47
	10/22/08	5.000	0.007	0.350	0.300	NA	0.52
	10/22/08 D	4.600	0.007	0.340	0.287	NA	0.41
	01/21/09	3.500	<10.0	0.220	0.193	14	0.48
	01/21/09 D	3.000	<0.0020.0	0.240	0.180	14	0.47
	04/22/09	3.600	0.002	0.190	0.181	11	0.15
	04/22/09 D	3.900	0.001	0.230	0.221	14	0.28
	07/29/09	4.100	0.002	0.180	0.206	16	0.37
	07/29/09 D	4.300	0.002	0.200	0.220	17	0.28
	10/28/09	4.500	0.002	0.180	0.209	17	0.42
	10/28/09 D	4.300	0.003	0.210	0.260	18	0.47
	01/27/10	4.500	0.002	0.170	0.174	18	0.45
	01/27/10 D	4.200	0.002	0.140	0.176	16	0.46
	04/28/10	4.400	<10	0.140	0.190	15	0.47
	04/28/10 D	4.400	<10	0.150	0.200	15	0.46
	07/28/10	5.500	<5.0	0.120	0.180	19	0.56
	07/28/10 D	5.500	<0.0025	0.140	0.190	20	0.52
	10/27/10	5.300	<10	0.140	0.190	16	0.48
	10/27/10 D	4.900	<10	0.150	0.210	15	0.56
	01/26/11	4.000	<10	0.140	0.160	14	1.0
	01/26/11 D	4.900	<10	0.110	0.130	16	0.89
	10/13/11	7.270	<0.001	0.030	0.041	32	0.52
	05/31/12	9.480	<0.1	0.149	0.365	15	0.56
MW-13	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	<0.5	<0.5	<0.5	<0.002	<0.99	<0.99
	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	1.10
	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	0.50
	06/25/01	0.480	0.001	<0.5	<0.002	2	<0.53
	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.51
	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	0.132
	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	10/16/02	NA	NA	NA	NA	NA	<0.102
	01/22/03	<1	<1	<1	<1	<0.10	<0.105
	04/24/03	<1	<1	<1	<1	<0.10	<0.105
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.112

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.26
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.077
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.120
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.096
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.086
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-14	06/02/00	0.370	0.005	0.002	0.011	<0.001	<0.001
	08/02/00	0.760	0.002	0.003	0.013	<0.001	<0.001
	11/15/00	0.840	0.001	<0.5	0.011	2.6	1.5
	03/06/01	0.730	<0.002.5	<0.002.5	0.011	2.8	<0.56
	06/25/01	0.340	0.001	<0.5	<0.002	1.4	NS
	09/26/01	0.370	<0.001	<0.001	<4.0	0.96	<0.50
	12/12/01	0.393	<10	<10	<10	0.89	0.148
	05/21/02	0.042	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	10/16/02	0.228	<0.0010	<0.0010	<0.0010	0.629	0.206

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	01/23/03	0.130	<0.0010	<0.0010	<0.0010	0.375	0.108
	04/25/03	0.025	<0.0010	<0.0010	<0.0010	0.10	0.104
	07/14/03	0.057	<0.001	<0.001	<0.001	0.264	0.215
	10/20/03	<0.001	<0.001	<0.001	<0.003	0.11	0.14
	01/21/04	0.034	<0.001	<0.001	<0.003	0.18	0.12
	04/21/04	0.005	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	0.004	<0.001	<0.001	<0.003	<0.10	0.059
	10/28/04	0.002	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	0.006	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	0.004	<0.001	<0.001	<0.003	<0.10	0.086
	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.058
	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
	04/27/06	<0.001	<0.001	0.001	<0.003	<0.10	0.055
	07/27/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.077
	10/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	0.11	0.18
	04/26/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.13
	07/25/07	<0.001	<0.001	<0.001	<0.003	0.10	0.20
	10/25/07	<0.001	<0.001	<0.001	<0.003	0.12	0.098
	01/30/08	<0.001	<0.001	<0.001	<0.003	0.11	0.12
	04/23/08	0.001	<0.001	<0.001	<0.001	0.10	0.64
	07/24/08	0.001	<0.001	<0.001	<0.001	<0.10	0.11
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.1
	01/21/09	0.001	<0.001	<0.001	<0.001	<0.10	0.086
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.37
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.063
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.075
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.068
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.14
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.13
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.076
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-15	06/02/00	0.830	0.770	0.130	0.170	2.1	2.1
	08/02/00	0.330	0.250	0.042	0.052	2.8	2.8
	11/15/00	2.000	2.000	0.470	0.650	29	3.0
	07/20/05	0.014	<0.001	0.008	<0.003	1.1	15
	10/19/05	0.003	<0.001	0.005	<0.003	0.70	7.8
	01/25/06	0.005	0.010	<0.001	<0.003	0.89	23

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	04/26/06	0.004	0.010	0.006	<0.003	0.87	30
	07/26/06	<0.001	<0.001	0.003	<0.003	0.45	9.3
	10/25/06	<0.001	<0.001	4.7 F	<0.003	0.43	8.0
	01/25/07	<0.001	<0.001	<0.001	<0.003	0.32	7.0
	04/25/07	<0.001	<0.001	0.004	<0.003	0.43	3.6
	07/24/07	0.005	<0.001	0.005	<0.003	0.22	3.3
	10/24/07	<0.001	<0.001	0.003	<0.003	0.26	3.9
	01/30/08	0.002	<0.001	<0.001	<0.003	0.55	5.7
	04/23/08	0.001	<0.001	<0.001	0.001	0.43	11,000
	07/24/08	<10.0	<10.0	<10.0	<10.0	<0.001	0.37
	10/21/08	<0.001	0.002	<0.001	0.004	NA	2.6
	01/21/09	<0.001	<0.001	<0.001	0.001	0.38	14
	04/21/09	<0.001	<0.001	<0.001	0.001	0.20	27
	07/28/09	<0.001	<0.001	<0.001	<0.001	0.30	7.3
	10/27/09	<0.001	<0.001	<0.001	<0.001	0.16	8.5
	01/26/10	<0.001	<0.001	<0.001	<0.001	0.15	3
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	4.3
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	1.9
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.48
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	3.5
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-16	06/02/00	0.001	0.001	0.021	0.007	<0.001	<0.001
	08/02/00	<0.5	<0.5	0.013	<0.002	<0.001	<0.001
	11/15/00	<0.5	0.001	0.004	<0.002	0.20	<0.50
	03/06/01	<0.5	0.001	0.008	<0.002	0.31	<0.56
	06/25/01	<0.5	<0.5	<0.5	<0.002	0.30	<0.56
	09/26/01	<0.5	0.001	<0.5	<0.002	0.19	<0.50
	12/12/01	0.002	<0.0010	<0.0010	<0.0010	0.132	0.248
	05/21/02	0.001	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	10/15/02	NA	NA	NA	NA	NA	NA
	01/22/03	0.001	<1	<1	<1	<0.10	0.124
	04/24/03	<1	<1	<1	<1	<0.10	0.124
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.276
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.98
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.08

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.050
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.084
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.063
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.12
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.12
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.25
	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.072
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.055
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.25
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-17	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	0.006	<0.5	0.009	<0.002	<0.97	<0.97
	11/15/00	0.004	0.002	0.005	0.002	0.65	5.6
	03/06/01	0.007	0.002	0.039	0.014	0.98	<0.54
	06/25/01	0.001	<0.5	0.001	<0.002	0.44	NS
	09/26/01	0.001	0.002	0.001	<0.002	0.49	<0.50
	12/12/01	0.008	<0.0010	0.050	0.040	1.12	1.82
	05/21/02	0.004	<0.0010	0.002	<0.0010	0.423	0.834
	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	0.105	NA
	01/22/03	<1	<1	<1	<1	<0.001	0.124
	04/24/03	<1	<1	<1	<1	<0.001	0.124
	07/14/03	<0.0010	<1	<1	<1	<0.001	0.126
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.072
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.062

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.068
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.056
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.062
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.480
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.230
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.08
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.25
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.31
	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.33
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	0.21
MW-18	06/02/00	0.600	0.001	0.120	0.045	<0.001	<0.001
	08/02/00	0.780	<0.5	0.150	0.046	<0.99	<0.99
	11/15/00	0.850	0.001	0.093	0.050	4.60	1.10
	03/06/01	0.840	<0.002.5	0.160	0.065	8.70	<0.55
	06/25/01	0.660	0.003	0.150	<0.002	1.0	0.59
	09/26/01	0.500	<5.0	0.093	0.039	4.4	<0.51
	12/12/01	0.529	<10	0.127	0.054	4.05	0.261
	05/21/02	0.483	<0.0010	0.105	0.052	4.48	<0.101
	10/16/02	NA	NA	NA	NA	NA	0.174
	01/23/03	0.121	<1	0.011	0.016	1.86	<0.10
	04/25/03	0.591	<1	0.135	0.061	4.08	0.183
	07/14/03	0.589	<10	0.219	0.101	6.39	0.438
	10/20/03	0.300	0.002	<0.001	<0.003	1.90	0.13
	01/21/04	0.260	<0.001	0.130	0.073	4.30	0.11
	04/21/04	0.360	<0.001	0.069	0.055	3.0	<0.20
	07/22/04	0.520	<0.001	0.110	0.070	4.0	0.15
	10/28/04	0.300	<0.001	0.009	0.019	1.6	0.12
	01/26/05	0.310	<0.001	0.014	0.024	1.8	0.15
	04/20/05	0.550	<0.001	0.049	0.031	2.7	0.15
	07/21/05	<0.001	<0.001	<0.001	<0.003	3.5	0.11
	10/20/05	0.820	0.008	0.049	0.037	3.7	0.18
	01/26/06	0.890	0.033	0.037	0.046	3.9	0.12
	04/27/06	1.600	0.054	0.071	0.083	6.1	0.14
	07/27/06	2.400	0.140	0.086	0.110	8.7	0.54
	10/26/06	2.600	0.100	0.200	0.400	8.9	0.19
	01/26/07	2.700	<0.001	0.110	0.096	9.3	0.27
	04/26/07	3.000	<0.001	0.230	0.200	9.2	0.30
	07/25/07	2.700	<0.001	0.096	0.087	9.6	0.42
	10/25/07	2.600	<0.001	0.081	0.083	7.9	0.29

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	01/30/08	3.500	<0.001	0.078	0.051	7	0.29
	04/24/08	3.100	<10.0	0.080	0.059	8.6	0.31
	07/24/08	4.800	<5.0	0.058	0.039	10	0.22
	10/22/08	5.200	0.002	0.140	0.108	NA	0.25
	01/21/09	3.900	<0.0025.0	0.100	0.064	11	0.24
	04/22/09	4.400	<0.001	0.120	0.118	12	0.19
	07/29/09	5.000	<0.001	0.140	0.142	15	0.26
	10/28/09	4.500	<0.001	0.120	0.125	12	0.29
	01/27/10	5.000	<0.001	0.130	0.152	15	0.3
	04/28/10	4.300	<10	0.170	0.209	13	0.37
	07/28/10	5.600	<0.0020	0.130	0.203	17	0.54
	10/27/10	5.900	<5.0	0.180	0.210	15	0.39
	01/26/11	4.100	<0.05	0.110	0.154	13	0.73
	10/13/11	6.070	<0.05	0.117	0.198	24	<0.5
	05/31/12	5.320	<0.05	<0.05	0.150	7	0.54
MW-19	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	0.002	0.006	<0.5	0.011	<0.001	<0.001
	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	<0.51
	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.55
	06/25/01	<0.5	0.001	<0.5	<0.002	<0.10	<0.56
	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.54
	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	0.106	<0.101
	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	<0.10
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.17
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.048
	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.084
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/27/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
	10/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.059

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.061
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.098
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.067
	01/26/11	<0.001	<0.001	<.1.0	<0.001	<0.10	<0.22
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-20	06/02/00	<0.5	<0.5	<0.5	<0.002	<0.001	<0.001
	08/02/00	0.004	0.004	0.004	0.013	<0.001	<0.001
	11/15/00	<0.5	<0.5	<0.5	<0.002	<0.10	1.20
	03/06/01	<0.5	<0.5	<0.5	<0.002	<0.10	0.55
	06/25/01	<0.5	0.001	<0.5	<0.002	<0.10	<0.56
	09/26/01	<0.5	<0.5	<0.5	<0.002	<0.10	<0.52
	12/12/01	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	05/21/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	NA
	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.10
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.63
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.15
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.067
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.061
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.075
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.19
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.067
	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.092
	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.07
	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.056
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.074
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-21	06/13/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	10/15/02	NA	NA	NA	NA	NA	<0.105
	01/22/03	<1	<1	<1	<1	<0.10	<0.116
	04/24/03	<1	<1	<1	<1	<0.10	<0.116
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	0.14
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.75
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/26/04	<0.001	<0.001	<0.001	<0.003	<0.10	0.090
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.25
	07/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.074
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.087
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.18

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.11
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.14
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-22	06/13/02	NA	NA	NA	NA	NA	<0.10
	06/20/02	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
	10/15/02	<0.001	<0.001	<0.001	<0.001	<0.10	<0.102
	01/22/03	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
	04/24/03	<0.001	<0.001	<0.001	<0.001	<0.10	<0.101
	07/14/03	<0.0010	<0.001	<0.001	<0.001	<0.10	<0.10
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.35
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.094
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.073
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.081
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.068
	04/26/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.13
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.061
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
MW-23	06/13/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	10/15/02	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	0.353
	01/22/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	04/24/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.101
	07/14/03	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.10
	10/17/03	<0.001	<0.001	<0.001	<0.003	<0.10	0.33
	01/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/21/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.20
	07/22/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/27/04	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/26/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.089
	07/21/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.20
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.099
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.055
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.097
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.052
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.098
	10/24/07	0.002	<0.001	0.001	<0.003	<0.10	<0.050
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	<0.05
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.24

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-24	07/22/04	0.400	0.036	0.037	0.035	2.2	0.45
	10/27/04	0.048	0.005	0.011	<0.003	0.65	0.33
	01/26/05	0.080	<0.001	0.017	0.012	0.65	0.32
	04/20/05	0.150	<0.001	0.038	0.014	2.2	0.53
	07/20/05	0.065	0.004	0.023	0.005	0.55	0.51
	10/19/05	0.140	<0.001	0.060	0.021	1.9	0.38
	10/19/05 D	0.110	<0.001	0.031	0.011	1.2	0.43
	01/25/06	0.093	0.002	0.035	0.011	1.3	0.54
	01/25/06 D	0.075	0.007	0.030	0.010	1.1	0.42
	04/26/06	0.230	0.029	0.080	0.029	3.4	0.24
	04/26/06 D	0.200	0.024	0.065	0.024	2.6	0.42
	07/26/06	0.100	0.039	0.068	0.026	1.4	0.58
	07/26/06 D	0.110	0.043	0.072	0.027	1.4	0.55
	10/25/06	0.045	0.019	0.041	0.017	1.2	0.22
	10/25/06 D	0.046	0.020	0.040	0.017	1.2	0.26
	01/25/07	0.019	0.007	0.034	0.012	0.68	0.34
	01/25/07 D	0.021	0.008	0.035	0.012	0.92	0.34
	04/25/07	0.006	0.002	0.016	0.003	0.22	0.35
	04/25/07 D	0.002	<0.001	0.007	<0.003	0.19	0.30
	07/24/07	0.006	0.002	0.017	0.003	8.0	0.26
	07/24/07 D	0.005	0.001	0.015	0.003	0.34	0.21
	10/24/07	<0.001	<0.001	0.003	<0.003	0.26	3.9
	01/30/08	0.002	<0.001	0.007	0.001	0.21	0.16
	04/23/08	0.001	<0.001	0.008	0.001	0.21	0.27
	4/23/08 D	0.003	0.003	0.033	0.007	0.63	0.26
	07/24/08	0.003	0.003	0.019	0.005	0.29	0.32
	7/24/08 D	0.005	0.005	0.036	0.009	0.54	0.27
	10/21/08	<0.001	0.001	0.002	<0.001	NA	0.26
	10/21/08 D	0.004	0.013	0.038	0.010	NA	0.34
	01/21/09	0.002	0.007	0.016	0.006	0.79	0.48
	1/21/09 D	<0.001	0.002	0.003	0.002	1.1	0.45
	04/21/09	0.002	0.015	0.036	0.016	1.3	0.38

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	04/21/09 D	0.002	0.004	0.016	0.005	0.46	0.34
	07/28/09	<0.001	0.004	0.007	0.003	0.86	0.44
	07/28/09 D	0.001	0.004	0.015	0.004	0.86	0.52
	10/28/09	<0.001	<0.001	0.007	0.002	0.81	0.53
	10/28/09 D	<0.001	<0.001	0.014	0.002	0.76	0.47
	01/26/10	0.001	<0.001	0.008	<0.001	0.73	0.42
	01/26/10 D	0.001	<0.001	0.008	<0.001	0.67	0.4
	04/27/10	0.003	<0.001	0.006	<0.001	0.51	0.44
	04/27/10 D	0.004	<0.001	0.006	<0.001	0.52	0.75
	07/27/10	0.003	<0.001	0.008	<0.001	0.37	0.30
	07/27/10 D	0.001	<0.001	0.001	<0.001	0.26	0.33
	10/26/10	0.002	<0.001	0.004	<0.001	0.22	0.20
	10/26/10 D	0.002	<0.001	0.005	<0.001	0.21	0.24
	01/25/11	<0.001	<0.001	<0.001	<0.001	0.15	0.41
	01/25/11 D	0.002	<0.001	0.005	<0.001	0.19	0.31
	10/12/11	0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.01	<0.01	0.006	<0.003	0.05	<0.5
MW-25	07/22/04	0.006	<0.001	0.028	0.025	0.71	0.094
	10/27/04	0.007	<0.001	0.036	0.010	0.63	0.35
	01/26/05	0.003	<0.001	0.025	0.009	0.28	0.29
	04/20/05	0.007	0.004	0.055	0.016	0.60	0.23
	07/19/05	0.004	0.002	0.030	0.010	0.48	0.25
	10/19/05	0.002	<0.001	0.014	0.003	0.28	0.68
	01/25/06	0.003	<0.001	0.019	0.004	0.34	0.70
	04/26/06	0.004	<0.001	0.027	0.003	0.42	0.85
	07/26/06	0.003	<0.001	0.012	<0.003	0.21	1.20
	10/25/06	<0.001	<0.001	0.002	<0.003	0.13	0.40
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.52
	04/25/07	<0.001	<0.001	0.001	<0.003	<0.10	0.43
	07/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.36
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.39
	01/30/08	<0.001	<0.001	<0.001	<0.003	0.12	0.39
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.41
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.20
	10/21/08	<0.001	<0.001	<0.001	<0.001	NA	0.14
	01/20/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
	04/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.079
	07/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.16
	10/27/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.34
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.12
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.34

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	07/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.11
	01/25/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.20
	10/12/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-26	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.053
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.066
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
	04/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.35
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.30
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.98
	01/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.65
	04/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.092
	07/25/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.89
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.39
	01/30/08	<0.001	<0.001	<0.001	<0.003	<0.10	0.16
	04/23/08	<0.001	<0.001	<0.001	<0.001	<0.10	<0.10
	07/24/08	<0.001	<0.001	<0.001	<0.001	<0.10	0.29
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.053
	01/21/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	04/22/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	07/29/09	<0.001	<0.001	<0.001	<0.001	<0.10	0.71
	10/28/09	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.051
	04/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.078
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
	05/31/12	<0.001	<0.001	<0.001	<0.003	<0.05	<0.5
MW-27	04/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	0.095
	07/20/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	07/20/05 D	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	10/19/05	<0.001	<0.001	<0.001	<0.003	<0.10	<0.048
	01/25/06	0.007	<0.001	<0.001	<0.003	<0.10	0.16
	01/25/06 D	<0.001	<0.001	<0.001	<0.003	<0.10	0.17
	04/26/06	0.052	0.014	0.006	0.017	0.45	0.097
	07/26/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.10
	10/25/06	<0.001	<0.001	<0.001	<0.003	<0.10	0.47
	01/25/07	0.001	<0.001	<0.001	<0.003	<0.10	0.12

TABLE 4

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	04/25/07	0.030	0.003	0.002	<0.003	<0.10	0.62
	07/25/07	0.002	<0.001	<0.001	<0.003	<0.10	0.94
	10/24/07	<0.001	<0.001	<0.001	<0.003	<0.10	0.22
	01/30/08	0.006	<0.001	<0.001	<0.003	<0.10	<0.10
	04/23/08	0.037	0.008	0.002	0.002	0.14	<0.10
	07/24/08	0.140	0.033	0.006	0.011	0.57	0.20
	10/22/08	0.013	0.001	<0.001	<0.001	NA	0.07
	01/21/09	0.170	0.009	0.002	0.008	0.48	<0.05
	04/22/09	0.120	0.007	0.003	0.007	0.40	<0.05
	07/29/09	0.027	0.003	<0.001	<0.001	0.13	<0.05
	10/28/09	0.019	0.001	<0.001	<0.001	<0.10	<0.05
	01/27/10	0.005	<0.001	<0.001	<0.001	<0.10	<0.05
	04/28/10	0.046	0.001	<0.001	0.002	0.15	0.057
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	0.005	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	0.008	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	0.057	0.010	0.004	0.008	<0.5	<0.5
	05/31/12	0.061	0.008	0.006	0.009	0.12	<0.5
SVE-10	01/23/03	1.120	0.136	0.188	0.331	8.89	0.961
	04/25/03	0.367	0.560	0.069	0.296	5.18	1.30
	07/14/03	0.189	0.030	0.027	0.086	1.74	0.991
	10/20/03	<0.001	<0.001	<0.001	<0.003	0.42	0.46
	01/22/04	0.002	0.001	0.002	<0.003	<0.10	0.42
	04/22/04	0.110	<0.001	0.011	<0.003	0.41	0.35
	07/23/04	0.077	<0.001	0.014	<0.003	0.46	0.48
	10/28/04	0.024	0.002	0.010	0.008	0.40	1.2
	01/27/05	0.012	<0.001	0.012	<0.003	0.19	0.68
	04/20/05	<0.001	<0.001	0.014	<0.003	0.12	0.35
	07/21/05	0.023	0.001	0.027	<0.003	0.26	0.47
	10/20/05	0.022	0.001	0.025	<0.003	0.27	0.29
	01/26/06	0.002	<0.001	0.020	<0.003	0.29	0.52
	04/27/06	<0.001	<0.001	0.010	<0.003	0.21	0.30
	07/27/06	<0.001	<0.001	0.004	<0.003	0.17	0.28
	10/26/06	<0.001	<0.001	<0.001	<0.003	0.16	0.17
	01/26/07	0.004	<0.001	0.005	<0.003	0.42	0.42
	04/26/07	0.002	<0.001	0.012	<0.003	0.56	0.41
	07/25/07	0.003	<0.001	0.008	<0.003	0.52	0.42
	10/25/07	<0.001	<0.001	0.003	<0.003	0.39	0.30
	01/31/08	0.021	<0.001	0.022	<0.003	0.43	0.21
	04/24/08	0.014	<0.001	0.026	<0.001	0.56	0.26
	07/25/08	0.180	<0.001	0.016	0.012	0.68	0.28

CUMULATIVE GROUNDWATER ANALYTICAL RESULTS SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Benzene (mg/L)*	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*
	10/22/08	<0.001	<0.001	<0.001	<0.001	NA	0.2
	01/21/09	0.001	<0.001	<0.001	<0.001	0.18	0.18
	04/22/09	0.003	<0.001	<0.001	<0.001	0.11	0.32
	07/29/09	<0.001	<0.001	<0.001	<0.001	0.12	0.17
	10/28/09	<0.001	<0.001	<0.001	<0.001	0.56	0.34
	01/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.1
	04/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	0.089
	07/28/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	10/27/10	<0.001	<0.001	<0.001	<0.001	<0.10	<0.05
	01/26/11	<0.001	<0.001	<0.001	<0.001	<0.10	<0.21
	10/13/11	<0.001	<0.001	<0.001	<0.003	<0.5	<0.5
SP-1	06/02/00	0.009	0.007	0.003	0.007	<0.001	<0.001

Notes:

µg/L = micrograms per liter

mg/L = milligrams per liter

NA= not analyzed

TPH-GRO = Total Volatile Petroleum Hydrocarbons (TVPH)

TPH-DRO = Total Extractable Petroleum Hydrocarbons (TEPH)

D = Duplicate Sample

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
MW-2	07/29/09	66.1			
	10/28/09	89.1			
	01/27/10	67.2			
MW-3	01/23/03	176			
	04/24/08	47.9			
	07/25/08	44.7			
	10/22/08	32.9			
	07/29/09	36.8			
	10/28/09	43.2			
	01/27/10	38.2			
	04/28/10	35.4			
	05/31/12	39.7			
MW-4	01/13/00	210			
	04/06/00	180			
	08/02/00	140			
	11/15/00	180			
	03/06/01	180			
	06/25/01	200			
	09/26/01	180			
	12/12/01	158			
	05/21/02	144	569	1,330	51
	10/16/02	81			
	01/23/03	173			
	04/25/03	159			
	07/14/03	166			
	10/17/03	190			
	01/22/04	176			
	04/22/04	180			
	07/22/04	192			
	10/28/04	186			
	01/26/05	173			
	04/20/05	128			
	07/20/05	51.5			
	10/19/05	37.7			
	01/25/06	39.4			
	04/26/06	58.0			
	07/26/06	48.1			
	10/25/06	113.0			
	01/25/07	52.1			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	04/25/07	68.8			
	07/25/07	51.6			
	10/24/07	38.5			
	01/30/08	36.8			
	04/23/08	34.5			
	07/24/08	41.7			
	10/22/08	32.9			
	01/21/09	34.4			
	04/22/09	33.7			
	07/29/09	42.7			
	10/28/09	62.2			
	01/26/10	52.6			
	04/27/10	68.2			
	07/27/10	63.1			
	10/26/10	61.9			
	01/25/11	73.3			
	10/13/11	93.1			
	05/31/12	145.0			
MW-5	01/13/00	130			
	04/06/00	130			
	08/02/00	130			
	11/15/00	180			
	03/06/01	210			
	06/25/01	240			
	09/26/01	260			
	12/12/01	216			
	05/21/02	180	619	698	29
	10/16/02	51			
	01/23/03	187			
	04/25/03	173			
	07/14/03	184			
	10/17/03	192			
	01/22/04	179			
	04/22/04	188			
	04/22/04 D	189			
	07/23/04	197			
	10/28/04	196			
	01/26/05	190			
	01/26/05 D	188			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	04/20/05	184			
	07/20/05	196			
	10/19/05	187			
	01/25/06	200			
	04/26/06	196			
	07/26/06	177			
	10/25/06	133			
	01/25/07	71.0			
	04/25/07	48.7			
	07/25/07	44.8			
	10/24/07	32.9			
	01/30/08	38.6			
	04/23/08	36.1			
	07/24/08	21.4			
	10/22/08	19.5			
	01/21/09	24.5			
	04/22/09	22.1			
	07/29/09	22.6			
	10/28/09	40.9			
	01/26/10	40.5			
	04/27/10	64.6			
	07/27/10	64.1			
	10/26/10	67.2			
	01/25/11	90.1			
	10/13/11	98.8			
	05/31/12	74.3			
MW-6	01/13/00	230			
	04/06/00	200			
	07/20/05	106			
	10/20/05	99.2			
	01/26/06	161			
	07/27/06	90.1			
	10/26/06	60.6			
	01/26/07	62.5			
	04/26/07	85.4			
	07/25/07	126			
	10/25/07	170			
	10/25/07 D	155			
	01/31/08	147			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	01/31/08 D	146			
	04/24/08	121			
	07/25/08	101			
	10/22/08	97.9			
	01/21/09	111			
	04/22/09	107			
	07/29/09	124			
	10/28/09	163			
	01/27/10	112			
	04/28/10	92.6			
	07/28/10	111			
	10/27/10	102			
	01/26/11	85.4			
	10/13/11	75.1			
	05/31/12	63.6			
MW-7	05/31/12	90.8			
MW-8	01/13/00	160			
	04/06/00	90			
	08/02/00	84			
	11/15/00	100			
	03/06/01	87			
	06/25/01	75			
	09/26/01	72			
	12/12/01	85			
	05/21/02	104	546	638	76
	10/16/02	42.4			
	01/22/03	106			
	01/31/08	107			
	05/31/12	129			
MW-9	04/24/08	55.1			
MW-10	01/13/00	180			
	04/06/00	180			
	08/02/00	140			
	05/31/12	141			
MW-11	04/06/00	310			
	08/02/00	270			
	11/15/00	300			
	03/06/01	280			
	06/25/01	290			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	04/24/08	238			
	07/25/08	271			
	10/22/08	185			
	01/21/09	206			
	07/29/09	228			
	10/28/09	303			
	01/27/10	232			
	07/28/10	250			
MW-12	04/06/00	190			
	08/02/00	150			
	11/15/00	190			
	03/06/01	180			
	06/25/01	190			
	09/26/01	180			
	12/12/01	169			
	05/21/02	180	864	2,050	478
	10/16/02	69.5			
	01/23/03	180			
	04/25/03	179			
	07/14/03	204			
	10/20/03	197			
	01/21/04	183			
	04/21/04	188			
	07/23/04	195			
	07/23/04 D	196			
	10/28/04	196			
	01/27/05	187			
	01/27/05 D	193			
	04/20/05	151			
	04/20/05 D	154			
	07/21/05	180			
	07/21/05 D	179			
	10/20/05	149			
	10/20/05 D	158			
	01/26/06	168			
	01/26/06 D	183			
	04/27/06	169			
	4/27/06 D	178			
	07/27/06	162			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	07/27/06 D	136			
	10/26/06	172			
	10/26/06 D	170			
	01/26/07	174			
	01/26/07 D	164			
	04/25/07	175			
	04/25/07 D	166			
	07/25/07	177			
	07/25/07 D	192			
	10/25/07	211			
	10/25/07 D	187			
	01/31/08	181			
	01/31/08 D	177			
	04/24/08	185			
	04/24/08 D	183			
	07/25/08	182			
	07/25/08 D	180			
	10/22/08	138			
	10/22/08 D	134			
	01/21/09	165			
	01/21/09 D	156			
	04/22/09	193			
	04/22/09 D	185			
	07/29/09	190			
	07/29/09 D	197			
	10/28/09	235			
	10/28/09 D	233			
	01/27/10	192			
	01/27/10 D	198			
	04/28/10	171			
	04/28/10 D	173			
	07/28/10	190			
	07/28/10 D	194			
	10/27/10	201			
	10/27/10 D	191			
	01/26/11	186			
	01/26/11 D	186			
	10/13/11	191			
	05/31/12	174			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
MW-13	06/02/00	91			
	08/02/00	61			
	11/15/00	63			
	03/06/01	66			
	06/25/01	200			
	09/26/01	66			
	12/12/01	69.5			
	05/21/02	58.5	617	563	23
	10/16/02	71.5			
	01/22/03	72.6			
	04/24/03	67.0			
	07/14/03	72.2			
	10/17/03	67.6			
	01/21/04	68.8			
	04/21/04	62.2			
	07/22/04	64.6			
	10/27/04	59.7			
	01/26/05	66.9			
	04/20/05	69.0			
	07/21/05	64.9			
	10/20/05	63.9			
	01/25/06	68.1			
	04/26/06	65.8			
	07/26/06	71.5			
	10/25/06	91.4			
	01/25/07	65.0			
	04/25/07	69.8			
	07/25/07	71.2			
	10/24/07	61.9			
	01/30/08	71.2			
	04/23/08	71.5			
	07/24/08	74.0			
	10/22/08	59.9			
	01/21/09	65.4			
	04/22/09	67.2			
	07/29/09	68.5			
	10/28/09	80.7			
	01/27/10	69.5			
	04/28/10	76.7			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	07/28/10	70.9			
	10/27/10	69.9			
	01/26/11	74.9			
	10/13/11	78.5			
	05/31/12	76.8			
MW-14	06/02/00	180			
	08/02/00	170			
	11/15/00	190			
	03/06/01	190			
	06/25/01	200			
	09/26/01	200			
	12/12/01	197			
	05/21/02	162	745	3,290	342
	10/16/02	67			
	01/23/03	228			
	04/25/03	194			
	07/14/03	242			
	10/17/03	214			
	01/21/04	200			
	04/21/04	201			
	07/22/04	203			
	10/28/04	91.7			
	01/26/05	87.7			
	04/20/05	141			
	07/21/05	107			
	10/20/05	234			
	01/26/06	166			
	04/27/06	183			
	07/27/06	164			
	10/26/06	189			
	01/25/07	178			
	04/26/07	192			
	07/25/07	188			
	10/25/07	209			
	01/30/08	194			
	04/23/08	171			
	07/24/08	196			
	10/22/08	131			
	01/21/09	189			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	04/22/09	156			
	07/29/09	237			
	10/28/09	256			
	01/27/10	202			
	04/28/10	190			
	07/28/10	221			
	10/27/10	231			
	01/26/11	216			
	10/13/11	198			
	05/31/12	191			
MW-15	06/02/00	170			
	08/02/00	160			
	11/15/00	170			
	07/20/05	143			
	10/19/05	137			
	01/25/06	180			
	04/26/06	301			
	07/26/06	327			
	10/25/06	321			
	01/25/07	321			
	04/25/07	290			
	07/24/07	251			
	10/24/07	287			
	01/30/08	289			
	04/23/08	297			
	07/24/08	372			
	10/21/08	200			
	01/21/09	285			
	04/21/09	252			
	07/28/09	172			
	10/27/09	218			
	01/26/10	188			
	04/27/10	167			
	07/27/10	190			
	10/26/10	183			
	01/25/11	185			
	10/13/11	224			
	05/31/12	173			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
MW-16	06/02/00	220			
	08/02/00	210			
	11/15/00	210			
	03/06/01	240			
	06/25/01	240			
	09/26/01	67			
	12/12/01	172			
	05/21/02	159	540	2,940	83
	10/15/02	194			
	01/22/03	206			
	04/24/03	176			
	07/14/03	190			
	10/17/03	200			
	01/21/04	182			
	04/21/04	184			
	07/21/04	185			
	10/26/04	188			
	01/26/05	178			
	04/20/05	193			
	07/19/05	189			
	10/19/05	178			
	01/25/06	174			
	04/26/06	179			
	07/26/06	141			
	10/25/06	175			
	01/25/07	156			
	04/25/07	156			
	07/24/07	168			
	10/24/07	175			
	01/30/08	173			
	04/23/08	160			
	07/23/08	168			
	10/21/08	142			
	01/20/09	151			
	04/21/09	131			
	07/28/09	140			
	10/27/09	175			
	01/26/10	148			
	04/27/10	150			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	07/27/10	140			
	10/26/10	134			
	01/25/11	145			
	10/12/11	132			
	05/31/12	125			
MW-17	06/02/00	140			
	08/02/00	110			
	11/15/00	130			
	03/06/01	130			
	06/25/01	140			
	09/26/01	130			
	12/12/01	147			
	05/21/02	132	575	1,040	202
	10/15/02	149			
	01/22/03	76.7			
	04/24/03	84.3			
	07/14/03	143			
	01/26/05	146			
	04/20/05	126			
	07/19/05	127			
	10/19/05	123			
	01/25/06	145			
	04/26/06	142			
	07/26/06	134			
	10/25/06	127			
	01/25/07	138			
	04/25/07	189			
	07/24/07	266			
	10/24/07	248			
	01/30/08	255			
	04/23/08	245			
	07/23/08	284			
	10/21/08	188			
MW-18	06/02/00	190			
	08/02/00	160			
	11/15/00	210			
	03/06/01	190			
	06/25/01	210			
	09/26/01	190			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	12/12/01	182			
	05/21/02	184	1,070	2,930	374
	10/16/02	102			
	01/23/03	218			
	04/25/03	195			
	07/14/03	193			
	10/20/03	207			
	01/21/04	193			
	04/21/04	195			
	07/22/04	205			
	10/28/04	205			
	01/26/05	206			
	04/20/05	193			
	07/21/05	206			
	10/20/05	176			
	01/26/06	198			
	04/27/06	199			
	07/27/06	184			
	10/26/06	191			
	01/26/07	191			
	04/26/07	203			
	07/25/07	196			
	10/25/07	219			
	01/30/08	205			
	04/24/08	201			
	07/24/08	208			
	10/22/08	148			
	01/21/09	197			
	04/22/09	220			
	07/29/09	218			
	10/28/09	261			
	01/27/10	195			
	04/28/10	170			
	07/28/10	201			
	10/27/10	184			
	01/26/11	200			
	10/13/11	197			
	05/31/12	188			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
MW-19	06/02/00	140			
	08/02/00	110			
	11/15/00	130			
	03/06/01	130			
	06/25/01	150			
	09/26/01	140			
	12/12/01	144			
	05/21/02	150	824	2,750	40
	10/15/02	180			
	01/22/03	177			
	04/24/03	161			
	07/14/03	20.3			
	10/17/03	117			
	01/21/04	169			
	04/21/04	173			
	07/22/04	177			
	10/27/04	171			
	01/26/05	187			
	04/20/05	156			
	07/21/05	177			
	10/20/05	161			
	01/26/05	137			
	04/28/10	157			
	07/28/10	186			
	10/27/10	172			
	01/26/11	174			
	04/26/06	123			
	07/27/06	99.8			
	10/26/06	116.0			
	01/25/07	93.7			
	04/25/07	92.6			
	07/25/07	97.7			
	10/24/07	110			
	01/30/08	101			
	04/23/08	96.1			
	07/24/08	96.5			
	10/22/08	101			
	01/21/09	111			
	04/22/09	125			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	07/29/09	146			
	10/28/09	202			
	01/27/10	176			
	10/13/11	174			
	05/31/12	177			
MW-20	06/02/00	83			
	08/02/00	66			
	11/15/00	66			
	03/06/01	62			
	06/25/01	71			
	09/26/01	210			
	12/12/01	69			
	05/21/02	72	638	1,840	26
	10/15/02	85			
	01/22/03	83.6			
	04/24/03	77.0			
	07/14/03	85.8			
	10/17/03	76.8			
	01/21/04	74.6			
	04/21/04	69.3			
	07/21/04	69.4			
	10/26/04	68.5			
	01/26/05	76.0			
	04/20/05	73.7			
	07/19/05	69.9			
	10/19/05	72.0			
	01/25/06	72.9			
	04/26/06	70.0			
	07/26/06	68.0			
	10/25/06	92.6			
	02/26/07	70.5			
	04/25/07	67.8			
	07/24/07	44.5			
	10/24/07	142			
	01/30/08	85			
	04/23/08	93.5			
	07/23/08	98.1			
	10/21/08	103			
	01/20/09	109			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	04/21/09	118			
	07/28/09	159			
	10/27/09	194			
	01/26/10	156			
	04/27/10	161			
	07/27/10	150			
	10/26/10	130			
	01/25/11	125			
	10/12/11	100			
	05/31/12	92			
MW-21	06/13/02	832			
	10/15/02	857			
	01/22/03	806			
	04/24/03	414			
	07/14/03	853			
	10/17/03	886			
	01/21/04	782			
	04/21/04	684			
	07/21/04	613			
	10/26/04	907			
	01/26/05	659			
	04/20/05	555			
	07/19/05	527			
	10/19/05	483			
	01/25/06	509			
	04/26/06	552			
	07/26/06	466			
	10/25/06	499			
	02/26/07	300			
	04/25/07	572			
	07/24/07	1,010			
	10/24/07	825			
	01/30/08	1,110			
	04/23/08	984			
	07/23/08	694			
	10/21/08	855			
	01/20/09	1,060			
	04/21/09	1,090			
	07/28/09	1,040			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	10/27/09	1,390			
	01/26/10	1,090			
	04/27/10	1,320			
	07/27/10	1,020			
	10/26/10	944			
	01/25/11	926			
	10/12/11	249			
	05/31/12	358			
MW-22	06/13/02	76.5			
	10/15/02	86.5			
	01/22/03	85.7			
	04/24/03	77.0			
	07/14/03	82.0			
	10/17/03	82.8			
	01/21/04	79.4			
	04/21/04	75.3			
	07/22/04	78.3			
	10/27/04	77.5			
	01/26/05	88.3			
	04/20/05	81.1			
	07/21/05	79.3			
	10/20/05	77.5			
	01/25/06	101			
	04/26/06	74.3			
	07/26/06	81.5			
	10/25/06	101.0			
	01/25/07	80.3			
	04/26/07	79.8			
	07/25/07	83.4			
	10/24/07	75.3			
	01/30/08	85.4			
	04/23/08	84.6			
	07/24/08	82.1			
	10/22/08	64.2			
	01/21/09	76.2			
	04/22/09	79.4			
	07/29/09	75.3			
	10/28/09	97.1			
	01/27/10	78.7			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	04/28/10	90.9			
	07/28/10	86.2			
	10/27/10	83.3			
	01/26/11	87.6			
	10/13/11	87.7			
MW-23	06/13/02	63			
	10/15/02	36.2			
	01/22/03	58.5			
	04/24/03	130			
	07/14/03	64.6			
	10/17/03	59.2			
	01/21/04	61.3			
	04/21/04	54.8			
	07/22/04	59.0			
	10/27/04	55.5			
	01/26/05	64.8			
	04/20/05	77.6			
	07/21/05	65.0			
	10/19/05	66.5			
	01/25/06	67.7			
	04/26/06	63.4			
	07/26/06	67.2			
	10/25/06	86.5			
	01/25/07	63.6			
	04/25/07	66.8			
	07/25/07	63.7			
	10/24/07	61.6			
	01/30/08	67.9			
	04/23/08	65.7			
	07/24/08	59.5			
	10/22/08	52.2			
	01/21/09	55			
	04/22/09	59.4			
	07/29/09	55.7			
	10/28/09	71.6			
	01/27/10	55.3			
	04/28/10	68.6			
	07/28/10	56.6			
	10/27/10	58.8			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	01/26/11	63.2			
	10/13/11	64.1			
	05/31/12	61.1			
MW-24	07/22/04	165			
	10/27/04	151			
	01/26/05	182			
	04/20/05	166			
	07/20/05	169			
	10/19/05	177			
	10/19/05 D	176			
	01/25/06	191			
	01/25/06 D	187			
	04/26/06	172			
	04/26/06 D	134			
	07/26/06	176			
	07/26/06 D	177			
	10/25/06	209			
	10/25/06 D	208			
	01/25/07	209			
	01/25/07 D	217			
	04/25/07	192			
	04/25/07 D	181			
	07/24/07	174			
	07/24/07 D	192			
	10/24/07	190			
	01/30/08	185			
	04/23/08	182			
	4/23/08 D	185			
	07/24/08	217			
	07/24/08 D	216			
	10/21/08	189			
	10/21/08 D	200			
	01/21/09	269			
	01/21/09 D	294			
	04/21/09	278			
	04/21/09 D	323			
	07/28/09	275			
	07/28/09 D	287			
	10/28/09	400			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	10/28/09 D	400			
	01/26/10	285			
	01/26/10 D	287			
	04/27/10	232			
	04/27/10 D	253			
	07/27/10	257			
	07/27/10 D	255			
	10/26/10	221			
	10/26/10 D	214			
	01/25/11	218			
	01/25/11 D	217			
	10/12/11	197			
	05/31/12	215			
MW-25	07/22/04	116			
	10/27/04	129			
	01/26/05	143			
	04/20/05	123			
	07/19/05	152			
	10/19/05	453			
	01/25/06	480			
	04/26/06	461			
	07/26/06	388			
	10/25/06	241			
	01/25/07	119			
	04/25/07	192			
	07/24/07	177			
	10/24/07	376			
	01/30/08	461			
	04/23/08	269			
	07/24/08	256			
	10/21/08	149			
	01/20/09	138			
	04/21/09	159			
	07/28/09	151			
	10/27/09	203			
	01/26/10	171			
	04/27/10	177			
	07/27/10	126			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	10/26/10	118			
	01/25/11	132			
	10/12/11	124			
	05/31/12	128			
MW-26	04/20/05	82.5			
	07/20/05	77.2			
	10/19/05	77.8			
	01/25/06	78.3			
	04/26/06	74.0			
	07/26/06	77.9			
	10/25/06	99.1			
	01/25/07	66.6			
	04/25/07	81.4			
	07/25/07	83.7			
	10/24/07	73.3			
	01/30/08	86.8			
	04/23/08	90.4			
	07/24/08	92.6			
	10/22/08	83.1			
	01/21/09	99.8			
	04/22/09	95.3			
	07/29/09	114			
	10/28/09	147			
	01/26/10	128			
	04/27/10	123			
	07/28/10	136			
	10/27/10	131			
	01/26/11	146			
	10/13/11	154			
	05/31/12	150			
MW-27	04/20/05	129			
	04/20/05 D	132			
	07/20/05	129			
	07/20/05 D	129			
	10/19/05	132			
	01/25/06	136			
	01/25/06 D	138			
	04/26/06	112			
	07/26/06	115			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	10/25/06	151			
	01/25/07	119			
	04/25/07	117			
	07/25/07	130			
	10/24/07	119			
	01/30/08	115			
	04/23/08	102			
	07/24/08	104			
	10/22/08	107			
	01/21/09	103			
	04/22/09	97.8			
	07/29/09	111			
	10/28/09	160			
	01/27/10	119			
	04/28/10	116			
	07/28/10	130			
	10/27/10	124			
	01/26/11	127			
	10/13/11	99.3			
	05/31/12	93.6			
SVE-10	01/23/03	282			
	04/25/03	241			
	07/14/03	270			
	10/20/03	255			
	01/22/04	265			
	04/22/04	236			
	07/23/04	250			
	10/28/04	243			
	01/27/05	251			
	04/20/05	204			
	07/21/05	236			
	10/20/05	183			
	01/26/06	243			
	04/27/06	234			
	07/27/06	230			
	10/26/06	244			
	01/26/07	234			
	04/26/07	256			
	07/25/07	247			

TABLE 5

GROUNDWATER ANALYTICAL DATA - INORGANICS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Well Number	*Sample Date*	*Chloride (mg/L)*	*Total Hardness (mg/L)*	*Iron (µg/L)*	*Manganese (µg/L)*
	10/25/07	227			
	01/31/08	234			
	04/24/08	226			
	07/25/08	253			
	10/22/08	173			
	01/21/09	205			
	04/22/09	231			
	07/29/09	252			
	10/28/09	340			
	01/27/10	223			
	04/28/10	221			
	07/28/10	244			
	10/27/10	224			
	01/26/11	240			
	10/13/11	238			
SP-1	06/02/00	180			

Notes:

mg/L = milligrams per liter

µg/L = micrograms per liter

D = Duplicate Sample

Blank Fields Indicate No Data

TABLE 6A

VOC EMISSIONS DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
10/17/02	0	246	875	62.71	62.71	62.71	62.71	0
10/18/02	1	447	870	113.30	87.82	87.82	150.53	1
10/21/02	4	377	875	96.10	105.03	315.08	465.61	3
10/22/02	5	183	875	46.65	71.38	71.38	536.98	1
10/23/02	6	363	875	92.53	69.59	69.59	606.58	1
10/24/02	7	405	875	103.24	97.89	97.89	704.46	1
10/25/02	8	345	875	87.95	95.59	95.59	800.06	1
11/04/02	18	412	875	105.03	96.49	964.86	1764.91	10
11/05/02	19	631	875	160.85	132.94	132.94	1897.85	1
11/06/02	20	434	870	110.00	134.97	134.97	2032.82	1
11/07/02	21	429	875	109.36	110.00	110.00	2142.82	1
11/08/02	22	336	865	84.67	96.39	96.39	2239.21	1
11/15/02	29	552	865	139.11	111.89	783.22	3022.43	7
11/22/02	36	663	875	169.01	154.86	1084.03	4106.46	7
11/29/02	43	488	875	124.40	146.70	1026.93	5133.39	7
11/30/02	44	534	870	135.35	129.52	129.52	5262.90	1
12/16/02	60	389	870	98.60	116.97	1871.54	7134.44	16
12/17/02	61	444	875	113.18	106.17	106.17	7240.62	1
12/18/02	62	320	875	81.57	97.38	97.38	7337.99	1
12/19/02	63	464	875	118.28	99.93	99.93	7437.92	1
12/20/02	64	373	875	95.08	106.68	106.68	7544.60	1
01/14/03	89	380	865	95.76	94.88	2371.97	9916.58	25
01/15/03	90	334	870	84.66	90.48	90.48	10007.06	1
01/16/03	91	408	875	104.01	94.57	94.57	10101.63	1
02/08/03	114	445	870	112.79	108.10	2486.31	12587.94	23
02/14/03	120	175	875	44.61	79.02	474.14	13062.08	6
02/24/03	130	335	875	85.40	65.00	650.03	13712.12	10
02/25/03	131	313	870	79.33	82.12	82.12	13794.24	1
02/26/03	132	322	875	82.08	80.94	80.94	13875.17	1
02/27/03	133	318	875	81.06	81.57	81.57	13956.75	1
02/28/03	134	339	875	86.42	83.74	83.74	14040.49	1
03/13/03	147	223	875	56.85	71.63	931.21	14971.69	13
03/14/03	148	217	875	55.32	56.08	56.08	15027.78	1
04/07/03	172	234	875	59.65	57.48	1379.60	16407.38	24
04/08/03	173	195	875	49.71	54.68	54.68	16462.06	1
04/09/03	174	188	875	47.92	48.82	48.82	16510.87	1
04/10/03	175	155	875	39.51	43.72	43.72	16554.59	1
04/11/03	176	141	875	35.94	37.73	37.73	16592.32	1
05/18/03	213	227	875	57.87	46.90	1735.47	18327.79	37
05/19/03	214	203	875	51.75	54.81	54.81	18382.59	1
06/09/03	235	0	0	0.00	0.00	0.00	18382.59	21
07/14/03	270	0	0	0.00	0.00	0.00	18382.59	35
07/15/03	271	445	875	113.44	56.72	56.72	18439.31	1
07/21/03	277	297	875	75.71	94.57	567.44	19006.75	6
07/22/03	278	321	875	81.83	78.77	78.77	19085.52	1
08/01/03	288	248	875	63.22	72.52	725.24	19810.76	10

TABLE 6A

VOC EMISSIONS DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
08/24/03	311	237	875	60.42	61.82	1421.79	21232.55	23
09/09/03	327	119	875	30.33	45.37	726.00	21958.55	16
09/10/03	328	134	875	34.16	32.25	32.25	21990.80	1
09/11/03	329	118	870	29.91	31.94	31.94	22022.73	1
09/12/03	330	126	875	32.12	31.10	31.10	22053.83	1
10/20/03	368	50	875	12.75	22.43	852.44	22906.27	38
11/24/03	403	255	875	65.00	38.87	1360.61	24266.88	35
12/30/03	439	155	875	39.51	52.26	1881.28	26148.16	36
01/29/04	469	147	873	37.39	38.40	1152.13	27300.29	30
02/16/04	487	142	849	35.12	35.74	643.33	27943.62	18
02/25/04	496	116	861	29.10	32.36	291.22	28234.84	9
03/25/04	525	114	875	29.06	29.32	850.14	29084.99	29
04/14/04	545	181	875	46.14	37.60	752.00	29836.99	20
04/27/04	558	158	875	40.28	43.21	561.71	30398.70	13
05/26/04	587	127	875	32.37	36.33	1053.44	31452.13	29
06/09/04	601	108	875	27.53	29.95	419.34	31871.47	14
06/30/04	622	97.6	875	24.88	26.21	550.31	32421.78	21
07/27/04	649	104	875	26.51	25.70	693.78	33115.56	27
08/03/04	656	94.2	875	24.01	25.26	176.83	33292.40	7
08/24/04	677	112	875	28.55	26.28	551.92	33844.31	21
09/08/04	692	114	875	29.06	28.81	432.08	34276.40	15
09/20/04	704	100	875	25.49	27.28	327.31	34603.71	12
10/05/04	719	109	875	27.79	26.64	399.58	35003.29	15
11/11/04	756	91.9	875	23.43	25.61	947.43	35950.72	37
11/22/04	767	72	875	18.35	20.89	229.79	36180.51	11
12/29/04	804	66	875	16.82	17.59	650.80	36831.31	37
01/27/05	833	54	875	13.77	15.29	443.55	37274.87	29
02/14/05	851	35.9	875	9.15	11.46	206.25	37481.12	18
03/02/05	867	29.1	875	7.42	8.28	132.56	37613.68	16
03/23/05	888	28.3	875	7.21	7.32	153.64	37767.31	21
04/08/05	904	26.5	875	6.76	6.98	111.76	37879.07	16
04/12/05	908	27.9	875	7.11	6.93	27.73	37906.80	4
05/16/05	942	18.2	875	4.64	5.88	199.78	38106.58	34
05/23/05	949	19.5	875	4.97	4.81	33.64	38140.22	7
06/01/05	958	17.1	875	4.36	4.66	41.98	38182.20	9
06/10/05	967	17.5	875	4.46	4.41	39.69	38221.89	9
06/17/05	974	19.2	875	4.89	4.68	32.74	38254.63	7
06/29/05	986	17.8	875	4.54	4.72	56.59	38311.23	12
08/11/05	1029	22.9	875	5.84	5.19	223.06	38534.29	43
08/17/05	1035	17.2	875	4.38	5.11	30.67	38564.96	6
09/15/05	1064	5.0	875	1.27	2.83	82.06	38647.01	29
09/29/05	1078	3.8	875	0.97	1.12	15.70	38662.72	14
11/03/05	1113	0.0	875	0.00	0.48	16.95	38679.67	35
11/10/05	1120	0.0	875	0.00	0.00	0.00	38679.67	7
11/16/05	1126	0.0	875	0.00	0.00	0.00	38679.67	6
11/29/05	1139	0.0	875	0.00	0.00	0.00	38679.67	13

TABLE 6A

VOC EMISSIONS DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
12/06/05	1146	0.0	875	0.00	0.00	0.00	38679.67	7
12/12/05	1147	0.0	875	0.00	0.00	0.00	38679.67	6
01/10/06	1147	6.4	875	1.63	0.82	0.82	38680.48	35
09/14/06	1148	346	875	88.20	44.92	11.23	38691.71	247
09/21/06	1155	203	875	51.75	69.97	489.82	39181.53	7
09/25/06	1159	145	875	36.96	44.36	177.42	39358.96	4
10/02/06	1166	121	875	30.84	33.90	237.33	39596.28	7
10/10/06	1174	115	875	29.32	30.08	240.64	39836.92	8
10/16/06	1180	110	875	28.04	28.68	172.07	40008.99	6
10/30/06	1184	155	875	39.51	33.78	472.87	40481.86	14
11/06/06	1191	116	875	29.57	34.54	241.79	40723.65	7
11/21/06	1206	160	875	40.79	35.18	527.68	41251.32	15
11/28/06	1213	70.2	875	17.90	29.34	205.39	41456.71	7
12/05/06	1220	62.5	875	15.93	16.91	118.40	41575.10	7
12/11/06	1226	46.2	875	11.78	13.85	83.13	41658.23	6
12/18/06	1233	40.6	875	10.35	11.06	77.44	41735.67	7
01/02/07	1234	49.1	875	12.52	11.43	171.49	41907.17	15
01/08/07	1240	42.1	875	10.73	11.62	69.74	41976.91	6
01/16/07	1248	42.1	875	10.73	10.73	85.86	42062.77	8
02/05/07	1259	31.9	875	8.13	9.43	188.64	42251.41	20
02/26/07	1280	27.2	875	6.93	7.53	158.19	42409.59	21
03/05/07	1287	29.0	875	7.39	7.16	50.14	42459.74	7
03/13/07	1295	27.4	875	6.98	7.19	57.51	42517.25	8
03/14/07	1296	26.4	875	6.73	6.86	6.86	42524.10	1
03/26/07	1308	34.9	875	8.90	7.81	93.76	42617.86	12
04/02/07	1315	26.4	875	6.73	7.81	54.69	42672.55	7
05/29/07	1356	32.8	875	8.36	7.55	430.09	43102.65	57
06/04/07	1362	22.3	875	5.68	7.02	42.14	43144.78	6
06/11/07	1369	36.3	875	9.25	7.47	52.28	43197.07	7
06/18/07	1376	31.5	875	8.03	8.64	60.49	43257.56	7
06/26/07	1384	37.9	875	9.66	8.85	70.76	43328.32	8
08/07/07	1429	66.3	875	16.90	13.28	557.81	43886.13	42
08/27/07	1449	67.4	875	17.18	17.04	340.82	44226.95	20
09/04/07	1457	74.8	875	19.07	18.12	145.00	44371.95	8
09/10/07	1463	81.4	875	20.75	19.91	119.45	44491.40	6
10/02/07	1485	61.2	875	15.60	18.18	399.86	44891.26	22
10/31/07	1500	75.9	875	19.35	17.47	506.76	45398.02	29
11/12/07	1512	66.9	875	17.05	18.20	218.41	45616.43	12
11/19/07	1519	58.6	875	14.94	16.00	111.97	45728.40	7
12/05/07	1535	32.5	875	8.28	11.61	185.78	45914.19	16
12/10/07	1540	33.7	875	8.59	8.44	42.19	45956.38	5
12/20/07	1550	24.0	875	6.12	7.35	73.54	46029.92	10
01/07/08	1568	20.0	875	5.10	5.61	100.95	46130.87	18
02/12/08	1604	23.5	875	5.99	5.54	199.60	46330.46	36
03/11/08	1632	20.5	875	5.23	5.61	157.03	46487.49	28
03/17/08	1638	21.2	875	5.40	5.31	31.89	46519.38	6

TABLE 6A

VOC EMISSIONS DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
03/24/08	1645	23.3	875	5.94	5.67	39.70	46559.09	7
03/31/08	1652	24.0	875	6.12	6.03	42.20	46601.29	7
05/20/08	1702	25.1	875	6.40	6.26	312.91	46914.20	50
06/02/08	1715	26.6	875	6.78	6.59	85.66	46999.86	13
06/16/08	1729	34.4	875	8.77	7.77	108.85	47108.71	14
06/30/08	1743	66.0	875	16.82	12.80	179.15	47287.86	14
07/14/08	1757	0.0	0	0.00	0.00	0.00	47287.86	14
08/18/08	1792	96.8	875	24.68	12.34	0.09	47287.95	35
08/20/08	1794	104.0	875	26.51	25.59	0.18	47288.13	2
09/09/08	1814	79.6	875	15.10	17.42	348.39	47636.52	20
09/15/08	1820	85.3	875	14.45	13.97	83.81	47720.32	6
09/22/08	1827	82.2	875	13.94	14.21	99.45	47819.78	7
09/29/08	1834	92.3	875	15.64	14.79	103.52	47923.29	7
10/07/08	1842	100.0	875	11.23	10.80	86.40	48009.69	8
10/14/08	1849	0.0	0	0.00	0.00	0.00	48009.69	7
10/20/08	1855	0.0	0	0.00	0.00	0.00	48009.69	6
10/28/08	1863	112.0	875	13.92	6.96	55.67	48065.36	8
11/10/08	1876	0.0	0	0.00	0.00	0.00	48065.36	13
11/24/08	1890	94.8	875	16.03	8.02	112.22	48177.58	14
12/01/08	1897	94.6	875	15.92	15.94	111.55	48289.13	7
12/08/08	1904	87.8	875	14.87	15.44	108.10	48397.24	7
12/24/08	1920	75.8	875	12.90	13.92	222.68	48619.92	16
12/29/08	1925	77.0	875	12.91	12.81	64.03	48683.95	5
01/06/09	1933	0.0	0	0.00	0.00	0.00	48683.95	8
01/14/09	1941	90.5	875	15.33	7.67	61.33	48745.27	8
01/19/09	1946	0.0	0	0.00	0.00	0.00	48745.27	5
01/26/09	1953	0.0	0	0.00	0.00	0.00	48745.27	7
02/26/09	1984	96.6	875	13.31	6.65	252.87	48998.14	38
03/02/09	1988	91.9	875	15.54	15.94	63.77	49061.91	4
03/09/09	1995	82.6	875	13.85	14.63	102.40	49164.31	7
03/16/09	2002	86.3	875	14.40	14.10	98.67	49262.98	7
03/24/09	2010	89.0	875	15.04	14.81	118.51	49381.49	8
03/30/09	2016	90.6	875	15.22	15.09	90.52	49472.01	6
04/06/09	2023	93.4	875	15.83	15.59	109.15	49581.16	7
04/14/09	2031	92.8	875	15.61	15.66	125.29	49706.45	8
04/28/09	2045	82.9	875	11.98	12.69	177.66	49884.11	14
05/11/09	2058	83.0	875	14.11	14.10	183.26	50067.37	13
05/26/09	2073	96.0	875	16.17	15.07	226.06	50293.43	15
06/01/09	2079	81.3	875	13.96	15.22	91.33	50384.76	6
06/09/09	2087	80.7	875	13.41	13.46	107.71	50492.48	8
06/15/09	2093	123.0	875	20.92	17.33	103.96	50596.44	6
06/29/09	2107	104.0	875	17.60	19.21	268.96	50865.39	14
07/06/09	2114	112.0	875	18.61	17.94	125.61	50991.00	7
07/14/09	2122	132.0	875	22.45	20.75	165.99	51157.00	8
07/20/09	2128	105.0	875	17.55	19.80	118.82	51275.81	6
07/27/09	2135	103.0	875	10.35	10.45	73.18	51349.00	7

TABLE 6A

VOC EMISSIONS DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
08/03/09	2142	134.0	875	13.47	11.91	83.39	51432.38	7
08/12/09	2151	120.0	875	20.24	21.42	192.76	51625.14	9
08/24/09	2163	120.0	875	20.28	20.28	243.32	51868.46	12
08/31/09	2170	128.0	875	21.69	21.02	147.12	52015.58	7
09/08/09	2178	114.0	875	19.45	20.64	165.15	52180.72	8
09/16/09	2186	127.0	875	21.16	20.08	160.63	52341.35	8
09/28/09	2198	120.0	875	20.28	20.87	250.41	52591.76	12
10/05/09	2205	102.0	875	0.00	0.00	0.00	52591.76	7
10/12/09	2212	165.0	875	45.14	36.52	255.66	52847.42	7
10/26/09	2226	158.0	875	27.17	27.78	388.87	53236.30	14
11/03/09	2234	155.0	875	19.36	19.55	156.42	53392.72	8
11/10/09	2241	125.0	875	5.94	6.65	46.54	53439.26	7
11/23/09	2254	124.0	875	29.07	29.18	379.39	53818.65	13
11/30/09	2261	117.0	875	19.88	20.48	143.35	53962.00	7
12/07/09	2268	94.3	875	15.90	17.81	124.67	54086.67	7
01/04/10	2296	107.0	875	18.03	16.96	474.98	54561.65	28
01/11/10	2303	108.0	875	18.27	18.19	127.31	54688.96	7
02/01/10	2324	93.5	875	14.24	15.35	322.32	55011.28	21
02/08/10	2331	98.7	875	16.67	16.23	113.61	55124.89	7
02/22/10	2345	92.2	875	15.62	16.17	226.39	55351.27	14
03/01/10	2352	95.9	875	16.20	15.88	111.18	55462.46	7
03/08/10	2359	91.6	875	15.46	15.82	110.73	55573.18	7
03/22/10	2373	80.8	875	13.68	14.59	204.26	55777.45	14
03/29/10	2380	77.0	875	10.57	10.83	75.84	55853.29	7
04/05/10	2387	67.4	875	13.40	14.35	100.46	55953.75	7
04/13/10	2395	69.7	875	11.78	11.59	92.69	56046.44	8
04/19/10	2401	79.3	875	13.53	12.71	76.28	56122.72	6
05/20/10	2432	79.6	875	9.34	9.32	289.03	56411.75	31
05/27/10	2439	74.0	875	12.35	12.82	89.73	56501.48	7
06/01/10	2444	79.6	875	13.32	12.86	64.28	56565.76	5
06/07/10	2450	79.9	875	13.59	13.57	81.40	56647.16	6
06/15/10	2458	97.0	875	0.63	0.58	4.60	56651.76	8
06/28/10	2471	151.0	875	25.53	20.96	272.50	56924.26	13
07/19/10	2492	138.0	875	20.39	21.35	448.32	57372.58	21
07/26/10	2499	155.0	875	26.32	24.87	174.12	57546.70	7
08/30/10	2534	127.0	875	20.20	22.43	785.06	58331.76	35
09/07/10	2542	132.0	875	22.29	21.87	174.96	58506.72	8
09/13/10	2548	120.0	875	20.46	21.48	128.88	58635.60	6
09/20/10	2555	122.0	875	20.40	20.23	141.63	58777.23	7
09/27/10	2562	124.0	875	21.07	20.90	146.32	58923.55	7
10/04/10	2569	137.0	875	22.89	21.80	152.61	59076.16	7
10/12/10	2577	136.0	875	23.08	23.16	185.29	59261.45	8
10/19/10	2584	134.0	875	22.61	22.78	159.45	59420.90	7
10/25/10	2590	141.0	875	23.64	23.05	138.31	59559.20	6
11/01/10	2597	172.0	875	5.25	4.77	33.41	59592.62	7
11/09/10	2605	140.0	875	23.89	26.61	212.92	59805.53	8

TABLE 6A

VOC EMISSIONS DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Date	*Total Time (days)*	*Effluent Concentration (ppm)*	*Flow Rate (SCFM)*	*"SnapShot" Discharge (lbs/day)*	*Average Discharge for Period (lbs/day)*	*Incremental Discharge (lbs)*	*Cumulative Discharge (lbs)*	*Incremental Time (Days)*
11/22/10	2618	112.0	875	19.06	21.44	278.77	60084.30	13
12/06/10	2632	97.0	875	16.40	17.67	247.41	60331.71	14
12/13/10	2639	93.0	875	12.98	13.26	92.83	60424.54	7
01/04/11	2661	50.6	875	8.67	12.31	270.73	60695.27	22
01/10/11	2667	77.7	875	15.30	12.63	75.77	60771.04	6
01/17/11	2674	77.7	875	13.15	13.15	92.02	60863.06	7
01/24/11	2681	80.2	875	13.53	13.32	93.25	60956.31	7
01/31/11	2688	79.9	875	9.37	9.39	65.72	61022.03	7
02/07/11	2695	73.0	875	12.61	13.20	92.41	61114.44	7
03/07/11	2723	91.1	875	14.32	12.90	361.23	61475.67	28
03/28/11	2744	67.7	875	11.40	13.37	280.75	61756.42	21
08/16/11	2885	35.0	875	5.16	7.56	1066.56	62822.98	141
08/23/11	2892	35.6	875	3.82	3.79	26.51	62849.49	7
09/08/11	2908	87.9	875	9.34	6.56	105.01	62954.49	16
09/22/11	2922	53.7	875	1.65	2.17	30.38	62984.88	14
10/05/11	2935	53.1	875	3.06	3.08	39.99	63024.86	13
10/27/11	2957	49.0	875	3.08	3.21	70.65	63095.51	22
11/18/11	2979	49.0	875	5.21	5.21	114.55	63210.07	22
12/13/11	3004	47.0	875	4.98	5.09	127.25	63337.32	25
01/19/12	3041	33.0	875	3.50	4.24	156.90	63494.22	37
02/07/12	3060	33.0	875	3.51	3.51	66.74	63560.96	19
03/15/12	3097	33.6	875	3.57	3.53	130.76	63691.72	37
04/05/12	3118	15.3	875	1.63	2.60	54.56	63746.28	21
05/24/12	3167	15.3	875	1.26	1.26	61.85	63808.13	49
06/14/12	3188	15.3	875	0.54	0.54	11.42	63819.56	21
11/15/12	3342	15.3	875	0.74	0.74	113.46	63933.02	154
12/07/12	3364	15.3	875	0.02	0.02	0.44	63933.46	22
12/11/12	3368	15.3	875	1.66	1.66	6.63	63940.09	4
12/20/12	3377	15.3	875	1.64	1.64	14.77	63954.86	9
Estimated avg lbs/day removed (2002-2003):			110.72	Total tons VOCs removed (Oct 2002 - Oct 2003):				11.45
Estimated avg lbs/day removed (2003-2004):			45.75	Total tons VOCs removed (Feb 2004 - Feb 2005):				4.62
Estimated avg lbs/day removed (2004-2005):			16.81	Total tons VOCs removed (Feb 2005 - Dec 2005):				0.60
Estimated avg lbs/day removed (2006-2007):			31.61	Total tons VOCs removed (Jan 2006 - Feb 2007):				1.79
Estimated avg lbs/day removed (2007-2008):			11.27	Total tons VOCs removed (Feb 2007 - Mar 2008):				2.10
Estimated avg lbs/day removed (2008-2009):			7.22	Total tons VOCs removed (Mar 2008 - Feb 2009):				1.20
Estimated avg lbs/day removed (2009-2010):			16.19	Total tons VOCs removed (Mar 2009 - Feb 2010):				3.14
Estimated avg lbs/day removed (2010-2011):			16.80	Total tons VOCs removed (Mar 2010 - Feb 2011):				6.03
Estimated avg lbs/day removed (2011-2012):			7.98	Total tons VOCs removed (Mar 2011- Dec 2011):				0.93
Estimated avg lbs/day removed (2012-2013):			1.66	Total tons VOCs removed (Jan 2012- Dec 2012):				0.31
Estimated total pounds VOCs removed:			63,954.86	Cumulative tons VOCs removed since startup:				31.98

Notes and Calculations:

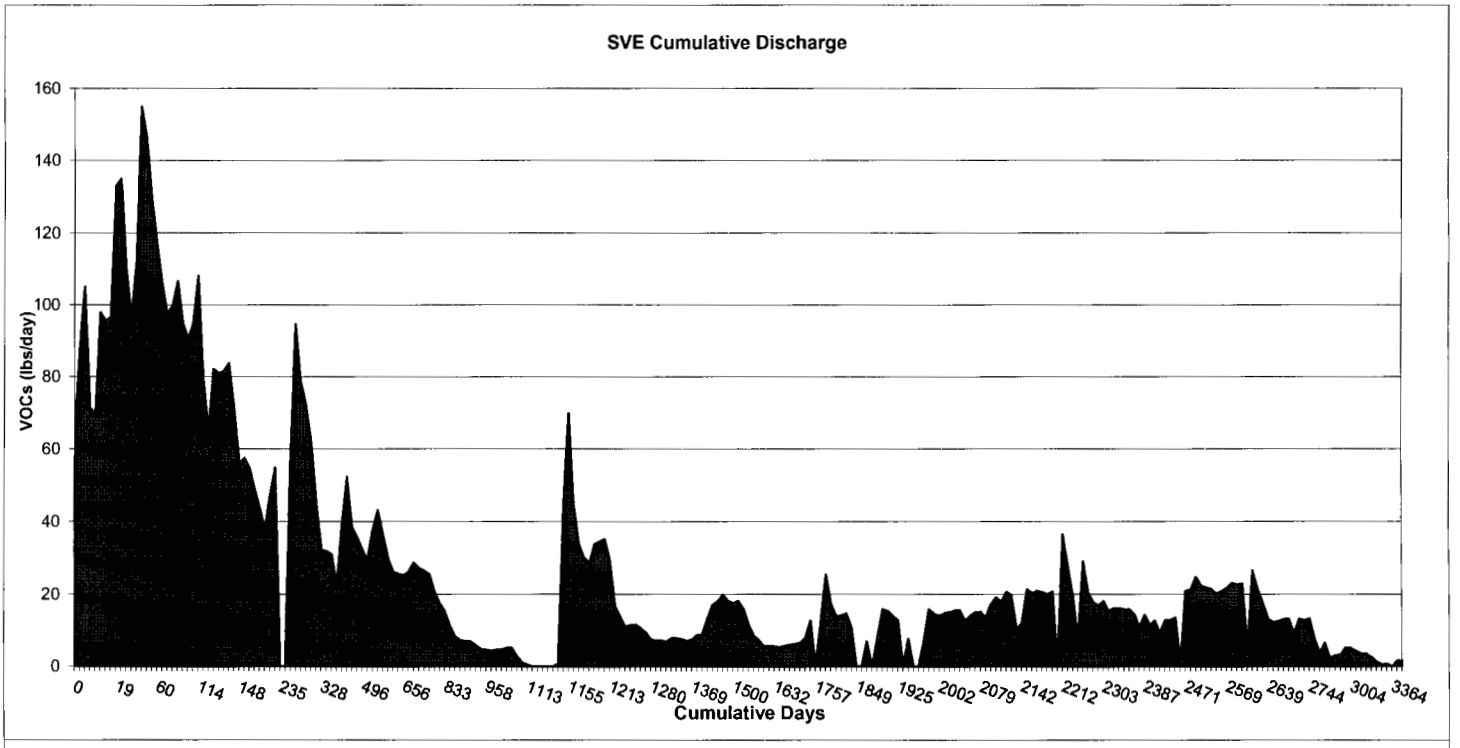
VOC Discharge (lbs/day) = ((Co (ppm)*(78 g/mole)/24.05)*(1 g/1000 mg)*(1 m^3/35.31 cf)*(1 lb/454 g)*(Q (scfm)*1440 min/day)

Where: Co = Average Effluent VOC concentration (ppm) from previous time period

Q = flow rate of effluent air (scfm) 24.05 = gas law constant

TABLE 6B

VOC EMISSIONS DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO



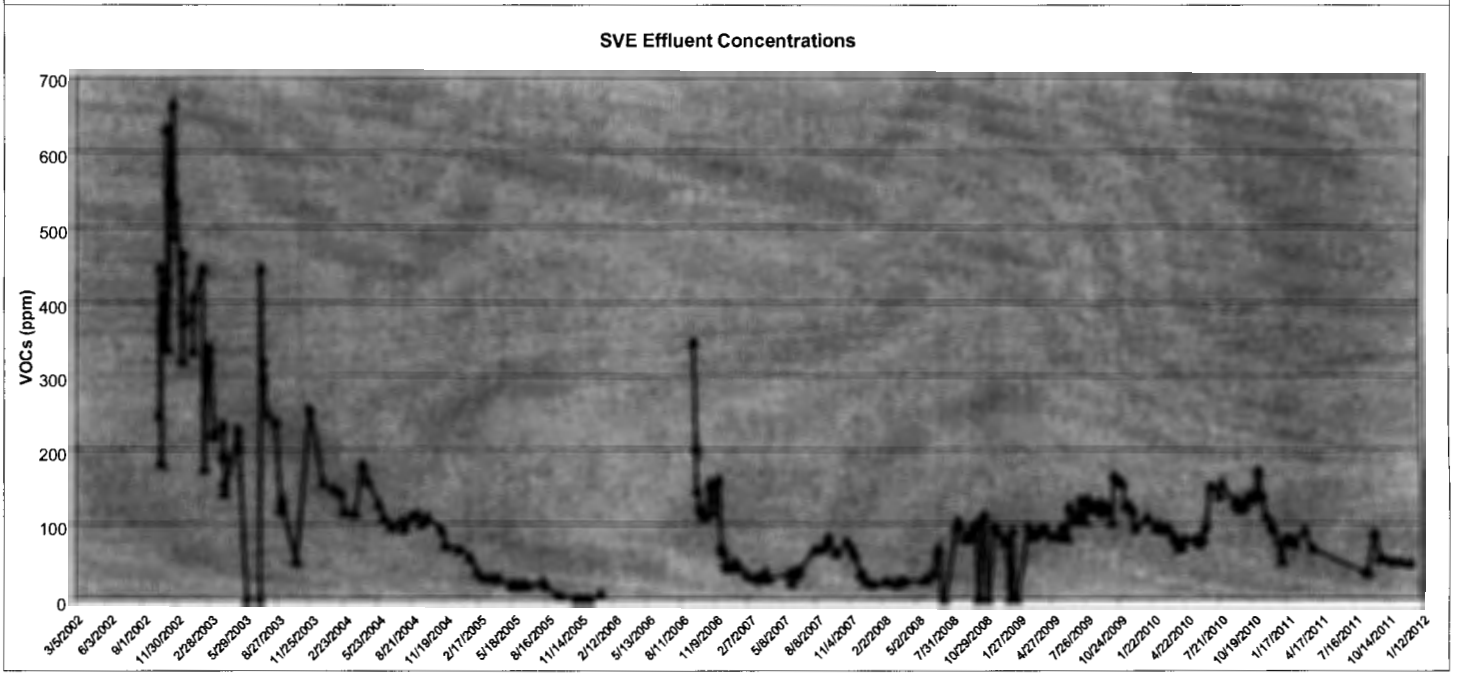


TABLE 7

SVE FIELD DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Date	Time	PID (ppm)	Monitoring Point - Measurements = inches of water at wellhead vacuum (-); pressure (+)													Comments
			MW-4 SVE-1	MW-5 SVE-2	MW-6 SVE-3	MW-7 SVE-4	MW-8 SVE-5	MW-9 SVE-6	MW-10 SVE-7	MW-11 SVE-8	MW-12 SVE-9	SVE-10	MW-14 SVE-11	MW-15 SVE-12	MW-18 SVE-13	
08/05/08	9:30 AM															Start Bioventing, Set Timers, Repair Leaks
08/06/08	7:30 AM		-3.1	-9.9	-9.9	-13.1	-13.0		-12.0	-2.6	-2.7	-9.9	-9.9	-0.3	-10.1	
08/18/08	9:00 AM	96.8														Shut System Down for Repairs
08/20/08	8:30 AM	104.0														Complete Repairs, Restart System
09/05/08	9:00 AM	85.3	-10.5	-10.8	-10.8	-10.6	-10.5		-10.5	-4.3	-2.4	-10.5	-10.3	-0.8	-10.5	
09/09/08	8:30 AM	79.6	-8.0	-10.2	-10.4	-10.5	-10.3		-10.5	-4.5	-3.0	-10.4	-10.0	-1.2	-10.5	
09/22/08	9:05 AM	82.2	-10.5	-10.5	-10.8	-11.1	-11.0		-11.0	-4.6	-2.5	-10.9	-10.4	-0.2	-10.9	
09/29/08	9:00 AM	92.3	-10.2	-10.4	-10.5	-11.3	-11.3		-11.2	-4.8	-2.8	-10.8	-10.6	-0.1	-11.0	
10/07/08	8:52 AM	100.0	-10.2	-10.2	-10.2	-10.8	-10.9		-10.8	-4.5	-2.5	-10.3	-10.3	-0.5	-10.6	SVE Down on False Alarm, Restart
10/28/08	8:45 AM	112.0	-10.0	-10.0	-10.0	-10.5	-10.4		-10.4	-5.0	-2.0	-10.1	-10.0	-1.2	-10.3	AC Down, Restart
11/10/08	10:40 AM	119.0	-11.2	-11.2	-11.3	-10.8	-10.8		-11.0	-5.8	-3.7	-11.3	-10.8	-0.5	-11.2	System Down, Reset Timer, Restart
11/24/08	10:05 AM	94.8	-11.0	-11.0	-11.0	-10.8	-10.9		-10.7	-7.5	-3.1	-11.0	-10.5	-1.0	-10.7	
12/01/08	9:14 AM	94.6	-10.8	-10.8	-10.8	-10.6	-10.5		-10.7	-6.3	-3.0	-8.4	-10.6	-1.7	-10.4	
12/08/08	9:15 AM	87.8	-10.7	-10.8	-10.8	-10.8	-10.9		-10.8	-6.8	-3.0	-7.5	-10.6		-10.8	
12/24/08	10:05 AM	75.8	-11.0	-11.0	-11.0	-10.2	-10.2		-10.2	-4.1	-2.0	-6.5	-10.0		-10.0	
12/29/08	8:50 AM	77.0	-9.4	-9.4	-9.8	-10.1	-10.3		-10.1	-2.2	-1.3	-5.6	-7.5		-8.5	
01/06/09	10:10 AM	136.0	-14.8	-14.8	-15.0	-15.0	-15.0		-15.0	-3.0	-2.9	-11.0	-10.0		-14.8	Belt Off SVE, Replace & Restart, Adj Bleed
01/14/09	10:45 AM	90.5	-15.3	-15.5	-16.0	-15.3	-15.6		-15.3	-2.3	-3.3	-10.3	-14.6		-15.0	
01/26/09	9:10 AM		-13.0	-13.0	-14.0	-13.2	-13.3		-13.2	-1.7	-2.0	-8.5	-9.0		-13.0	
02/10/09	9:00 AM		-12.0	-11.3	-14.0	-14.0	-14.0		-13.8	-1.8	-2.8	-6.5	-10.1		-13.8	
02/26/09	7:40 AM	96.6	-15.5	-14.0	-20.0	-21.0	-21.3		-20.8	-1.7	-5.0	-12.0	-11.0		-20.0	
03/02/09	9:20 AM	91.9	-21.0	-14.4	-21.0	-21.2	-22.0		-18.0	-2.3	-4.1	-20.5	-16.2		-20.5	
03/09/09	9:20 AM	82.6	-20.4	-13.5	-20.7	-20.5	-21.3		-20.4	-2.1	-4.4	-20.3	-19.0		-20.2	
03/16/09	9:11 AM	86.3	-20.0	-10.5	-21.7	-21.5	-21.9		-20.5	-1.4	-3.8	-20.0	-17.0		-20.5	
03/24/09	9:13 AM	89.0	-21.0	-12.1	-21.3	-21.3	-21.8		-20.4	-1.6	-4.3	-17.6	-16.2		-12.7	
03/30/09	9:13 AM	90.6	-20.3	-10.3	-21.1	-20.0	-21.5		-16.5	-0.7	-4.2	-20.4	-17.3		-8.5	

TABLE 7

SVE FIELD DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

			Monitoring Point - Measurements = inches of water at wellhead vacuum (-); pressure (+)													
Date	*Time*	*PID (ppm)*	*MW-4 SVE-1*	*MW-5 SVE-2*	*MW-6 SVE-3*	*MW-7 SVE-4*	*MW-8 SVE-5*	*MW-9 SVE-6*	*MW-10 SVE-7*	*MW-11 SVE-8*	*MW-12 SVE-9*	*SVE-10*	*MW-14 SVE-11*	*MW-15 SVE-12*	*MW-18 SVE-13*	*Comments*
04/06/09	9:08 AM	93.4	-18.0	-11.6	-23.8	-21.0	-22.4		-18.2	-0.8	-4.5	-22.0	-18.2		-10.3	
04/14/09	8:55 AM	92.8	-13.7	-11.0	-22.5	-22.0	-24.0		-23.1	-1.8	-3.7	-22.8	-18.8		-9.2	AC Down, Restart
04/20/09	9:30 AM		-12.5	-10.3	-21.5	-22.1	-24.3		-23.2	-1.9	-2.4	-18.5	-21.3		-9.4	
04/28/09	9:20 AM	82.9	-14.1	-12.6	-23.0	-23.2	-24.6		-22.4	-1.1	-2.2	-20.2	-17.4		-10.1	AC Down, Restart
05/11/09	9:45 AM	83.0	-10.0	-9.9	-23.0	-23.0	-23.9		-22.5	-1.2	-4.0	-14.5	-17.8		-9.3	
05/26/09	9:01 AM	96.0	-10.3	-9.6	-22.9	-25.0	-22.8		-22.2	-0.8	-4.9	-18.2	-20.5		-7.9	
06/01/09	10:00 AM	81.3	-8.0	-10.5	-22.1	-22.4	-22.8		-22.8	-0.9	-4.6	-21.0	-20.8		-8.4	
06/09/09	8:00 AM	80.7	-7.5	-9.8	-22.0	-22.0	-21.6		-21.6	-0.8	-5.8	-18.8	-20.7		-8.8	
06/15/09	8:30 AM	123	-1.5	-10.2	-20.5	-21.3	-20.9		-21.3	-0.3	-4.9	-18.9	-19.2		-7.2	
06/29/09	9:15 AM	104	-6.0	-14.6	-20.4	-20.2	-20.5		-20.4	-0.3	-3.7	-20.4	-19.7		-7.1	
07/06/09	8:30 AM	112														AC Down, Restart
07/14/09	9:00 AM	132	-7.2	-19.8	-20.1	-20.0	-20.1		-19.7	-0.3	-5.8	-19.7	-19.3		-7.0	AC Down, Restart
07/20/09	8:30 AM	105	-5.9	-19.9	-20.4	-22.2	-20.0		-19.8	-0.2	-4.5	-20.0	-19.6		-6.1	
07/27/09	10:00 AM	103	-6.9	-19.9	-19.6	-19.9	-19.8		-20.2	-0.6	-6.2	-20.2	-18.9		-5.9	
08/03/09	9:00 AM	134	-7.1	-19.7	-20.3	-20.2	-20.1		-20.1	-0.4	-6.1	-20.5	-19.1		-6.8	System Down, Restart
08/12/09	8:40 AM	120	-18.4	-19.5	-19.5	-19.6	-19.9		-19.5	-0.4	-8.5	-19.7	-18.5		-6.6	
08/24/09	8:30 AM	120	-18.7	-18.5	-18.9	-18.7	-18.9		-18.9	-0.4	-18.3	-18.8	-17.6		-5.8	AC Down, Restart
08/31/09	8:45 AM	128	-19.1	-18.9	-19.0	-19.0	-19.2		-18.6	-0.1	-18.4	-18.8	-17.9		-6.5	AC Down, Restart
09/08/09	10:30 AM	114	-18.7	-18.5	-18.7	-18.7	-18.7		-18.4	-0.2	-18.1	-18.4	-17.7		-4.9	AC Down, Restart
09/16/09	8:30 AM	127	-19.1	-18.8	-19.0	-18.8	-19.2		-19.4	-0.1	-18.3	-18.7	-17.9		-6.2	
09/28/09	8:30 AM	120	-19.6	-19.2	-19.1	-19.1	-19.2		-19.0	-0.1	-18.5	-18.9	-17.8		-9.6	AC Not Pressuring Up, Shut Down
10/05/09	9:45 AM	102	-18.7	-18.3	-18.9	-18.7	-18.8		-18.4	-0.3	-18.0	-18.6	-17.6		-8.1	AC Repairs, Restart
10/12/09	8:45 AM	165	-19.6	-19.2	-19.4	-19.3	-19.4		-19.2	-0.2	-18.7	-19.5	-18.3		-10.5	SVE Down, Restart
10/26/09	12:35 PM	158	-19.9	-19.4	-19.7	-19.1	-19.1		-19.0	-0.1	-18.6	-19.5	-18.3		-9.7	
11/03/09	9:00 AM	155	-19.9	-19.6	-19.9	-19.6	-20.0		-19.4	-0.2	-18.7	-19.5	-18.5		-10.4	
11/10/09	8:45 AM	125	-20.1	-19.8	-20.0	-20.1	-19.5		-19.5	-0.1	-19.2	-19.7	-18.8		-10.2	
11/23/09	8:45 AM	124	-21.0	-18.0	-20.5	-20.3	-20.8		-20.5	-0.1	-20.0	-20.4	-19.0		-14.6	
11/30/09	9:00 AM	117	-21.2	-16.6	-21.5	-20.7	-21.2		-20.4	-0.1	-20.3	-18.4	-19.6		-13.4	
12/07/09	9:00 AM	94.3	-22.6	-12.6	-21.5	-20.8	-21.5		-20.7	-0.1	-20.4	-17.2	-16.9		-14.6	

TABLE 7

SVE FIELD DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

			Monitoring Point - Measurements = inches of water at wellhead vacuum (-); pressure (+)													
Date	*Time*	*PID (ppm)*	*MW-4 SVE-1*	*MW-5 SVE-2*	*MW-6 SVE-3*	*MW-7 SVE-4*	*MW-8 SVE-5*	*MW-9 SVE-6*	*MW-10 SVE-7*	*MW-11 SVE-8*	*MW-12 SVE-9*	*SVE-10*	*MW-14 SVE-11*	*MW-15 SVE-12*	*MW-18 SVE-13*	*Comments*
12/22/09	9:00 AM		-18.9	-12.1	-20.7	-20.9	-21.2		-20.3	-0.1	-19.4	-17.7	-18.8		-19.0	AC Down, Restart
01/04/10	9:30 AM	107	-20.7	-12.6	-21.8	-21.5	-22.0		-21.0	-0.1	-13.7	-20.4	-11.5		-21.5	
01/11/10	9:20 AM	108	-20.6	-12.0	-22.3	-22.8	-21.6		-15.6	-0.1	-12.2	-0.1	-10.8		-20.8	
01/18/10	9:40 AM		-19.0	-10.6	-16.7	-21.6	-22.9		-19.5	-0.1	-12.0	-0.1	-14.7		-20.4	
02/01/10	9:40 AM	93.5	-19.8	-11.8	-16.1	-23.0	-21.6		-20.8	-0.1	-15.8	-0.1	-14.6		-11.0	
02/08/10	9:30 AM	98.7														Too Wet to Check
02/22/10	9:00 AM	92.2	-9.6	-10.2	-11.4	-20.2	-24.0		-19.5	0.0	-13.3	-0.2	-17.6		-7.8	
03/01/10	9:15 AM	95.9	-10.1	-10.0	-8.9	-16.4	-24.7		-21.3	0.0	-17.9	-0.1	-12.8		-8.0	
03/08/10	8:45 AM	91.6	-10.2	-7.8	-11.4	-17.8	-25.0		-17.8	0.0	-15.4	0.0	-14.4		-6.9	
03/22/10	9:40 AM	80.8	-9.2	-7.8	-11.4	-10.3	-23.0		-22.1	0.0	-15.1	-0.1	-19.9		-8.1	
03/29/10	9:40 AM	77.0	-9.5	-6.3	-9.4	-12.4	-24.6		-21.0	-0.1	-19.5	0.0	-16.0		-8.8	
04/05/10	9:00 AM	67.4	-8.4	-7.4	-9.8	-10.9	-23.5		-22.0	0.0	-21.0	0.0	-19.3		-7.7	
04/13/10	9:00 AM	69.7	-6.9	-7.0	-10.0	-7.1	-23.1		-20.2	0.0	-18.3	0.0	-16.3		-6.8	
04/19/10	10:00 AM	79.3	-7.7	-7.2	-9.3	-6.7	-24.1		-20.3	0.0	-19.2	0.0	-15.4		-4.9	
04/26/10	12:15 PM		-9.4	-7.5	-8.7	-9.1	-23.9		-22.3	0.0	-20.7	0.0	-19.1		-5.4	
05/03/10	9:00 AM		-8.0	-7.3	-6.8	-7.0	-22.6		-21.3	0.0	-17.9	0.0	-14.8		-5.2	
05/14/10	11:00 AM		-8.4	-5.8	-7.8	-7.6	-20.6		-21.6	0.0	-21.0	0.0	-19.3		-4.4	
05/20/10	10:30 AM	79.6	-6.0	-6.7	-6.2	-5.6	-20.0		-22.9	0.0	-17.0	0.0	-15.4		-6.5	
05/27/10	9:20 AM	74.0	-6.5	-6.8	-6.4	-8.1	-20.3		-21.7	0.0	-20.6	0.0	-19.2		-5.7	
06/01/10	8:20 AM	79.6	-8.0	-7.8	-5.0	-5.4	-19.9		-21.6	0.0	-20.9	0.0	-20.0		-6.1	
06/07/10	9:00 AM	79.9	-10.9	-6.7	-5.4	-7.8	-18.9		-21.0	0.0	-21.0	0.0	-19.9		-4.7	
06/15/10	8:45 AM	97.0	-5.8	-5.7	-4.7	-5.8	-17.0		-23.0	0.0	-21.0	0.0	-19.4		-6.1	
06/28/10	8:45 AM	151.0	-6.3	-4.7	-4.5	-13.3	-20.6		-20.2	0.0	-19.5	0.0	-18.9		-5.8	
07/19/10	8:55 AM	138.0	-6.5	-4.2	-6.6	-19.9	-20.6		-19.4	0.0	-19.8	0.0	-19.0		-3.4	
07/26/10	9:55 AM	155.0	-5.6	-5.7	-6.7	-20.6	-20.4		-20.1	0.0	-19.7	0.0	-18.0		-5.4	
08/09/10	9:22 AM		-5.2	-6.6	-7.0	-20.7	-20.4		-20.0	0.0	-19.2	0.0	-17.7		-6.0	
08/16/10	9:00 AM		-4.5	-9.0	-5.0	-20.6	-20.5		-20.6	0.0	-19.7	0.0	-18.8		-5.6	
08/30/10	8:30 AM	127.0	-5.1	-20.0	-6.5	-19.8	-20.0		-20.0	0.0		0.0	-19.1		-4.4	
09/07/10	9:00 AM	132.0	-5.9	-19.5	-5.5	-20.2	-20.0		-20.1	0.0	-19.7	0.0	-19.2		-6.0	

TABLE 7

SVE FIELD DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

			Monitoring Point - Measurements = inches of water at wellhead vacuum (-); pressure (+)													
Date	*Time*	*PID (ppm)*	*MW-4 SVE-1*	*MW-5 SVE-2*	*MW-6 SVE-3*	*MW-7 SVE-4*	*MW-8 SVE-5*	*MW-9 SVE-6*	*MW-10 SVE-7*	*MW-11 SVE-8*	*MW-12 SVE-9*	*SVE-10*	*MW-14 SVE-11*	*MW-15 SVE-12*	*MW-18 SVE-13*	*Comments*
09/13/10	9:55 AM	120.0	-5.3	-19.7	-6.7	-20.1	-19.9		-20.1	0.0	-19.4	0.0	-19.1		-5.2	
09/20/10	9:10 AM	122.0	-5.7	-19.9	-7.1	-20.5	-20.0		-19.9	0.0	-19.8	0.0	-18.9		-6.9	
09/27/10	9:30 AM	124.0	-4.8	-20.0	-6.8	-20.2	-19.9		-20.0	0.0	-19.5	0.0	-19.0		-5.8	
10/04/10	8:40 AM	137.0	-6.0	-20.7	-9.2	-20.4	-20.8		-20.9	0.0	-20.1	0.0	-19.1		-7.1	
10/12/10	9:00 AM	136.0	-5.2	-20.4	-10.3	-20.8	-20.2		-21.0	0.0	-20.0	0.0	-19.4		-7.4	
10/19/10	9:30 AM	134.0	-4.9	-20.3	-13.3	-20.5	-20.1		-20.3	0.0	-20.3	0.0	-19.0		-5.6	
10/25/10	8:40 AM	141.0	-6.2	-19.6	-16.2	-20.0	-20.0		-19.9	0.0	-19.3	0.0	-18.4		-7.4	
11/01/10	8:55 AM	172.0	-6.7	-20.2	-17.4	-20.3	-20.3		-20.2	0.0	-20.1	0.0	-19.1		-6.4	
11/09/10	9:00 AM	140.0	-6.8	-19.7	-19.4	-20.1	-20.2		-20.1	0.0	-19.4	0.0	-18.7		-6.7	
11/22/10	10:29 AM	112.0	-5.0	-19.7	-16.8	-21.2	-21.0		-21.0	0.0	-20.2	0.0	-19.3		-5.5	
12/06/10	10:00 AM	97.0	-5.8	-14.8	-12.4	-22.7	-22.8		-22.0	0.0	-21.2	0.0	-19.3		-6.0	
12/13/10	11:00 AM	93.0	-6.2	-13.9	-17.0	-22.0	-22.9		-21.4	0.0	-20.9	0.0	-19.4		-5.4	
01/04/11	11:25 AM	50.6														AC/SVE Off, Restart
01/10/11	10:23 AM	77.7	-5.3	-11.4	-12.6	-22.2	-23.2		-21.8	0.0	-18.1	0.0	-15.3		-5.1	
01/17/11	10:00 AM	77.7	-5.6	-12.1	-17.3	-22.8	-22.6		-22.2	0.0	-15.6	0.0	-12.8		-3.3	
01/24/11	9:10 AM	80.2	-5.8	-11.7	-13.5	-22.5	-22.5		-21.5	0.0	-14.9	0.0	-14.1		-4.4	
01/31/11	8:30 AM	79.9	-7.8	-11.0	-15.3	-21.7	-22.6		-21.6	0.0	-3.8	0.0	-13.2		-5.5	
02/07/11	10:30 AM	73.0	-5.5	-12.7	-18.0	-23.0	-23.0		-20.9	0.0	-0.9	0.0	-13.5		-5.3	
02/14/11	11:00 AM		-7.7	-12.0	-17.0	-24.1	-23.9		-23.0	0.0	-0.2	0.0	-18.1		-4.4	
03/07/11	10:50 AM	91.1	-5.2	-8.2	-16.4	-23.8	-24.0		-20.2	0.0	-0.2	0.0	-14.9		-4.0	
03/21/11	10:15 AM		-8.0	-9.5	-9.8	-23.1	-23.1		-23.0	0.0	0.0	0.0	-19.3		-5.3	
03/07/11	10:50 AM	91.1	-5.2	-8.2	-16.4	-23.8	-24.0		-20.2	0.0	-0.2	0.0	-14.9		-4.0	
03/21/11	10:15 AM		-8.0	-9.5	-9.8	-23.1	-23.1		-23.0	0.0	0.0	0.0	-19.3		-5.3	
03/28/11	10:10 AM	67.7	-6.8	-9.2	-10.1	-23.0	-23.0		-23.1	0.0	0.0	0.0	-19.0		-4.7	
04/04/11	12:45 PM	77.9	-19.0	-8.8	-8.4	-23.5	-22.3		-22.5	0.0	0.0	0.0	-19.1		-6.0	
04/11/11	8:30 AM	64.0	-19.1	-7.9	-6.8	-23.6	-21.3		-20.9	0.0	0.0	0.0	-19.1		-4.9	
05/02/11	9:00 AM		-0.1	-6.4	-24.1	-21.8	-17.8		-23.1	0.0	0.0	0.0	-16.2		-2.7	
05/09/11	8:45 AM		-0.1	-4.5	-23.0	-23.3	-18.2		-22.4	0.0	0.0	0.0	-16.5		-2.0	
05/31/11	8:45 AM	62.0	0.0	-4.0	-22.5	-22.7	-19.0		-22.8	0.0	0.0	0.0	-21.2		-2.7	

TABLE 7

SVE FIELD DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

			Monitoring Point - Measurements = inches of water at wellhead vacuum (-); pressure (+)													
Date	*Time*	*PID (ppm)*	*MW-4 SVE-1*	*MW-5 SVE-2*	*MW-6 SVE-3*	*MW-7 SVE-4*	*MW-8 SVE-5*	*MW-9 SVE-6*	*MW-10 SVE-7*	*MW-11 SVE-8*	*MW-12 SVE-9*	*SVE-10*	*MW-14 SVE-11*	*MW-15 SVE-12*	*MW-18 SVE-13*	*Comments*
06/06/11	8:40 AM	62.5	0.0	-3.8	-23.1	-22.9	-17.0		-22.9	0.0	0.0	0.0	-21.4		-2.7	
06/20/11	10:00 AM		0.0	-2.4	-22.0	-22.2	-23.3		-21.5	0.0	0.0	0.0	-20.8		-2.2	
06/27/11	8:30 AM	55.5	0.0	-4.7	-22.6	-22.4	-22.7		-22.7	0.0	0.0	0.0	-20.4		-2.1	
07/05/11	10:15 AM	57.7	0.0	-3.8	-22.4	-22.3	-22.5		-22.7	0.0	0.0	0.0	-20.4		-1.0	
08/16/11	1:30 PM	35.0	0.0	-16.4	-21.4	-21.9	-22.0		-21.6	0.0	0.0		-19.9		-1.4	
08/23/11	12:00 PM	35.6	-0.1	-20.8	-21.1	-21.3	-21.9		-20.9	-0.1	0.0		-19.3		-2.1	
09/08/11	10:02 AM	87.9	0.0	-22.3	-22.5	-22.4	-22.4		-22.2	0.0	0.0		-20.7		-0.6	
09/22/11	10:23 AM	53.7	0.0	-23.0	-22.9	-22.8	-22.8		-22.6	0.0	0.0		-21.0		-0.8	
10/05/11	11:26 AM	53.1	-0.1	-22.5	-22.7	-22.4	-22.4		-22.7	-0.1	0.0		-20.7		-0.2	
10/27/11	2:00 PM	49.0	0.0	-23.8	-23.9	-24.1	-24.4		-23.9	0.0	0.0		-22.2		-0.9	
12/13/11	1:30 PM	47.0	0.0	-23.2	-23.5	-24.0	-24.0		-23.9	0.0	0.0		-22.1		-0.3	AC off, restart
01/19/12	1:25 PM	33.0	0.0	-13.2	-17.3	-24.7	-25.7		-24.7	0.0	-0.1		-19.3		-0.1	
02/07/12	12:00 PM	33.0	-0.3	-15.6	-15.3	-25.7	-28.1		-25.6	-0.1	-0.1		-20.2		-0.1	
03/15/12	1:00 PM	33.6	-0.1	-12.2	-11.3	-19.5	-19.1		-26.3	0.0	-0.1		-19.5		-0.1	
04/05/12	1:00 PM	15.3	-0.1	-10.5	-10.6	-15.9	-20.8		-19.0	0.0	0.0		-19.4		-0.1	
04/26/12	1:15 PM	15.5	0.0	-7.5	-8.0	-15.9	-19.0		-20.5	0.0	-0.1		-19.2		-0.1	
05/24/12	1:30 PM	25.9	-0.1	-4.0	-5.9	-13.8	-15.2		-23.7	0.0	0.0		-19.5		-0.1	
06/14/12	2:05 PM	19.2	0.0	-3.9	-5.0	-16.3	0.0		22.0	-12.3	-0.1		-19.0		0.0	
11/15/12	4:14 PM		-0.1	-2.8	-2.8	-25.8	-23.9		-24.0	-0.1	0.0		-21.6		0.0	
11/29/12	1:20 PM	33.7	0.0	-3.1	-0.3	-23.1	-24.2		-22.8	-0.1	0.0		-21.1		0.0	
12/07/12	3:56 PM	30.2	0.0	-3.6	0.0	-23.8	-22.9		-23.6	0.0	0.0		-21.4		0.0	
12/11/12	1:10 PM	31.2	0.0	-2.2	-3.2	-25.3	-22.9		-25.1	0.0	0.0		-22.4		0.0	
12/20/12	11:40 AM		0.0	-2.9	-3.0	-26.5	-27.1		-25.8	0.0	0.0		-22.8		0.0	

Notes:
SVE = Soil Vapor Extraction
MW = Monitoring Well
PID = Photo-Ionization Detector
AC = Air Compressor
ppm = parts per million
Blank fields Indicate No Data

TABLE 8

DISSOLVED OXYGEN FIELD DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

		Monitoring Point - DO Measurements = Milligrams per Liter							
		- Temperature Measurements = Degrees Celsius							
Date	*Time*	*MW-4 SVE-1*	*MW-5 SVE-2*	*MW-12 SVE-9*	*MW-14 SVE-11*	*MW-16*	*MW-18 SVE-13*	*MW-24*	*SVE-10*
01/19/09	11:30 AM	4.58	4.64	0.33	0.60	0.21	0.63	0.14	0.53
		18.8	*18.6*	*18.6*	*18.3*	*19.6*	*18.8*	*18.9*	*19.5*
01/26/09	9:31 AM	4.62	4.97	0.20	0.92	0.38	0.61	0.26	0.33
		18.4	*18.1*	*18.5*	*18.2*	*19.5*	*18.6*	*18.8*	*19.1*
02/26/09	8:25 AM	4.69	5.10	0.16	1.77	0.18	1.08	0.22	0.61
		18.0	*18.3*	*18.5*	*18.1*	*18.8*	*18.5*	*18.5*	*19.0*
03/09/09	9:52 AM	4.50	4.44	0.29	4.25	0.29	1.37	0.23	5.63
		18.3	*18.4*	*18.5*	*18.1*	*18.8*	*18.7*	*18.6*	*19.1*
03/24/09	10:28 AM	4.63	3.66	0.20	3.30	0.26	0.75	0.22	4.41
		17.8	*17.9*	*18.1*	*17.7*	*18.5*	*18.2*	*18.5*	*18.4*
04/06/09	9:45 AM	4.12	3.80	0.20	4.15	0.22	0.41	0.20	4.79
		16.9	*17.5*	*17.9*	*17.2*	*17.6*	*17.8*	*17.9*	*18.2*
04/20/09	10:00 AM	4.99	3.81	0.31	5.30	0.56	0.60	0.32	4.24
		17.8	*17.9*	*18.0*	*17.7*	*18.4*	*18.1*	*18.2*	*18.4*
05/11/09	10:18 AM	4.99	3.51	0.29	2.05	0.17	0.35	0.15	2.62
		17.6	*18.0*	*17.9*	*17.6*	*18.4*	*18.1*	*18.4*	*18.4*
06/01/09	10:40 AM	4.85	3.04	0.23	2.06	0.24	0.25	0.19	3.24
		18.6	*18.7*	*18.6*	*18.4*	*19.2*	*18.8*	*19.0*	*19.1*
06/15/09	9:15 AM	4.73	2.72	0.20	2.33	0.17	0.22	0.19	2.44
		19.2	*18.9*	*18.6*	*18.8*	*19.5*	*18.9*	*19.2*	*19.1*
07/14/09	9:55 AM	4.38	0.31	0.19	3.94	0.17	0.23	0.18	0.22
		19.0	*18.8*	*18.8*	*19.0*	*19.4*	*19.1*	*19.2*	*19.3*
07/27/09	10:51 AM	4.10	0.38	0.21	2.67	0.15	0.26	0.20	0.28
		19.4	*18.9*	*19.0*	*19.3*	*19.5*	*19.2*	*19.2*	*19.7*
08/12/09	9:20 AM	4.07	0.49	0.24	1.27	0.36	0.21	0.23	0.32
		18.8	*18.5*	*18.6*	*18.7*	*19.5*	*18.9*	*18.9*	*19.3*
08/31/09	9:24 AM	4.43	1.00	0.32	2.63	0.49	0.36	0.30	0.53
		18.8	*18.6*	*18.7*	*18.9*	*19.3*	*18.9*	*18.9*	*19.5*
09/16/09	9:11 AM	4.11	0.55	0.29	1.21	0.54	0.29	0.27	0.55
		18.6	*18.5*	*18.7*	*18.8*	*19.4*	*18.9*	*18.8*	*19.5*
10/05/09	9:50 AM	4.52	0.35	0.32	2.70	0.61	0.32	0.29	0.84
		19.2	*18.9*	*19.1*	*19.3*	*19.7*	*19.2*	*19.0*	*20.0*
10/26/09	1:05 PM	5.08	1.36	0.36	5.95	0.65	0.82	0.32	1.53
		18.1	*18.2*	*18.3*	*16.9*	*18.8*	*18.7*	*18.3*	*19.7*
11/10/09	10:30 AM	5.31	1.50	0.40	2.40	0.70	0.66	0.40	0.97
		18.4	*18.5*	*18.8*	*18.7*	*19.1*	*18.9*	*18.5*	*19.8*
11/30/09	9:40 AM	5.29	0.51	0.35	1.41	0.58	0.87	0.24	0.86
		17.4	*17.8*	*18.1*	*18.3*	*18.6*	*18.0*	*17.7*	*18.7*
12/22/09	9:24 AM	4.71	3.98	0.26	1.18	0.59	1.40	0.30	0.75
		18.4	*18.2*	*18.2*	*18.5*	*18.7*	*18.1*	*18.1*	*19.0*
01/11/10	9:50 AM	4.82	3.52	0.24	1.04	0.54	1.34	0.14	0.30
		18.0	*18.1*	*18.0*	*18.1*	*18.4*	*18.1*	*18.3*	*18.9*
01/25/10	10:07 AM	5.36	4.01	0.42	1.30	0.67	0.65	0.29	0.49
		18.0	*18.0*	*18.2*	*18.2*	*18.3*	*18.4*	*18.4*	*18.6*

TABLE 8

DISSOLVED OXYGEN FIELD DATA
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

		Monitoring Point - DO Measurements = Milligrams per Liter							
		- Temperature Measurements = Degrees Celsius							
Date	*Time*	*MW-4 SVE-1*	*MW-5 SVE-2*	*MW-12 SVE-9*	*MW-14 SVE-11*	*MW-16*	*MW-18 SVE-13*	*MW-24*	*SVE-10*
02/22/10	9:39 AM	4.06	3.77	0.20	0.73	0.44	0.21	0.15	0.38
		18.0	*17.8*	*17.7*	*17.8*	*18.4*	*17.9*	*18.1*	*18.6*
03/08/10	9:30 AM	3.80	3.82	0.17	1.33	0.46	0.16	0.12	1.94
		18.3	*18.5*	*18.5*	*18.3*	*18.7*	*18.7*	*18.7*	*18.9*
03/22/10	10:25 AM	4.20	3.93	0.39	1.73	0.67	0.31	0.21	4.26
		17.9	*18.2*	*17.8*	*17.8*	*18.4*	*18.0*	*18.4*	*18.4*
04/05/10	9:27 AM	3.96	3.75	0.29	1.40	0.40	0.25	0.27	4.39
		18.7	*18.7*	*18.6*	*18.4*	*19.1*	*18.9*	*19.0*	*19.2*
04/19/10	10:28 AM	3.91	4.04	0.22	1.73	0.47	0.21	0.18	4.77
		18.2	*18.1*	*18.1*	*17.8*	*18.2*	*18.4*	*18.5*	*18.5*
05/03/10	9:40 AM	5.71	4.59	0.50	0.76	0.69	0.22	0.19	4.18
		18.1	*18.2*	*18.1*	*18.0*	*18.6*	*18.4*	*18.6*	*18.5*
05/20/10	10:50 AM	3.60	3.89	0.34	1.81	0.44	0.33	0.20	4.73
		19.1	*19.0*	*18.8*	*19.0*	*19.5*	*19.0*	*19.3*	*19.0*
06/01/10	8:52 AM	4.06	3.42	0.33	2.00	0.54	0.25	0.20	4.77
		18.9	*18.7*	*18.6*	*18.4*	*19.2*	*18.9*	*19.0*	*19.2*
06/15/10	9:05 AM	5.60	4.96	0.85	1.35	0.42	0.25	0.17	4.74
		18.7	*18.8*	*18.7*	*18.6*	*19.1*	*18.8*	*19.0*	*19.1*
07/19/10	9:22 AM	3.34	2.64	0.26	2.06	0.23	0.19	0.11	4.04
		18.9	*18.9*	*18.8*	*18.7*	*19.1*	*18.9*	*19.1*	*19.2*
08/09/10	9:48 AM	3.41	0.87	0.21	2.05	0.22	0.18	0.13	2.22
		19.1	*19.0*	*19.0*	*18.9*	*19.4*	*19.2*	*19.3*	*19.6*
08/30/10	9:16 AM	3.66	0.17	0.17	1.06	0.12	0.20	0.11	1.93
		19.0	*18.6*	*18.8*	*18.7*	*19.2*	*18.8*	*18.9*	*19.3*
09/13/10	10:15 AM	3.74	0.20	0.17	0.70	0.16	0.14	0.09	1.36
		19.2	*18.8*	*19.1*	*19.0*	*19.4*	*19.1*	*19.0*	*19.5*
09/27/10	9:54 AM	3.55	0.20	0.14	0.86	0.33	0.15	0.08	0.92
		18.4	*18.3*	*18.6*	*18.6*	*19.0*	*18.7*	*18.6*	*19.2*
10/12/10	9:32 AM	3.62	0.21	0.13	1.30	0.35	0.13	0.10	0.58
		18.4	*18.3*	*18.7*	*18.7*	*19.0*	*18.7*	*18.5*	*19.4*
10/24/10	9:20 AM	3.61	0.31	0.16	0.85	3.00	0.19	0.10	0.84
		18.6	*18.5*	*18.8*	*18.8*	*19.1*	*18.8*	*18.7*	*19.4*
11/09/10	9:27 AM	3.94	0.18	0.17	1.20	0.42	0.17	0.09	1.14
		18.4	*18.4*	*18.7*	*18.7*	*19.0*	*18.6*	*18.5*	*19.3*
12/06/10	10:22 AM	4.05	0.30	0.27	1.30	0.47	0.26	0.11	0.60
		17.6	*17.6*	*18.2*	*18.0*	*17.9*	*17.8*	*17.6*	*18.7*
01/24/11	10:04 AM	4.10	3.63	0.32	0.28	0.16	0.24	0.13	0.75
		17.9	*18.2*	*18.3*	*18.0*	*18.0*	*18.4*	*18.1*	*18.9*
02/14/11	11:22 AM	4.56	3.70	0.20	0.50	0.08	0.17	0.05	1.30
		18.6	*18.4*	*18.6*	*18.5*	*18.8*	*18.7*	*18.8*	*19.4*

Notes:
SVE = Soil Vapor Extraction
MW = Monitoring Well
DO = Dissolved Oxygen

TABLE 9

PRODUCT RECOVERY DATA SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Date	*Time*	*Water Level (ft BTOT)*	*Tank Height (feet)*	*Water Thickness (feet)*	*LNAPL Level (ft BTOT)*	*LNAPL Thickness (feet)*	*LNAPL Volume (gallons)*	*Water Volume (gallons)*	*LNAPL Volume (barrels)*	*Water Volume (barrels)*
Jan-June'02	- approximately 100 barrels removed from site reported by ConocoPhillips						4,200		100	
20-Aug-02	1:15 PM	4.06	10.2	6.14	0.81	3.25	1,909	3,607	45	86
20-Aug-02	1:25 PM	0.00	10.2		0.00	0.00	0	0		
22-Nov-02	1:15 PM	3.50	10.2	6.7	0.00	3.50	2,056	3,936	49	94
22-Nov-02	1:25 PM	0.00	10.2		0.00	0.00	0	0		
17-Dec-02	11:15 AM	2.87	10.2	7.33	2.25	0.62	364	4,306	9	103
17-Dec-02	1:15 PM	0.00	10.2		0.00	0.00	0	0		
13-Mar-03	1:15 PM	4.47	10.2	5.73	3.50	0.97	570	3,366	14	80
13-Mar-03	3:15 PM	0.00	10.2		0.00	0.00	0	0		
9-Jul-03	- approximately 15 barrels removed from site reported by ConocoPhillips						630			
9-Sep-03	- approximately 15 barrels removed from site reported by Higgins & Assoc.						630			
24-Sep-03	MAXIM Technologies assumes site operations									
19-Jan-04	16:45	4.33	10.2	5.87	3.89	0.44	258	3,448	6	82
4-Feb-04	19:00	0.77	10.2	9.43	0.05	0.72	423	5,540	10	132
16-Feb-04	12:00	- Key Energy Services transports approximately 120 bbl water and 10 bbl oil to Sundance								
16-Feb-04	13:30	0.00	10.2	0.00	0.00	0.00	0	0	0	0
25-Mar-04	14:30	5.63	10.2	4.57	5.03	0.60	352	2,685	8	64
19-Apr-04	14:45	4.93	10.2	5.27	4.30	0.63	370	3,096	9	74
19-Apr-04	15:00	- Key Energy Services transports approximately 75 bbl water and 10 bbl oil to Sundance								
19-Apr-04	15:30	0.00	10.2	10.2	0.00	0.00	0	0	0	0
10-May-04	15:30	6.57	10.2	3.63	6.18	0.39	229	2,133	5	51
26-May-04	14:00	6.10	10.2	4.10	5.66	0.44	258	2,409	6	57
9-Jun-04	12:15	6.06	10.41	4.35	5.66	0.40	235	2,556	6	61
9-Jun-04	12:30	- Key Energy Services transports approximately 60 bbl water and 3 bbl oil to Sundance								
9-Jun-04	13:00	10.06	10.41	0.35	9.89	0.17	100	206	2	5
30-Jun-04	16:30	10.05	10.41	0.36	9.89	0.16	94	211	2	5
20-Jul-04	16:00	8.78	10.41	1.63	8.56	0.22	129	958	3	23
11-Aug-04	13:30	7.56	10.41	2.85	7.22	0.34	200	1,674	5	40
17-Aug-04	12:45	7.28	10.41	3.13	6.89	0.39	229	1,839	5	44
24-Aug-04	12:30	5.22	10.41	5.19	4.79	0.43	253	3,049	6	73
31-Aug-04	11:00	3.55	10.41	6.86	3.07	0.48	282	4,030	7	96
8-Sep-04	11:00	2.42	10.41	7.99	1.67	0.75	441	4,694	10	112
8-Sep-04	11:30	- Key Energy Services transports approximately 112 bbl water and 10 bbl oil to Sundance								
20-Sep-04	14:00	8.08	10.41	2.33	7.71	0.37	217	1,369	5	33
25-Oct-04	16:30	7.76	10.41	2.65	7.41	0.35	206	1,557	5	37
10-Jan-05	13:00	5.72	10.41	4.69	5.36	0.36	211	2,755	5	66
24-Aug-05	13:15	4.76	10.41	5.65	4.45	0.31	182	3,319	4	79
15-Sep-05	10:40	4.76	10.41	5.65	4.46	0.30	176	3,319	4	79
22-Nov-05	9:30	4.81	10.41	5.60	4.50	0.31	182	3,290	4	78
29-Nov-05	11:10	1.00	10.41	9.41	0.77	0.23	135	5,528	3	132
6-Dec-05	9:40	- Key Energy Services transports approximately 130 bbl water and 2 bbl oil to Sundance								

TABLE 9

PRODUCT RECOVERY DATA SUMMARY
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO

Date	*Time*	*Water Level (ft BTOT)*	*Tank Height (feet)*	*Water Thickness (feet)*	*LNAPL Level (ft BTOT)*	*LNAPL Thickness (feet)*	*LNAPL Volume (gallons)*	*Water Volume (gallons)*	*LNAPL Volume (barrels)*	*Water Volume (barrels)*
6-Dec-05	11:25	10.33	10.41	0.08	10.29	0.04	23	47	1	1
12-Dec-05	11:00	10.32	10.41	0.09	10.28	0.04	23	53	1	1
23-Jan-06	9:45	10.38	10.41	0.03	10.33	0.05	29	18	1	0
22-Mar-06	10:50	10.39	10.41	0.02	10.33	0.06	35	12	1	0
4-Apr-06	11:15	10.38	10.41	0.03	10.33	0.05	29	18	0.7	0.4
11-Apr-06	10:45	10.38	10.41	0.03	10.34	0.04	23	18	0.6	0.4
17-Apr-06	10:45	10.39	10.41	0.02	10.35	0.04	23	12	0.6	0.3
3-May-06	11:00	10.39	10.41	0.02	10.33	0.06	35	12	0.8	0.3
19-May-06	10:30	10.39	10.41	0.02	10.34	0.05	29	12	0.7	0.3
31-May-06	10:30	10.39	10.41	0.02	10.35	0.04	23	12	0.6	0.3
9-Jun-06	11:35	10.39	10.41	0.02	10.35	0.04	23	12	0.6	0.3
12-Jun-06	9:16	10.41	10.41	0.00	10.36	0.05	29	0	0.7	0.0
26-Jun-06	8:50	10.41	10.41	0.00	10.36	0.05	29	0	0.7	0.0
5-Jul-06	10:35	10.40	10.41	0.01	10.35	0.05	29	6	0.7	0.1
10-Jul-06	9:05	10.42	10.41	-0.01	10.36	0.06	35	-6	0.8	-0.1
17-Jul-06	11:10	10.40	10.41	0.01	10.36	0.04	23	6	0.6	0.1
2-Aug-06	10:40	10.43	10.41	-0.02	10.39	0.04	23	-12	0.6	-0.3
14-Aug-06	9:55	10.41	10.41	0.00	10.38	0.03	18	0	0.4	0.0
21-Sep-06	10:00	10.36	10.41	0.05	10.32	0.04	23	29	0.6	0.7
25-Sep-06	9:15	10.36	10.41	0.05	10.32	0.04	23	29	0.6	1
2-Oct-06		8.73	10.41	1.68	8.70	0.03	18	987	0.4	23
10-Oct-06	12:20	7.31	10.41	3.10	7.28	0.03	18	1,821	0.4	43
23-Oct-06	10:00	7.11	10.41	3.30	7.07	0.04	23	1,939	0.6	46
30-Oct-06	10:15	7.22	10.41	3.19	7.19	0.03	18	1,874	0.4	45
6-Nov-06	10:45	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
21-Oct-06	8:30	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
28-Nov-06	9:40	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
5-Dec-06	10:20	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
11-Dec-06	9:30	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
18-Dec-06	10:20	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
2-Jan-07	10:55	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
8-Jan-07	10:42	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
16-Jan-07	10:45	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
25-Jan-07	11:30	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
5-Feb-07	10:45	6.66	10.41	3.75	6.63	0.03	18	2,203	0.4	52
12-Mar-07	9:00	- Key Energy Services transports approximately 50 bbl water and 0.5 bbl oil to Sundance								
12-Mar-07	10:00	9.88	10.41	0.53	9.87	0.01	6	311	0.1	7

	Crude Oil	Water	Recovery Rate (BPD)	
			Oil	Water
Total Volume Recovered (gallons) =	11,887	38,938		
Total Volume Recovered (barrels) =	283	927	0.001	0.12

Notes:
ft BTOT = feet below top of tank
bbl = barrels
BPD = barrels per day

APPENDIX A

GROUNDWATER LABORATORY ANALYTICAL REPORTS

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

June 14, 2012

Ken Horton
CRA
2135 South Loop, 250 West
Midland, TX 79703

RE: Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Dear Ken Horton:
Enclosed are the analytical results for sample(s) received by the laboratory on June 02, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,

Alice Flanagan

Alice Flanagan

alice.flanagan@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Kansas Certification IDs
9608 Loiret Boulevard, Lenexa, KS 66219
A2LA Certification #: 2456.01
Arkansas Certification #: 05-008-0
Illinois Certification #: 001191
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212008A
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407-08-TX
Utah Certification #: 9135995665

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SAMPLE SUMMARY

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60122497001	MW3053112	Water	05/31/12 18:20	06/02/12 09:00
60122497002	MW4053112	Water	05/31/12 15:00	06/02/12 09:00
60122497003	MW5053112	Water	05/31/12 15:10	06/02/12 09:00
60122497004	MW6053112	Water	05/31/12 13:10	06/02/12 09:00
60122497005	MW7053112	Water	05/31/12 14:45	06/02/12 09:00
60122497006	MW8053112	Water	05/31/12 16:10	06/02/12 09:00
60122497007	MW10053112	Water	05/31/12 14:35	06/02/12 09:00
60122497008	MW12053112	Water	05/31/12 14:20	06/02/12 09:00
60122497009	MW13053112	Water	05/31/12 13:50	06/02/12 09:00
60122497010	MW14053112	Water	05/31/12 13:25	06/02/12 09:00
60122497011	MW15053112	Water	05/31/12 12:50	06/02/12 09:00
60122497012	MW16053112	Water	05/31/12 12:10	06/02/12 09:00
60122497013	MW18053112	Water	05/31/12 14:05	06/02/12 09:00
60122497014	MW19053112	Water	05/31/12 13:40	06/02/12 09:00
60122497015	MW20053112	Water	05/31/12 11:40	06/02/12 09:00
60122497016	MW21053112	Water	05/31/12 11:50	06/02/12 09:00
60122497017	MW23053112	Water	05/31/12 15:50	06/02/12 09:00
60122497018	MW24053112	Water	05/31/12 12:35	06/02/12 09:00
60122497019	MW25053112	Water	05/31/12 12:20	06/02/12 09:00
60122497020	MW26053112	Water	05/31/12 15:25	06/02/12 09:00
60122497021	MW27053112	Water	05/31/12 15:40	06/02/12 09:00
60122497022	TRIP BLANK	Water	05/31/12 00:00	06/02/12 09:00

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SAMPLE ANALYTE COUNT

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60122497001	MW3053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497002	MW4053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497003	MW5053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497004	MW6053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497005	MW7053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497006	MW8053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497007	MW10053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497008	MW12053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497009	MW13053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497010	MW14053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497011	MW15053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497012	MW16053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497013	MW18053112	EPA 8015B	SDR	3

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SAMPLE ANALYTE COUNT

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497014	MW19053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497015	MW20053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497016	MW21053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497017	MW23053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497018	MW24053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497019	MW25053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497020	MW26053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497021	MW27053112	EPA 8015B	SDR	3
		EPA 8260	PRG	9
		EPA 300.0	OL	1
60122497022	TRIP BLANK	EPA 8260	PRG	9

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PROJECT NARRATIVE

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Method: **EPA 8015B**
Description: 8015B Diesel Range Organics
Client: COP_CRA Midland, TX
Date: June 14, 2012

General Information:
21 samples were analyzed for EPA 8015B. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/33430

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- MW10053112 (Lab ID: 60122497007)
  - n-Tetracosane (S)
  - p-Terphenyl (S)
- MW3053112 (Lab ID: 60122497001)
  - n-Tetracosane (S)
  - p-Terphenyl (S)
- MW7053112 (Lab ID: 60122497005)
  - n-Tetracosane (S)
  - p-Terphenyl (S)
- MW8053112 (Lab ID: 60122497006)
  - n-Tetracosane (S)
  - p-Terphenyl (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: GCSV/12592

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

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PROJECT NARRATIVE

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Method: **EPA 8015B**
Description: 8015B Diesel Range Organics
Client: COP_CRA Midland, TX
Date: June 14, 2012

QC Batch: GCSV/12593

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/33430

D4: Sample was diluted due to the presence of high levels of target analytes.

- MW10053112 (Lab ID: 60122497007)
  - p-Terphenyl (S)
- MW3053112 (Lab ID: 60122497001)
  - p-Terphenyl (S)
- MW7053112 (Lab ID: 60122497005)
  - p-Terphenyl (S)
- MW8053112 (Lab ID: 60122497006)
  - p-Terphenyl (S)

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PROJECT NARRATIVE

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Method: **EPA 8260**
Description: 8260 MSV UST, Water
Client: COP_CRA Midland, TX
Date: June 14, 2012

General Information:
22 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.
- MW26053112 (Lab ID: 60122497020)

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/46113

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- LCS (Lab ID: 1010033)
  - Benzene

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/46113

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/46114

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: MSV/46219

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Method: **EPA 8260**
Description: 8260 MSV UST, Water
Client: COP_CRA Midland, TX
Date: June 14, 2012

Additional Comments:

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PROJECT NARRATIVE

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Method: **EPA 300.0**
Description: 300.0 IC Anions 28 Days
Client: COP_CRA Midland, TX
Date: June 14, 2012

General Information:
21 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW3053112 **Lab ID: 60122497001** Collected: 05/31/12 18:20 Received: 06/02/12 09:00 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	**18.1**	mg/L	2.5	5	06/05/12 00:00	06/14/12 09:01		
Surrogates								
p-Terphenyl (S)	0	%	40-118	5	06/05/12 00:00	06/14/12 09:01	92-94-4	D4,S4
n-Tetracosane (S)	0	%	36-120	5	06/05/12 00:00	06/14/12 09:01	646-31-1	S4
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**2540**	ug/L	25.0	25		06/12/12 03:46	71-43-2	
Ethylbenzene	**158**	ug/L	25.0	25		06/07/12 23:15	100-41-4	
Toluene	ND	ug/L	25.0	25		06/07/12 23:15	108-88-3	
Xylene (Total)	**307**	ug/L	75.0	25		06/07/12 23:15	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%	86-112	25		06/07/12 23:15	1868-53-7	
Toluene-d8 (S)	98	%	90-110	25		06/07/12 23:15	2037-26-5	
4-Bromofluorobenzene (S)	102	%	87-113	25		06/07/12 23:15	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	82-119	25		06/07/12 23:15	17060-07-0	
Preservation pH	**1.0**		1.0	25		06/07/12 23:15		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**39.7**	mg/L	5.0	5		06/12/12 09:12	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW4053112 **Lab ID: 60122497002** Collected: 05/31/12 15:00 Received: 06/02/12 09:00 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	06/05/12 00:00	06/13/12 20:07		
Surrogates								
p-Terphenyl (S)	64	%	40-118	1	06/05/12 00:00	06/13/12 20:07	92-94-4	
n-Tetracosane (S)	77	%	36-120	1	06/05/12 00:00	06/13/12 20:07	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/07/12 23:30	71-43-2	L3
Ethylbenzene	ND	ug/L	1.0	1		06/07/12 23:30	100-41-4	
Toluene	ND	ug/L	1.0	1		06/07/12 23:30	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/07/12 23:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	86-112	1		06/07/12 23:30	1868-53-7	
Toluene-d8 (S)	94	%	90-110	1		06/07/12 23:30	2037-26-5	
4-Bromofluorobenzene (S)	98	%	87-113	1		06/07/12 23:30	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	82-119	1		06/07/12 23:30	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/07/12 23:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**145**	mg/L	10.0	10		06/12/12 09:59	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW5053112 **Lab ID: 60122497003** Collected: 05/31/12 15:10 Received: 06/02/12 09:00 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	06/05/12 00:00	06/13/12 20:28		
Surrogates								
p-Terphenyl (S)	58	%	40-118	1	06/05/12 00:00	06/13/12 20:28	92-94-4	
n-Tetracosane (S)	74	%	36-120	1	06/05/12 00:00	06/13/12 20:28	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/07/12 23:44	71-43-2	L3
Ethylbenzene	ND	ug/L	1.0	1		06/07/12 23:44	100-41-4	
Toluene	ND	ug/L	1.0	1		06/07/12 23:44	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/07/12 23:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	86-112	1		06/07/12 23:44	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/07/12 23:44	2037-26-5	
4-Bromofluorobenzene (S)	104	%	87-113	1		06/07/12 23:44	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	82-119	1		06/07/12 23:44	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/07/12 23:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**74.3**	mg/L	10.0	10		06/12/12 10:45	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW6053112 **Lab ID: 60122497004** Collected: 05/31/12 13:10 Received: 06/02/12 09:00 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	**1.5**	mg/L	0.50	1	06/05/12 00:00	06/13/12 20:49		
Surrogates								
p-Terphenyl (S)	64	%	40-118	1	06/05/12 00:00	06/13/12 20:49	92-94-4	
n-Tetracosane (S)	76	%	36-120	1	06/05/12 00:00	06/13/12 20:49	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/07/12 23:58	71-43-2	L3
Ethylbenzene	ND	ug/L	1.0	1		06/07/12 23:58	100-41-4	
Toluene	ND	ug/L	1.0	1		06/07/12 23:58	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/07/12 23:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%	86-112	1		06/07/12 23:58	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/07/12 23:58	2037-26-5	
4-Bromofluorobenzene (S)	105	%	87-113	1		06/07/12 23:58	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	82-119	1		06/07/12 23:58	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/07/12 23:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**63.6**	mg/L	10.0	10		06/12/12 11:00	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW7053112 **Lab ID: 60122497005** Collected: 05/31/12 14:45 Received: 06/02/12 09:00 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	**37.8**	mg/L	5.0	10	06/05/12 00:00	06/14/12 09:22		
Surrogates								
p-Terphenyl (S)	0	%	40-118	10	06/05/12 00:00	06/14/12 09:22	92-94-4	D4,S4
n-Tetracosane (S)	0	%	36-120	10	06/05/12 00:00	06/14/12 09:22	646-31-1	S4
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**9750**	ug/L	100	100		06/12/12 04:01	71-43-2	
Ethylbenzene	**635**	ug/L	100	100		06/12/12 04:01	100-41-4	
Toluene	ND	ug/L	100	100		06/12/12 04:01	108-88-3	
Xylene (Total)	**1640**	ug/L	300	100		06/12/12 04:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	86-112	100		06/12/12 04:01	1868-53-7	
Toluene-d8 (S)	97	%	90-110	100		06/12/12 04:01	2037-26-5	
4-Bromofluorobenzene (S)	103	%	87-113	100		06/12/12 04:01	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	82-119	100		06/12/12 04:01	17060-07-0	
Preservation pH	**1.0**		1.0	100		06/12/12 04:01		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**90.8**	mg/L	10.0	10		06/12/12 11:16	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW8053112 **Lab ID: 60122497006** Collected: 05/31/12 16:10 Received: 06/02/12 09:00 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	**165**	mg/L	25.0	50	06/05/12 00:00	06/14/12 09:43		
Surrogates								
p-Terphenyl (S)	0	%	40-118	50	06/05/12 00:00	06/14/12 09:43	92-94-4	D4,S4
n-Tetracosane (S)	0	%	36-120	50	06/05/12 00:00	06/14/12 09:43	646-31-1	S4
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**4610**	ug/L	100	100		06/12/12 04:15	71-43-2	
Ethylbenzene	**152**	ug/L	100	100		06/12/12 04:15	100-41-4	
Toluene	ND	ug/L	100	100		06/12/12 04:15	108-88-3	
Xylene (Total)	ND	ug/L	300	100		06/12/12 04:15	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	86-112	100		06/12/12 04:15	1868-53-7	
Toluene-d8 (S)	98	%	90-110	100		06/12/12 04:15	2037-26-5	
4-Bromofluorobenzene (S)	98	%	87-113	100		06/12/12 04:15	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	82-119	100		06/12/12 04:15	17060-07-0	
Preservation pH	**1.0**		1.0	100		06/12/12 04:15		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**129**	mg/L	20.0	20		06/12/12 11:31	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW10053112 **Lab ID: 60122497007** Collected: 05/31/12 14:35 Received: 06/02/12 09:00 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	**19.9**	mg/L	2.5	5	06/05/12 00:00	06/14/12 10:04		
Surrogates								
p-Terphenyl (S)	0	%	40-118	5	06/05/12 00:00	06/14/12 10:04	92-94-4	D4,S4
n-Tetracosane (S)	0	%	36-120	5	06/05/12 00:00	06/14/12 10:04	646-31-1	S4
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**7430**	ug/L	100	100		06/12/12 04:29	71-43-2	
Ethylbenzene	ND	ug/L	100	100		06/12/12 04:29	100-41-4	
Toluene	ND	ug/L	100	100		06/12/12 04:29	108-88-3	
Xylene (Total)	ND	ug/L	300	100		06/12/12 04:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%	86-112	100		06/12/12 04:29	1868-53-7	
Toluene-d8 (S)	99	%	90-110	100		06/12/12 04:29	2037-26-5	
4-Bromofluorobenzene (S)	100	%	87-113	100		06/12/12 04:29	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	82-119	100		06/12/12 04:29	17060-07-0	
Preservation pH	**1.0**		1.0	100		06/12/12 04:29		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**141**	mg/L	20.0	20		06/12/12 11:46	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW12053112 **Lab ID: 60122497008** Collected: 05/31/12 14:20 Received: 06/02/12 09:00 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	**0.56**	mg/L	0.50	1	06/05/12 00:00	06/13/12 22:55		
Surrogates								
p-Terphenyl (S)	68	%	40-118	1	06/05/12 00:00	06/13/12 22:55	92-94-4	
n-Tetracosane (S)	80	%	36-120	1	06/05/12 00:00	06/13/12 22:55	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**9480**	ug/L	100	100		06/12/12 04:44	71-43-2	
Ethylbenzene	**149**	ug/L	100	100		06/08/12 00:56	100-41-4	
Toluene	ND	ug/L	100	100		06/08/12 00:56	108-88-3	
Xylene (Total)	**365**	ug/L	300	100		06/08/12 00:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	107	%	86-112	100		06/08/12 00:56	1868-53-7	
Toluene-d8 (S)	97	%	90-110	100		06/08/12 00:56	2037-26-5	
4-Bromofluorobenzene (S)	102	%	87-113	100		06/08/12 00:56	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	82-119	100		06/08/12 00:56	17060-07-0	
Preservation pH	**1.0**		1.0	100		06/08/12 00:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**174**	mg/L	20.0	20		06/12/12 12:02	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW13053112 **Lab ID: 60122497009** Collected: 05/31/12 13:50 Received: 06/02/12 09:00 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	06/05/12 00:00	06/13/12 23:16		
Surrogates								
p-Terphenyl (S)	68	%	40-118	1	06/05/12 00:00	06/13/12 23:16	92-94-4	
n-Tetracosane (S)	78	%	36-120	1	06/05/12 00:00	06/13/12 23:16	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/12/12 04:58	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 01:10	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 01:10	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 01:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%	86-112	1		06/08/12 01:10	1868-53-7	
Toluene-d8 (S)	98	%	90-110	1		06/08/12 01:10	2037-26-5	
4-Bromofluorobenzene (S)	103	%	87-113	1		06/08/12 01:10	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	82-119	1		06/08/12 01:10	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 01:10		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**76.8**	mg/L	10.0	10		06/12/12 12:17	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW14053112 **Lab ID: 60122497010** Collected: 05/31/12 13:25 Received: 06/02/12 09:00 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	06/05/12 00:00	06/13/12 23:37		
Surrogates								
p-Terphenyl (S)	67	%	40-118	1	06/05/12 00:00	06/13/12 23:37	92-94-4	
n-Tetracosane (S)	76	%	36-120	1	06/05/12 00:00	06/13/12 23:37	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/12/12 05:12	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 01:25	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 01:25	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 01:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%	86-112	1		06/08/12 01:25	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/08/12 01:25	2037-26-5	
4-Bromofluorobenzene (S)	101	%	87-113	1		06/08/12 01:25	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	82-119	1		06/08/12 01:25	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 01:25		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**191**	mg/L	10.0	10		06/12/12 12:33	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW15053112 **Lab ID: 60122497011** Collected: 05/31/12 12:50 Received: 06/02/12 09:00 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	06/05/12 00:00	06/13/12 23:58		
Surrogates								
p-Terphenyl (S)	55	%	40-118	1	06/05/12 00:00	06/13/12 23:58	92-94-4	
n-Tetracosane (S)	68	%	36-120	1	06/05/12 00:00	06/13/12 23:58	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/08/12 01:39	71-43-2	L1
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 01:39	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 01:39	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 01:39	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%	86-112	1		06/08/12 01:39	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/08/12 01:39	2037-26-5	
4-Bromofluorobenzene (S)	102	%	87-113	1		06/08/12 01:39	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	82-119	1		06/08/12 01:39	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 01:39		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**173**	mg/L	20.0	20		06/12/12 13:03	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW16053112 **Lab ID: 60122497012** Collected: 05/31/12 12:10 Received: 06/02/12 09:00 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	06/05/12 00:00	06/14/12 00:19		
Surrogates								
p-Terphenyl (S)	69	%	40-118	1	06/05/12 00:00	06/14/12 00:19	92-94-4	
n-Tetracosane (S)	83	%	36-120	1	06/05/12 00:00	06/14/12 00:19	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/08/12 01:53	71-43-2	L1
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 01:53	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 01:53	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 01:53	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%	86-112	1		06/08/12 01:53	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/08/12 01:53	2037-26-5	
4-Bromofluorobenzene (S)	103	%	87-113	1		06/08/12 01:53	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	82-119	1		06/08/12 01:53	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 01:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**125**	mg/L	20.0	20		06/12/12 13:50	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW18053112 **Lab ID: 60122497013** Collected: 05/31/12 14:05 Received: 06/02/12 09:00 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	**0.54**	mg/L	0.50	1	06/05/12 00:00	06/14/12 00:39		
Surrogates								
p-Terphenyl (S)	66	%	40-118	1	06/05/12 00:00	06/14/12 00:39	92-94-4	
n-Tetracosane (S)	77	%	36-120	1	06/05/12 00:00	06/14/12 00:39	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**5320**	ug/L	50.0	50		06/12/12 05:27	71-43-2	
Ethylbenzene	ND	ug/L	50.0	50		06/08/12 02:08	100-41-4	
Toluene	ND	ug/L	50.0	50		06/08/12 02:08	108-88-3	
Xylene (Total)	ND	ug/L	150	50		06/08/12 02:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	86-112	50		06/08/12 02:08	1868-53-7	
Toluene-d8 (S)	97	%	90-110	50		06/08/12 02:08	2037-26-5	
4-Bromofluorobenzene (S)	101	%	87-113	50		06/08/12 02:08	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	82-119	50		06/08/12 02:08	17060-07-0	
Preservation pH	**1.0**		1.0	50		06/08/12 02:08		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**188**	mg/L	20.0	20		06/12/12 14:05	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW19053112 **Lab ID: 60122497014** Collected: 05/31/12 13:40 Received: 06/02/12 09:00 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	06/05/12 00:00	06/14/12 01:00		
Surrogates								
p-Terphenyl (S)	58	%	40-118	1	06/05/12 00:00	06/14/12 01:00	92-94-4	
n-Tetracosane (S)	71	%	36-120	1	06/05/12 00:00	06/14/12 01:00	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/08/12 02:22	71-43-2	L3
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 02:22	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 02:22	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 02:22	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	86-112	1		06/08/12 02:22	1868-53-7	
Toluene-d8 (S)	96	%	90-110	1		06/08/12 02:22	2037-26-5	
4-Bromofluorobenzene (S)	104	%	87-113	1		06/08/12 02:22	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	82-119	1		06/08/12 02:22	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 02:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**177**	mg/L	10.0	10		06/12/12 14:20	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW20053112 **Lab ID: 60122497015** Collected: 05/31/12 11:40 Received: 06/02/12 09:00 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	06/05/12 00:00	06/14/12 01:21		
Surrogates								
p-Terphenyl (S)	54	%	40-118	1	06/05/12 00:00	06/14/12 01:21	92-94-4	
n-Tetracosane (S)	62	%	36-120	1	06/05/12 00:00	06/14/12 01:21	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/08/12 02:36	71-43-2	L3
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 02:36	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 02:36	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 02:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%	86-112	1		06/08/12 02:36	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/08/12 02:36	2037-26-5	
4-Bromofluorobenzene (S)	102	%	87-113	1		06/08/12 02:36	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	82-119	1		06/08/12 02:36	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 02:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**91.9**	mg/L	10.0	10		06/12/12 14:36	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW21053112 **Lab ID: 60122497016** Collected: 05/31/12 11:50 Received: 06/02/12 09:00 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	06/05/12 00:00	06/14/12 01:42		
Surrogates								
p-Terphenyl (S)	66	%	40-118	1	06/05/12 00:00	06/14/12 01:42	92-94-4	
n-Tetracosane (S)	79	%	36-120	1	06/05/12 00:00	06/14/12 01:42	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/08/12 02:51	71-43-2	L3
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 02:51	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 02:51	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 02:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	86-112	1		06/08/12 02:51	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/08/12 02:51	2037-26-5	
4-Bromofluorobenzene (S)	102	%	87-113	1		06/08/12 02:51	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	82-119	1		06/08/12 02:51	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 02:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**358**	mg/L	20.0	20		06/12/12 14:51	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW23053112 **Lab ID: 60122497017** Collected: 05/31/12 15:50 Received: 06/02/12 09:00 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	06/05/12 00:00	06/14/12 02:45		
Surrogates								
p-Terphenyl (S)	67	%	40-118	1	06/05/12 00:00	06/14/12 02:45	92-94-4	
n-Tetracosane (S)	82	%	36-120	1	06/05/12 00:00	06/14/12 02:45	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/08/12 03:05	71-43-2	L3
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 03:05	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 03:05	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 03:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	86-112	1		06/08/12 03:05	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/08/12 03:05	2037-26-5	
4-Bromofluorobenzene (S)	102	%	87-113	1		06/08/12 03:05	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	82-119	1		06/08/12 03:05	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 03:05		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**61.1**	mg/L	10.0	10		06/12/12 15:07	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW24053112 **Lab ID: 60122497018** Collected: 05/31/12 12:35 Received: 06/02/12 09:00 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	06/05/12 00:00	06/14/12 03:06		
Surrogates								
p-Terphenyl (S)	70	%	40-118	1	06/05/12 00:00	06/14/12 03:06	92-94-4	
n-Tetracosane (S)	82	%	36-120	1	06/05/12 00:00	06/14/12 03:06	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/08/12 03:20	71-43-2	L1
Ethylbenzene	**6.3**	ug/L	1.0	1		06/08/12 03:20	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 03:20	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 03:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%	86-112	1		06/08/12 03:20	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/08/12 03:20	2037-26-5	
4-Bromofluorobenzene (S)	105	%	87-113	1		06/08/12 03:20	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	82-119	1		06/08/12 03:20	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 03:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**215**	mg/L	20.0	20		06/12/12 15:22	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW25053112 **Lab ID: 60122497019** Collected: 05/31/12 12:20 Received: 06/02/12 09:00 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	06/05/12 00:00	06/14/12 03:27		
Surrogates								
p-Terphenyl (S)	62	%	40-118	1	06/05/12 00:00	06/14/12 03:27	92-94-4	
n-Tetracosane (S)	77	%	36-120	1	06/05/12 00:00	06/14/12 03:27	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/08/12 03:34	71-43-2	L3
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 03:34	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 03:34	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 03:34	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%	86-112	1		06/08/12 03:34	1868-53-7	
Toluene-d8 (S)	99	%	90-110	1		06/08/12 03:34	2037-26-5	
4-Bromofluorobenzene (S)	104	%	87-113	1		06/08/12 03:34	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	82-119	1		06/08/12 03:34	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/08/12 03:34		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**128**	mg/L	20.0	20		06/12/12 15:37	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW26053112 **Lab ID: 60122497020** Collected: 05/31/12 15:25 Received: 06/02/12 09:00 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	06/05/12 00:00	06/14/12 03:48		
Surrogates								
p-Terphenyl (S)	63	%	40-118	1	06/05/12 00:00	06/14/12 03:48	92-94-4	
n-Tetracosane (S)	79	%	36-120	1	06/05/12 00:00	06/14/12 03:48	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/08/12 03:48	71-43-2	L3
Ethylbenzene	ND	ug/L	1.0	1		06/08/12 03:48	100-41-4	
Toluene	ND	ug/L	1.0	1		06/08/12 03:48	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/08/12 03:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	86-112	1		06/08/12 03:48	1868-53-7	
Toluene-d8 (S)	97	%	90-110	1		06/08/12 03:48	2037-26-5	
4-Bromofluorobenzene (S)	103	%	87-113	1		06/08/12 03:48	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	82-119	1		06/08/12 03:48	17060-07-0	
Preservation pH	**5.0**		1.0	1		06/08/12 03:48		pH
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**150**	mg/L	20.0	20		06/12/12 17:10	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: MW27053112 **Lab ID: 60122497021** Collected: 05/31/12 15:40 Received: 06/02/12 09:00 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	06/06/12 00:00	06/14/12 05:32		
Surrogates								
p-Terphenyl (S)	62	%	40-118	1	06/06/12 00:00	06/14/12 05:32	92-94-4	
n-Tetracosane (S)	75	%	36-120	1	06/06/12 00:00	06/14/12 05:32	646-31-1	
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	**61.4**	ug/L	1.0	1		06/07/12 16:48	71-43-2	
Ethylbenzene	**5.9**	ug/L	1.0	1		06/07/12 16:48	100-41-4	
Toluene	**7.5**	ug/L	1.0	1		06/07/12 16:48	108-88-3	
Xylene (Total)	**9.3**	ug/L	3.0	1		06/07/12 16:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	86-112	1		06/07/12 16:48	1868-53-7	
Toluene-d8 (S)	95	%	90-110	1		06/07/12 16:48	2037-26-5	
4-Bromofluorobenzene (S)	102	%	87-113	1		06/07/12 16:48	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	82-119	1		06/07/12 16:48	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/07/12 16:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**93.6**	mg/L	10.0	10		06/12/12 17:56	16887-00-6	

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ANALYTICAL RESULTS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Sample: TRIP BLANK **Lab ID: 60122497022** Collected: 05/31/12 00:00 Received: 06/02/12 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/07/12 17:02	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/07/12 17:02	100-41-4	
Toluene	ND	ug/L	1.0	1		06/07/12 17:02	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/07/12 17:02	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%	86-112	1		06/07/12 17:02	1868-53-7	
Toluene-d8 (S)	95	%	90-110	1		06/07/12 17:02	2037-26-5	
4-Bromofluorobenzene (S)	101	%	87-113	1		06/07/12 17:02	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	82-119	1		06/07/12 17:02	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/07/12 17:02		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

QC Batch: MSV/46113 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60122497001, 60122497002, 60122497003, 60122497004, 60122497008, 60122497009, 60122497010, 60122497011, 60122497012, 60122497013, 60122497014, 60122497015, 60122497016, 60122497017, 60122497018, 60122497019, 60122497020

METHOD BLANK: 1010032 Matrix: Water
Associated Lab Samples: 60122497001, 60122497002, 60122497003, 60122497004, 60122497008, 60122497009, 60122497010, 60122497011, 60122497012, 60122497013, 60122497014, 60122497015, 60122497016, 60122497017, 60122497018, 60122497019, 60122497020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	06/07/12 23:01	
Ethylbenzene	ug/L	ND	1.0	06/07/12 23:01	
Toluene	ug/L	ND	1.0	06/07/12 23:01	
Xylene (Total)	ug/L	ND	3.0	06/07/12 23:01	
1,2-Dichloroethane-d4 (S)	%	97	82-119	06/07/12 23:01	
4-Bromofluorobenzene (S)	%	100	87-113	06/07/12 23:01	
Dibromofluoromethane (S)	%	100	86-112	06/07/12 23:01	
Toluene-d8 (S)	%	98	90-110	06/07/12 23:01	

LABORATORY CONTROL SAMPLE: 1010033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	24.6	123	82-117	L0
Ethylbenzene	ug/L	20	23.0	115	79-121	
Toluene	ug/L	20	22.0	110	80-120	
Xylene (Total)	ug/L	60	68.8	115	79-120	
1,2-Dichloroethane-d4 (S)	%			95	82-119	
4-Bromofluorobenzene (S)	%			102	87-113	
Dibromofluoromethane (S)	%			101	86-112	
Toluene-d8 (S)	%			98	90-110	

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QUALITY CONTROL DATA

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

QC Batch: MSV/46114 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60122497021, 60122497022

METHOD BLANK: 1010040 | Matrix: Water
Associated Lab Samples: 60122497021, 60122497022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	06/07/12 11:40	
Ethylbenzene	ug/L	ND	1.0	06/07/12 11:40	
Toluene	ug/L	ND	1.0	06/07/12 11:40	
Xylene (Total)	ug/L	ND	3.0	06/07/12 11:40	
1,2-Dichloroethane-d4 (S)	%	98	82-119	06/07/12 11:40	
4-Bromofluorobenzene (S)	%	104	87-113	06/07/12 11:40	
Dibromofluoromethane (S)	%	101	86-112	06/07/12 11:40	
Toluene-d8 (S)	%	98	90-110	06/07/12 11:40	

LABORATORY CONTROL SAMPLE: 1010041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	23.1	116	82-117	
Ethylbenzene	ug/L	20	22.0	110	79-121	
Toluene	ug/L	20	20.8	104	80-120	
Xylene (Total)	ug/L	60	67.2	112	79-120	
1,2-Dichloroethane-d4 (S)	%			98	82-119	
4-Bromofluorobenzene (S)	%			104	87-113	
Dibromofluoromethane (S)	%			107	86-112	
Toluene-d8 (S)	%			99	90-110	

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QUALITY CONTROL DATA

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

QC Batch: MSV/46219 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 60122497001, 60122497005, 60122497006, 60122497007, 60122497008, 60122497009, 60122497010, 60122497013

METHOD BLANK: 1012030 Matrix: Water
Associated Lab Samples: 60122497001, 60122497005, 60122497006, 60122497007, 60122497008, 60122497009, 60122497010, 60122497013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	06/12/12 03:32	
Ethylbenzene	ug/L	ND	1.0	06/12/12 03:32	
Toluene	ug/L	ND	1.0	06/12/12 03:32	
Xylene (Total)	ug/L	ND	3.0	06/12/12 03:32	
1,2-Dichloroethane-d4 (S)	%	96	82-119	06/12/12 03:32	
4-Bromofluorobenzene (S)	%	101	87-113	06/12/12 03:32	
Dibromofluoromethane (S)	%	100	86-112	06/12/12 03:32	
Toluene-d8 (S)	%	100	90-110	06/12/12 03:32	

LABORATORY CONTROL SAMPLE: 1012031

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.8	104	82-117	
Ethylbenzene	ug/L	20	20.5	102	79-121	
Toluene	ug/L	20	21.2	106	80-120	
Xylene (Total)	ug/L	60	60.9	101	79-120	
1,2-Dichloroethane-d4 (S)	%			102	82-119	
4-Bromofluorobenzene (S)	%			100	87-113	
Dibromofluoromethane (S)	%			106	86-112	
Toluene-d8 (S)	%			102	90-110	

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QUALITY CONTROL DATA

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

QC Batch: OEXT/33430 Analysis Method: EPA 8015B
QC Batch Method: EPA 3510C Analysis Description: EPA 8015B
Associated Lab Samples: 60122497001, 60122497002, 60122497003, 60122497004, 60122497005, 60122497006, 60122497007, 60122497008, 60122497009, 60122497010, 60122497011, 60122497012, 60122497013, 60122497014, 60122497015, 60122497016, 60122497017, 60122497018, 60122497019, 60122497020

METHOD BLANK: 1008362 Matrix: Water
Associated Lab Samples: 60122497001, 60122497002, 60122497003, 60122497004, 60122497005, 60122497006, 60122497007, 60122497008, 60122497009, 60122497010, 60122497011, 60122497012, 60122497013, 60122497014, 60122497015, 60122497016, 60122497017, 60122497018, 60122497019, 60122497020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	06/13/12 19:04	
n-Tetracosane (S)	%	70	36-120	06/13/12 19:04	
p-Terphenyl (S)	%	57	40-118	06/13/12 19:04	

LABORATORY CONTROL SAMPLE: 1008363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	2.5	2.3	93	48-119	
n-Tetracosane (S)	%			85	36-120	
p-Terphenyl (S)	%			73	40-118	

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QUALITY CONTROL DATA

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

QC Batch: OEXT/33438 Analysis Method: EPA 8015B
QC Batch Method: EPA 3510C Analysis Description: EPA 8015B
Associated Lab Samples: 60122497021

METHOD BLANK: 1008882 Matrix: Water
Associated Lab Samples: 60122497021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO	mg/L	ND	0.50	06/14/12 04:50	
n-Tetracosane (S)	%	84	36-120	06/14/12 04:50	
p-Terphenyl (S)	%	76	40-118	06/14/12 04:50	

LABORATORY CONTROL SAMPLE: 1008883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO	mg/L	2.5	2.5	100	48-119	
n-Tetracosane (S)	%			90	36-120	
p-Terphenyl (S)	%			86	40-118	

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QUALITY CONTROL DATA

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

QC Batch: WETA/20505 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60122497001, 60122497002, 60122497003, 60122497004, 60122497005, 60122497006, 60122497007, 60122497008, 60122497009, 60122497010, 60122497011, 60122497012, 60122497013, 60122497014, 60122497015, 60122497016, 60122497017, 60122497018, 60122497019

METHOD BLANK: 1012184 Matrix: Water
Associated Lab Samples: 60122497001, 60122497002, 60122497003, 60122497004, 60122497005, 60122497006, 60122497007, 60122497008, 60122497009, 60122497010, 60122497011, 60122497012, 60122497013, 60122497014, 60122497015, 60122497016, 60122497017, 60122497018, 60122497019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/12/12 08:41	

LABORATORY CONTROL SAMPLE: 1012185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.7	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1012186 1012187

Parameter	Units	60122497001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	39.7	25	25	64.7	65.0	100	101	64-118	0	12	

MATRIX SPIKE SAMPLE: 1012188

Parameter	Units	60122497010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	191	50	247	111	64-118	

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QUALITY CONTROL DATA

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

QC Batch: WETA/20506 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 60122497020, 60122497021

METHOD BLANK: 1012195 | Matrix: Water
Associated Lab Samples: 60122497020, 60122497021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/12/12 16:08	

LABORATORY CONTROL SAMPLE: 1012196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.7	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1012197 1012198

Parameter	Units	60122497020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	150	100	100	250	250	100	100	64-118	0	12	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

BATCH QUALIFIERS

Batch: OEXT/33430

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

Batch: OEXT/33438

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

Batch: MSV/46113

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

Batch: MSV/46114

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

Batch: MSV/46219

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

ANALYTE QUALIFIERS

D4	Sample was diluted due to the presence of high levels of target analytes.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60122497001	MW3053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497002	MW4053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497003	MW5053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497004	MW6053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497005	MW7053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497006	MW8053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497007	MW10053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497008	MW12053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497009	MW13053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497010	MW14053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497011	MW15053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497012	MW16053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497013	MW18053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497014	MW19053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497015	MW20053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497016	MW21053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497017	MW23053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497018	MW24053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497019	MW25053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497020	MW26053112	EPA 3510C	OEXT/33430	EPA 8015B	GCSV/12593
60122497021	MW27053112	EPA 3510C	OEXT/33438	EPA 8015B	GCSV/12592
60122497001	MW3053112	EPA 8260	MSV/46113		
60122497001	MW3053112	EPA 8260	MSV/46219		
60122497002	MW4053112	EPA 8260	MSV/46113		
60122497003	MW5053112	EPA 8260	MSV/46113		
60122497004	MW6053112	EPA 8260	MSV/46113		
60122497005	MW7053112	EPA 8260	MSV/46219		
60122497006	MW8053112	EPA 8260	MSV/46219		
60122497007	MW10053112	EPA 8260	MSV/46219		
60122497008	MW12053112	EPA 8260	MSV/46113		
60122497008	MW12053112	EPA 8260	MSV/46219		
60122497009	MW13053112	EPA 8260	MSV/46113		
60122497009	MW13053112	EPA 8260	MSV/46219		
60122497010	MW14053112	EPA 8260	MSV/46113		
60122497010	MW14053112	EPA 8260	MSV/46219		
60122497011	MW15053112	EPA 8260	MSV/46113		
60122497012	MW16053112	EPA 8260	MSV/46113		
60122497013	MW18053112	EPA 8260	MSV/46113		
60122497013	MW18053112	EPA 8260	MSV/46219		
60122497014	MW19053112	EPA 8260	MSV/46113		
60122497015	MW20053112	EPA 8260	MSV/46113		
60122497016	MW21053112	EPA 8260	MSV/46113		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: EAST HOBBS JUNCTION 075016
Pace Project No.: 60122497

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60122497017	MW23053112	EPA 8260	MSV/46113		
60122497018	MW24053112	EPA 8260	MSV/46113		
60122497019	MW25053112	EPA 8260	MSV/46113		
60122497020	MW26053112	EPA 8260	MSV/46113		
60122497021	MW27053112	EPA 8260	MSV/46114		
60122497022	TRIP BLANK	EPA 8260	MSV/46114		
60122497001	MW3053112	EPA 300.0	WETA/20505		
60122497002	MW4053112	EPA 300.0	WETA/20505		
60122497003	MW5053112	EPA 300.0	WETA/20505		
60122497004	MW6053112	EPA 300.0	WETA/20505		
60122497005	MW7053112	EPA 300.0	WETA/20505		
60122497006	MW8053112	EPA 300.0	WETA/20505		
60122497007	MW10053112	EPA 300.0	WETA/20505		
60122497008	MW12053112	EPA 300.0	WETA/20505		
60122497009	MW13053112	EPA 300.0	WETA/20505		
60122497010	MW14053112	EPA 300.0	WETA/20505		
60122497011	MW15053112	EPA 300.0	WETA/20505		
60122497012	MW16053112	EPA 300.0	WETA/20505		
60122497013	MW18053112	EPA 300.0	WETA/20505		
60122497014	MW19053112	EPA 300.0	WETA/20505		
60122497015	MW20053112	EPA 300.0	WETA/20505		
60122497016	MW21053112	EPA 300.0	WETA/20505		
60122497017	MW23053112	EPA 300.0	WETA/20505		
60122497018	MW24053112	EPA 300.0	WETA/20505		
60122497019	MW25053112	EPA 300.0	WETA/20505		
60122497020	MW26053112	EPA 300.0	WETA/20506		
60122497021	MW27053112	EPA 300.0	WETA/20506		

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Pace Analytical Services - Kansas City
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Lenexa, KS 66219
ATTN: Alice Tracy

Pace Analytical Services, Inc.
400 W. Bethany Rd. Suite 190
Allen, TX. 75013
Phone: 972-727-1123

Report of Sample Analysis

Pace Analytical Services - Kansas City
9608 Loiret Blvd.
Lenexa, KS 66219
ATTN: Alice Tracy

Page: Page 1 of 26
Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Attached is our analytical report for the samples received for your project. Below is a list of your individual sample descriptions with our corresponding laboratory number. We also have enclosed a copy of the Chain of Custody that was received with your samples and a form documenting the condition of your samples upon arrival. Please note any unused portion of the samples may be discarded upon expiration of the EPA holding time for the analysis performed or after 30 days from the above report date, unless you have requested otherwise.

PACE Analytical Services, Inc. certifies that all results contained in this report were produced in accordance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) unless otherwise noted. The results presented apply to the samples analyzed in accordance with the chain-of-custody document(s) furnished with the samples. This report is intended for the sole use of the customer for whom the work was performed and must be reproduced, without modification, in its entirety.

Sample Identification

Laboratory ID #	Client Sample ID	Matrix	Sampled Date/Time	Received Date/Time
1206049-01	MW3053112 (60122497001)	Aqueous	05/31/12 18:20	06/05/12 09:32
1206049-02	MW4053112 (60122497002)	Aqueous	05/31/12 15:00	06/05/12 09:32
1206049-03	MW5053112 (60122497003)	Aqueous	05/31/12 15:10	06/05/12 09:32
1206049-04	MW6053112 (60122497004)	Aqueous	05/31/12 13:10	06/05/12 09:32
1206049-05	MW7053112 (60122497005)	Aqueous	05/31/12 14:45	06/05/12 09:32
1206049-06	MW8053112 (60122497006)	Aqueous	05/31/12 16:10	06/05/12 09:32
1206049-07	MW1 0053112 (60122497007)	Aqueous	05/31/12 14:35	06/05/12 09:32
1206049-08	MW1 2053112 (60122497008)	Aqueous	05/31/12 14:20	06/05/12 09:32
1206049-09	MW13053112 (60122497009)	Aqueous	05/31/12 13:50	06/05/12 09:32
1206049-10	MW14053112 (60122497010)	Aqueous	05/31/12 13:25	06/05/12 09:32
1206049-11	MW15053112 (60122497011)	Aqueous	05/31/12 12:50	06/05/12 09:32
1206049-12	MW16053112 (60122497011)	Aqueous	05/31/12 12:10	06/05/12 09:32
1206049-13	MW18053112 (60122497013)	Aqueous	05/31/12 14:05	06/05/12 09:32
1206049-14	MW19053112 (60122497014)	Aqueous	05/31/12 13:40	06/05/12 09:32
1206049-15	MW20053112 (60122497015)	Aqueous	05/31/12 11:40	06/05/12 09:32
1206049-16	MW21053112 (60122497016)	Aqueous	05/31/12 11:50	06/05/12 09:32
1206049-17	MW23053112 (60122497017)	Aqueous	05/31/12 15:50	06/05/12 09:32
1206049-18	MW24053112 (60122497018)	Aqueous	05/31/12 12:35	06/05/12 09:32

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Report of Sample Analysis

Pace Analytical Services - Kansas City	Page: Page 2 of 26
9608 Loiret Blvd.	Project: East Hobbs Junction 075016
Lenexa, KS 66219	Project #: 60122497
ATTN: Alice Tracy	Print Date/Time: 06/14/12 09:50

Sample Identification (continued)

Laboratory ID #	Client Sample ID	Matrix	Sampled Date/Time	Received Date/Time
1206049-19	MW25053112 (60122497019)	Aqueous	05/31/12 12:20	06/05/12 09:32
1206049-20	MW26053112 (60122497020)	Aqueous	05/31/12 15:25	06/05/12 09:32
1206049-21	MW27053112 (60122497021)	Aqueous	05/31/12 15:40	06/05/12 09:32

Thank you for the opportunity to serve your environmental chemistry analysis needs. If you have any questions or concerns regarding this report please contact our Customer Service Department at the phone number below.

Respectfully submitted,

Shelly Connelly

Shelly Connelly
Client Services Manager

Arkansas: 88-0647
Oklahoma: 8727

Louisiana: 02007
Kansas: E-10388
Texas: T104704232-11-3

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Report of Sample Analysis

Pace Analytical Services - Kansas City
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Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-01
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW3053112 (60122497001)
Sample Date/Time: 05/31/12 1820

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**126**	100	0.05	mg/l	2,000.00	EPA 8015B mod	2F05070	06/06/12 1408	ZT	R-01

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0496 mg/l*	*0.0500 mg/l*	*99 %*	*60-138*

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Report of Sample Analysis

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Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-02
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW4053112 (60122497002)
Sample Date/Time: 05/31/12 1500

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	ND	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 1757	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0508 mg/l*	*0.0500 mg/l*	*102 %*	*60-138*

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Report of Sample Analysis

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Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-03
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW5053112 (60122497003)
Sample Date/Time: 05/31/12 1510

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	ND	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 1828	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0506 mg/l*	*0.0500 mg/l*	*101 %*	*60-138*

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Report of Sample Analysis

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Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-04
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW6053112 (60122497004)
Sample Date/Time: 05/31/12 1310

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**ND**	0.500	0.05	mg/l	10.00	EPA 8015B mod	2F05070	06/06/12 1203	ZT	R-01

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0501 mg/l*	*0.0500 mg/l*	*100 %*	*60-138*

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-05
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW7053112 (60122497005)
Sample Date/Time: 05/31/12 1445

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	988	250	0.05	mg/l	5,000.00	EPA 8015B mod	2F05070	06/06/12 1440	ZT	R-01

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits	
4-Bromofluorobenzene (EPA 8015B mod)	*0.0764 mg/l*	*0.0500 mg/l*	*153 %*	*60-138*	Q-29

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-06
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW8053112 (60122497006)
Sample Date/Time: 05/31/12 1610

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**7.11**	5.00	0.05	mg/l	100.00	EPA 8015B mod	2F05070	06/06/12 0906	ZT	R-01

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0471 mg/l*	*0.0500 mg/l*	*94 %*	*60-138*

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Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-07
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW1 0053112 (60122497007)
Sample Date/Time: 05/31/12 1435

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**ND**	50.0	0.05	mg/l	1,000.00	EPA 8015B mod	2F05070	06/07/12 0137	ZT	R-01

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0498 mg/l*	*0.0500 mg/l*	*100 %*	*60-138*

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-08
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW1 2053112 (60122497008)
Sample Date/Time: 05/31/12 1420

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**14.7**	5.00	0.05	mg/l	100.00	EPA 8015B mod	2F05070	06/06/12 2209	ZT	R-01

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0437 mg/l*	*0.0500 mg/l*	*87 %*	*60-138*

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-09
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW13053112 (60122497009)
Sample Date/Time: 05/31/12 1350

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**ND**	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 1900	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0505 mg/l*	*0.0500 mg/l*	*101 %*	*60-138*

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-10
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW14053112 (60122497010)
Sample Date/Time: 05/31/12 1325

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	ND	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 1931	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0517 mg/l*	*0.0500 mg/l*	*103 %*	*60-138*

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-11
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW15053112 (60122497011)
Sample Date/Time: 05/31/12 1250

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**ND**	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 2003	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0508 mg/l*	*0.0500 mg/l*	*102 %*	*60-138*

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-12
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW16053112 (60122497011)
Sample Date/Time: 05/31/12 1210

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**ND**	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 2035	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0512 mg/l*	*0.0500 mg/l*	*102 %*	*60-138*

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Report of Sample Analysis

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-13
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW18053112 (60122497013)
Sample Date/Time: 05/31/12 1405

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**7.06**	5.00	0.05	mg/l	100.00	EPA 8015B mod	2F05070	06/06/12 2241	ZT	R-01

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0486 mg/l*	*0.0500 mg/l*	*97 %*	*60-138*

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-14
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW19053112 (60122497014)
Sample Date/Time: 05/31/12 1340

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	ND	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 2106	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0515 mg/l*	*0.0500 mg/l*	*103 %*	*60-138*

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Report of Sample Analysis

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Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-15
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW20053112 (60122497015)
Sample Date/Time: 05/31/12 1140

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**ND**	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 2138	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0513 mg/l*	*0.0500 mg/l*	*103 %*	*60-138*

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Report of Sample Analysis

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-16
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW21053112 (60122497016)
Sample Date/Time: 05/31/12 1150

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	ND	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 2210	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0508 mg/l*	*0.0500 mg/l*	*102 %*	*60-138*

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-17
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW23053112 (60122497017)
Sample Date/Time: 05/31/12 1550

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**ND**	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 2242	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0509 mg/l*	*0.0500 mg/l*	*102 %*	*60-138*

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Report of Sample Analysis

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-18
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW24053112 (60122497018)
Sample Date/Time: 05/31/12 1235

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**0.054**	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/06/12 0105	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0485 mg/l*	*0.0500 mg/l*	*97 %*	*60-138*

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ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-19
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW25053112 (60122497019)
Sample Date/Time: 05/31/12 1220

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**ND**	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F05070	06/05/12 2314	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0507 mg/l*	*0.0500 mg/l*	*101 %*	*60-138*

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Report of Sample Analysis

Pace Analytical Services - Kansas City
9608 Loiret Blvd.
Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-20
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW26053112 (60122497020)
Sample Date/Time: 05/31/12 1525

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**ND**	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F06057	06/06/12 2124	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0500 mg/l*	*0.0500 mg/l*	*100 %*	*60-138*

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
400 W. Bethany Rd. Suite 190
Allen, TX. 75013
Phone: 972-727-1123

Report of Sample Analysis

Pace Analytical Services - Kansas City
9608 Loiret Blvd.
Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Laboratory ID #: 1206049-21
Sample Type: Unknown
Matrix: Aqueous
Sample Collected By: Not Provided
Sample Description: MW27053112 (60122497021)
Sample Date/Time: 05/31/12 1540

Analyte(s)	Result	SRL	MRL	Units	F*	Method	Batch	Analysis Date/Time	Anlst	Flag
Total Petroleum Hydrocarbons - GRO										
TPH Gasoline	**0.118**	0.050	0.05	mg/l	1.00	EPA 8015B mod	2F06057	06/06/12 2155	ZT	

Surrogate	Result	Spike Conc.	Recovery	Rec. Limits
4-Bromofluorobenzene (EPA 8015B mod)	*0.0437 mg/l*	*0.0500 mg/l*	*87 %*	*60-138*

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Pace Analytical Services - Kansas City
9608 Loiret Blvd.
Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Total Petroleum Hydrocarbons - GRO - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2F05070 - EPA 5030B Purge-and-Trap for Aqueous Samples										
Blank (2F05070-BLK1)										
Prepared: 06/05/12 13:33 Analyzed: 06/05/12 14:19										
TPH Gasoline	**ND**	0.050	mg/l							
Surrogate: 4-Bromofluorobenzene	**0.0507**		mg/l	0.0500		101	60-138			
Laboratory Control Sample (2F05070-BS1)										
Prepared: 06/05/12 13:33 Analyzed: 06/05/12 14:50										
TPH Gasoline	**0.439**	0.050	mg/l	0.500		88	71-126			
Surrogate: 4-Bromofluorobenzene	**0.0525**		mg/l	0.0500		105	60-138			
Laboratory Control Sample Duplicate (2F05070-BSD1)										
Prepared: 06/05/12 13:33 Analyzed: 06/05/12 15:22										
TPH Gasoline	**0.443**	0.050	mg/l	0.500		89	71-126	0.9	12	
Surrogate: 4-Bromofluorobenzene	**0.0521**		mg/l	0.0500		104	60-138			
Matrix Spike (2F05070-MS1)					**Source: 1206048-01**					
Prepared: 06/05/12 13:33 Analyzed: 06/05/12 16:55										
TPH Gasoline	**0.394**	0.050	mg/l	0.500	ND	79	8-180			
Surrogate: 4-Bromofluorobenzene	**0.0530**		mg/l	0.0500		106	60-138			
Matrix Spike Duplicate (2F05070-MSD1)					**Source: 1206048-01**					
Prepared: 06/05/12 13:33 Analyzed: 06/05/12 17:26										
TPH Gasoline	**0.433**	0.050	mg/l	0.500	ND	87	8-180	10	9	Q-04
Surrogate: 4-Bromofluorobenzene	**0.0525**		mg/l	0.0500		105	60-138			
Batch 2F06057 - EPA 5030B Purge-and-Trap for Aqueous Samples										
Blank (2F06057-BLK1)										
Prepared: 06/06/12 13:15 Analyzed: 06/06/12 17:43										
TPH Gasoline	**ND**	0.050	mg/l							
Surrogate: 4-Bromofluorobenzene	**0.0491**		mg/l	0.0500		98	60-138			

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Report of Sample Analysis

Pace Analytical Services - Kansas City
9608 Loiret Blvd.
Lenexa, KS 66219
ATTN: Alice Tracy

Project: East Hobbs Junction 075016
Project #: 60122497
Print Date/Time: 06/14/12 09:50

Total Petroleum Hydrocarbons - GRO - Quality Control

Analyte(s)	Result	*SRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 2F06057 - EPA 5030B Purge-and-Trap for Aqueous Samples (continued)										
Laboratory Control Sample (2F06057-BS1)										
Prepared: 06/06/12 13:15 Analyzed: 06/06/12 18:15										
TPH Gasoline	**0.438**	0.050	mg/l	0.500		88	71-126			
Surrogate: 4-Bromofluorobenzene	**0.0508**		mg/l	0.0500		102	60-138			
Laboratory Control Sample Duplicate (2F06057-BSD1)										
Prepared: 06/06/12 13:15 Analyzed: 06/06/12 18:47										
TPH Gasoline	**0.445**	0.050	mg/l	0.500		89	71-126	2	12	
Surrogate: 4-Bromofluorobenzene	**0.0513**		mg/l	0.0500		103	60-138			
Matrix Spike (2F06057-MS1)					**Source: 1206049-20**					
Prepared: 06/06/12 13:15 Analyzed: 06/06/12 19:50										
TPH Gasoline	**0.425**	0.050	mg/l	0.500	ND	85	8-180			
Surrogate: 4-Bromofluorobenzene	**0.0516**		mg/l	0.0500		103	60-138			
Matrix Spike Duplicate (2F06057-MSD1)					**Source: 1206049-20**					
Prepared: 06/06/12 13:15 Analyzed: 06/06/12 20:21										
TPH Gasoline	**0.409**	0.050	mg/l	0.500	ND	82	8-180	4	9	
Surrogate: 4-Bromofluorobenzene	**0.0520**		mg/l	0.0500		104	60-138			

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Report of Sample Analysis

Pace Analytical Services - Kansas City	Page: Page 26 of 26
9608 Loiret Blvd.	Project: East Hobbs Junction 075016
Lenexa, KS 66219	Project #: 60122497
ATTN: Alice Tracy	Print Date/Time: 06/14/12 09:50

Notes and Definitions

The results presented in this report were generated using those methods given in 40 CFR Part 136 for Water and Wastewater samples and in SW-846 for RCRA/Solid Waste samples.

Q-04	The RPD of this analyte between the MS(s) was outside of the acceptable range. The RPD of this same analyte between the LCS(s) was within the acceptable range.
Q-29	The recovery of the surrogate in this sample was higher than the acceptable range due to matrix interference and/or large dilutions required for analysis. This may indicate a high bias to the compounds in the sample that this surrogate represents.
R-01	The higher reporting limit is due to dilutions required for analysis as a result of a high concentration of target and/or non-target parameters in this sample.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MS/MSD	Matrix Spike/Matrix Spike Duplicate
RPD	Relative Percent Difference
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
ug/kg	micrograms per kilogram
ug/l	micrograms per liter
exc	Not covered under scope of NELAP accreditation.
F*	Calculated factor rounded to 3 significant figures. Concentration factor when <1.00 and dilution factor when >1.00.
Anlst	Analyst Initials
SRL	Sample Reporting Limit
MRL	Method Reporting Limit
naa	This analysis/parameter is not accreditable under the current NELAP program

Chain of Custody

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Workorder: 60122497 **Workorder Name:** EAST HOBBS JUNCTION 075016 **Owner Received Date:** 6/2/2012 **Results Requested By:** 6/14/2012

Report To	Subcontract To
Alice Tracy Pace Analytical Services, Inc. 9608 Loiret Blvd. Lenexa, KS 66219 Phone (913)599-5665 Fax (913)599-1759	Pace Analytical Dallas 400 West Bethany Drive Suite 190 Allen, TX 75013 Phone (972)727-1123

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: HCL	Requested Analysis: 8015B GRO	LAB USE ONLY
1	MW3053112	PS	5/31/2012 18:20	60122497001	Water	1	X	1206049-01
2	MW4053112	PS	5/31/2012 15:00	60122497002	Water	1	X	1206049-02
3	MW5053112	PS	5/31/2012 15:10	60122497003	Water	1	X	1206049-03
4	MW6053112	PS	5/31/2012 13:10	60122497004	Water	1	X	1206049-04
5	MW7053112	PS	5/31/2012 14:45	60122497005	Water	1	X	1206049-05
6	MW8053112	PS	5/31/2012 16:10	60122497006	Water	1	X	1206049-06
7	MW1 0053112	PS	5/31/2012 14:35	60122497007	Water	1	X	1206049-07
8	MW1 2053112	PS	5/31/2012 14:20	60122497008	Water	1	X	1206049-08
9	MW13053112	PS	5/31/2012 13:50	60122497009	Water	1	X	1206049-09
10	MW14053112	PS	5/31/2012 13:25	60122497010	Water	1	X	1206049-10
11	MW15053112	PS	5/31/2012 12:50	60122497011	Water	1	X	1206049-11
12	MW16053112	PS	5/31/2012 12:10	60122497012	Water	1	X	1206049-12
13	MW18053112	PS	5/31/2012 14:05	60122497013	Water	1	X	1206049-13
14	MW19053112	PS	5/31/2012 13:40	60122497014	Water	1	X	1206049-14
15	MW20053112	PS	5/31/2012 11:40	60122497015	Water	1	X	1206049-15
16	MW21053112	PS	5/31/2012 11:50	60122497016	Water	1	X	1206049-16
17	MW23053112	PS	5/31/2012 15:50	60122497017	Water	1	X	1206049-17
18	MW24053112	PS	5/31/2012 12:35	60122497018	Water	1	X	1206049-18
19	MW25053112	PS	5/31/2012 12:20	60122497019	Water	1	X	1206049-19

Chain of Custody

Pace Analytical®
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Workorder: 60122497 **Workorder Name:** EAST HOBBS JUNCTION 075016 **Owner Received Date:** 6/2/2012 **Results Requested By:** 6/14/2012

Report To	Subcontract To
Alice Tracy Pace Analytical Services, Inc. 9608 Loiret Blvd. Lenexa, KS 66219 Phone (913)599-5665 Fax (913)599-1759	Pace Analytical Dallas 400 West Bethany Drive Suite 190 Allen, TX 75013 Phone (972)727-1123

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: HCL						Requested Analysis: 8015B GRO												LAB USE ONLY
20	MW26053112	PS	5/31/2012 15:25	60122497020	Water	1						X												1206049-20
21	MW27053112	PS	5/31/2012 15:40	60122497021	Water	1						X												1206049-21
22																								
23																								
24																								

Transfers	Released By	Date/Time	Received By	Date/Time
1	[illegible]	6/4/12 [illegible]	Leslie Underwood-Pace	6/5/12 0932
2				
3				

Comments

Cooler Temperature on Receipt 5.2 °C Custody Seal (Y) or N Received on Ice (Y) or N Samples Intact (Y) or N

ORIGIN ID: IXDA (913) 599-5665
SAMPLE RECEIVING
PACE ANALYTICAL SERVICES, INC.
9608 LOIRET BLVD

LENEXA, KS 66219-2406
UNITED STATES US

SHIP DATE: 04JUN12
ACTWGT: 27.9 LB
CAD: 884637/CAFE2511
DIMS: 20x14x11 IN

BILL SENDER

TO SAMPLE RECEIVING
PACE DALLAS
400 W BETHANY DR
SUITE 190
ALLEN TX 750133714

REF: IRWO 101947 10204 10203

DEPT: CLIENT SERVICES

FedEx Express

TRK# 0201 4966 3892 1846

TUE - 05 JUN A2
PRIORITY OVERNIGHT

NB DNEA

75013
TX-US DFW

Part # 156148-434 RIT2 04/12

Received by:
Leslie Underwood
6/5/12 @ 0932

Pace Analytical
CUSTODY SEAL

SIGNATURE

DATE 6/4/12

Lab Number(s): 1206049

ERMI

Sample Preservation Documentation*

On Ice (Circle One): YES OR NO (check if on Dry Ice_____)

Parameters	Containers #	Containers Size	Required Preservation	Sample Container	Circle pH Note any discrepancy
Metals			pH < 2	Glass or Plastic	pH < 2
Dissolved Metals			Unpreserved prior to being filtered, Cool**	Glass or Plastic	
Hexavalent Chromium			CWA - pH 9.3-9.7, Cool; RCRA - Cool	Glass or Plastic	Checked At Analysis
Semivolatiles, Pesticides, PCBs, Herbicides			Cool	Glass only with Teflon lid	Chlorine ☐yes ☐no
VOA (BTEX, MTBE, 624, 8260, TPH-GRO)	42	40 ml	Cool, pH < 2 Zero Head Space	40 ml VOA vial	DO NOT OPEN
VOA (TPH-1005)			Cool, Zero Head Space Please check if collected in pre-weighed vials_____	40 ml VOA vial	DO NOT OPEN
Phos., NO_3/NO_2, NH_3N, COD, TKN,TOC			Cool, pH < 2	Glass or Plastic	pH < 2
TDS, BOD, CBOD, Cond, pH, TSS, F, SO_4, Cl, Alk, Sulfite			Cool	Glass or Plastic, Plastic only if F	
Phenols, TPH-DRO			Cool, pH < 2	Glass only Teflon lid____ Foil lid_____	pH < 2
Oil & Grease, TPH (by 1664a)			Cool, pH < 2	Glass only Teflon lid____ Foil lid_____	DO NOT Check pH
Cyanide			Cool, pH >12	Glass or Plastic	pH > 12 Chlorine ☐yes ☐no Sulfide ☐yes ☐no ☐na
Sulfide			Cool, pH > 9	Glass or Plastic	pH > 9
Bacteria			Cool	Plastic Sterile Cup	
Soil, Sludge, Solid, Oil, Liquid			Cool Note: please check if collected in pre-weighed vials_____		

Metals Preserved By Login ☐yes ☐no Trip Blanks Received ☐yes ☑no

COMMENTS:_____

*This form is used to document sample preservation. Circle parameter requested. Fill in number and size of containers received. Check pH (adjust if needed) and note if different from what is required and make a notation of any samples not received on ice. Note any incorrect sample containers or preservation on chain-of-custody.

**Cool means cooled to ≤6°C but not frozen

Preservation Checked By _____ 6-5-12 Date 1124 Time

1000.0-3.2 2/17/09 KW

kdy 7/10/08

Q:\Form Masters\1000.0-3.2 Sample Preservation Form

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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:

Company: COP CRA Midland TX
Address: 2135 South Loop, 250 West
Midland, TX 79703
Email To: K.Horton@cravworld.com
Phone: (432) 686-0086 Fax: (432) 686-0186
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Ken Horton
Copy To.
Purchase Order No.:
Project Name: East Hobbs Junction
Project Number: 075016

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Alice Tracy
Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: NM

Section D Required Client Information

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

Requested Analysis Filtered (Y/N)

ITEM #	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	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 5-Vials	NaOH	$Na_2S_2O_3$	Methanol	Other 1L	Analysis Test (Y/N)	EPA 8260- BTEX	EPA 8015B- GRO	EPA 8015B- DRO	EPA 300.0- Chloride	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 60122497
1	MW3 053112	WT	G	5/31/12	1620	5/31/12			8				X				X		X	X	X	X		01
2	MW4 053112				1500				8				X				X		X	X	X	X		02
3	MW5 053112				1510				8				X				X		X	X	X	X		03
4	MW6 053112				1310				8				X				X		X	X	X	X		04
5	MW7 053112				1445				9				X				X		X	X	X	X		05
6	MW8 053112				1610				8				X				X		X	X	X	X		06
7	MW10 053112				1435				8				X				X		X	X	X	X		07
8	MW12 053112				1420				8				X				X		X	X	X	X		08
9	MW13 053112				1350				8				X				X		X	X	X	X		09
10	MW14 053112				1325				8				X				X		X	X	X	X		10
11	MW15 053112				1250				8				X				X		X	X	X	X		11
12	MW16 053112				1210				8				X				X		X	X	X	X		12

Analysis Test: 2 AGUA 5 DGH 1 BFSU

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Justin Nixon/CRA	06/01/12	0930	E Brockett	6/2/12	0900

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

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Justin Nixon
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 06/01/12

*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.

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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: 2 of 2

Section A Required Client Information

Company: COP CRA Midland TX
Address: 2135 South Loop, 250 West
Midland, TX 79703
Email To: K Horton @ Craworld.com
Phone: (432) 686-0086 Fax: (432) 686-0186
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Ken Horton
Copy To:
Purchase Order No.:
Project Name: East Hobbs Junction
Project Number: 075016

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Alice Tracy
Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: NM

Section D Required Client Information

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

Requested Analysis Filtered (Y/N)

ITEM #	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	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 5 vials	NaOH	$Na_2S_2O_3$	Methanol	Other 1 L	Analysis Test (Y/N): EPA 8260- BTEX	EPA 8015B- GRO	EPA 8015B- DRO	EPA 300.0- Chloride									Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 60122497
1	MW18053112	WT	G	5/31/12	1405				8				X				X	X	X	X	X	2 AGW4, 5DRH, 1									1	BP3U 013
2	MW19053112				1340				8				X				X	X	X	X	X												014
3	MW20053112				1140				8				X				X	X	X	X	X												015
4	MW21053112				1150				8				X				X	X	X	X	X												016
5	~~MW22053112~~				—				—				X				X	X	X	X	X												—
6	MW23053112				1550				8				X				X	X	X	X	X	2 AGW4, 5DRH, 1									1	BP3U 017
7	MW24053112				1235				8				X				X	X	X	X	X												018
8	MW25053112				1220				8				X				X	X	X	X	X												019
9	MW26053112				1525				8				X				X	X	X	X	X												020
10	MW27053112				1540				8				X				X	X	X	X	X												021
11	Trip Blanks								3				X				X	X				3 DRH C TB#1											022
12																																	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Justin Nixon CRA	06/01/12	0930	E Brockett	6/2/12	0900		Y	Y	Y

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Nixon					
SIGNATURE of SAMPLER:	Just Nix	DATE Signed (MM/DD/YY): 06/01/12				

*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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Sample Condition Upon Receipt – ESI Tech Specs

Client Name: COP- CRA Midland, TX Project #: 60122497

Courier: Fed Ex ☑ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other ☐ _____

Tracking #: 7936 3055 1592 / 7984 6119 5380 Pace Shipping Label Used? Yes ☐ No ☑

Optional	
Proj Due Date:	6/14
Proj Name:	

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

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

Thermometer Used: T-191 / T-194 **Type of Ice:** Wet Blue None (circle one) ☐ Samples received on ice, cooling process has begun.

Cooler Temperature: 5.5, 3.1, 5.0, 4.1, 4.8, 3.7, 4.2, 4.9, 1.4, 1.9

Temperature should be above freezing to 6°C

Date and initials of person examining contents: 6/2/12

Chain of Custody present:	☑Yes ☐No ☐N/A	1.
Chain of Custody filled out:	☑Yes ☐No ☐N/A	2.
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	3.
Sampler name & signature on COC:	☑Yes ☐No ☐N/A	4.
Samples arrived within holding time:	☑Yes ☐No ☐N/A	5.
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time requested:	☐Yes ☑No ☐N/A	7.
Sufficient volume:	☑Yes ☐No ☐N/A	8.
Correct containers used:	☑Yes ☐No ☐N/A	
-Pace containers used:	☑Yes ☐No ☐N/A	9.
Containers intact:	☑Yes ☐No ☐N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐Yes ☐No ☑N/A	11.
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	12.
Sample labels match COC:	☑Yes ☐No ☐N/A	
-Includes date/time/ID/analyses Matrix: WT		13.
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	14.
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☑Yes ☐No	Initial when completed / Lot # of added preservative
Trip Blank present:	☑Yes ☐No ☐N/A	MW-4, 5, 7, 10, 12, 13, 14, 18, 26, 27
Pace Trip Blank lot # (if purchased): 050712-3		15. received with Trip Blank
Headspace in VOA vials (>6mm):	☑Yes ☐No ☐N/A	MW1205312 (1420) 1 of 5
		16.
Project sampled in USDA Regulated Area:	☐Yes ☐No ☑N/A	17. List State:

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Temp Log: Record start and finish times when unpacking cooler, if >20 min, recheck sample temps.	
Start: 1227	Start:
End: 1247	End:
Temp:	Temp:

Project Manager Review: ATG Date: 6/4/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the NCDENR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers).

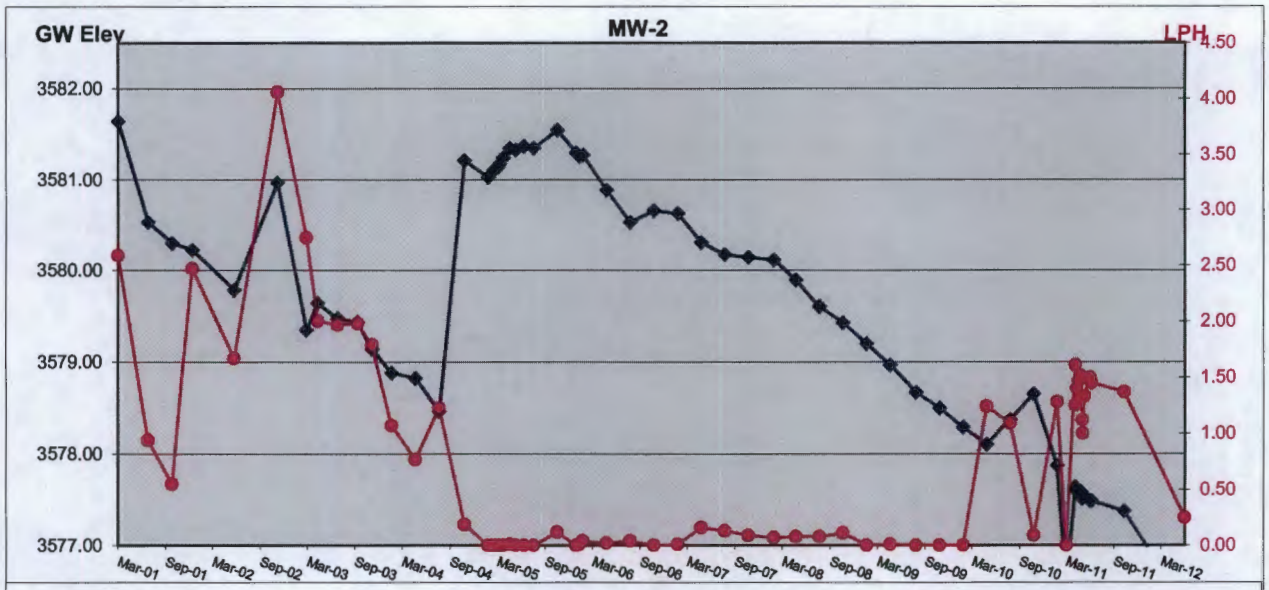
F-KS-C-004-Rev.0, 02February2011

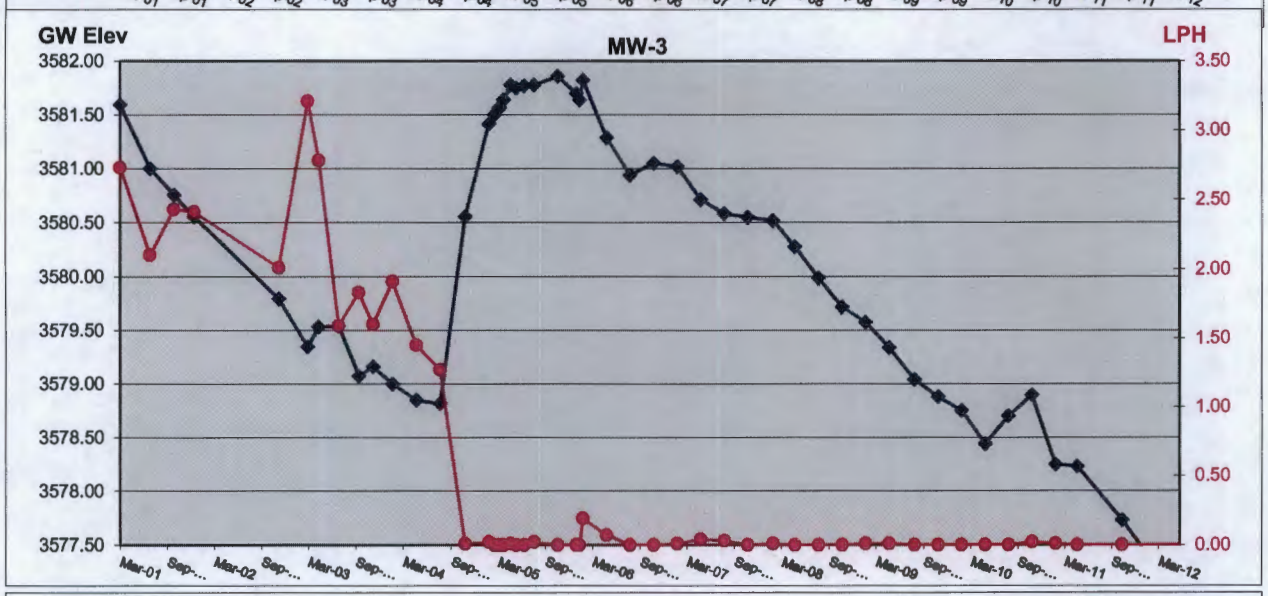
APPENDIX B

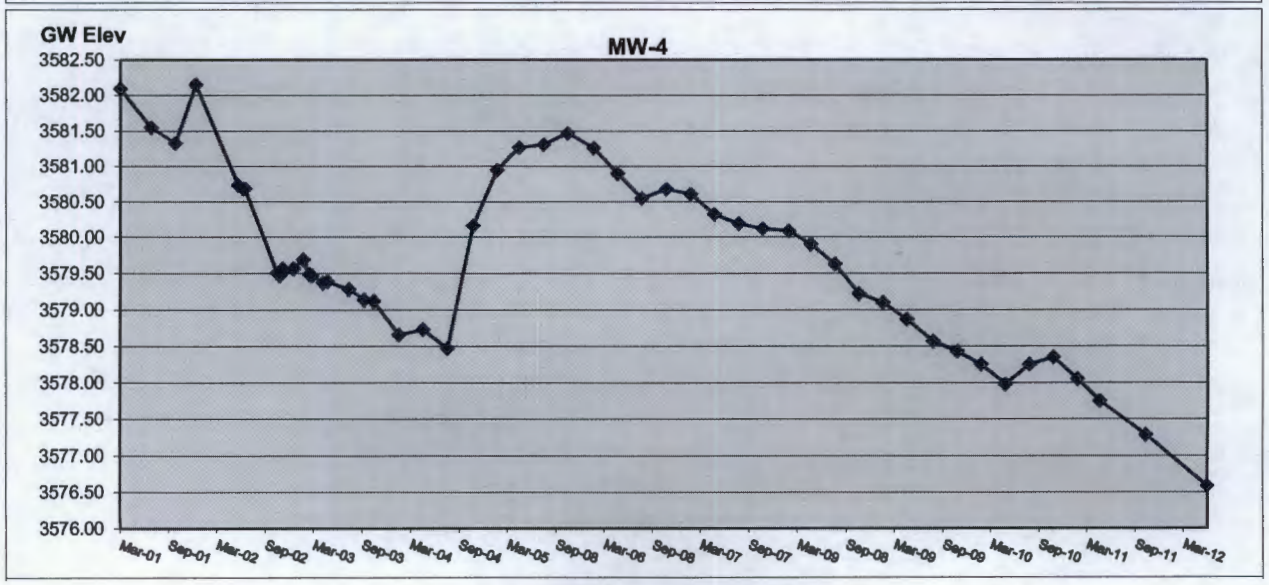
HYDROGRAPHS

APPENDIX B

HYDROGRAPHS
PHILLIPS 66 COMPANY
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO







GW Elevation and LPH Thickness = Feet

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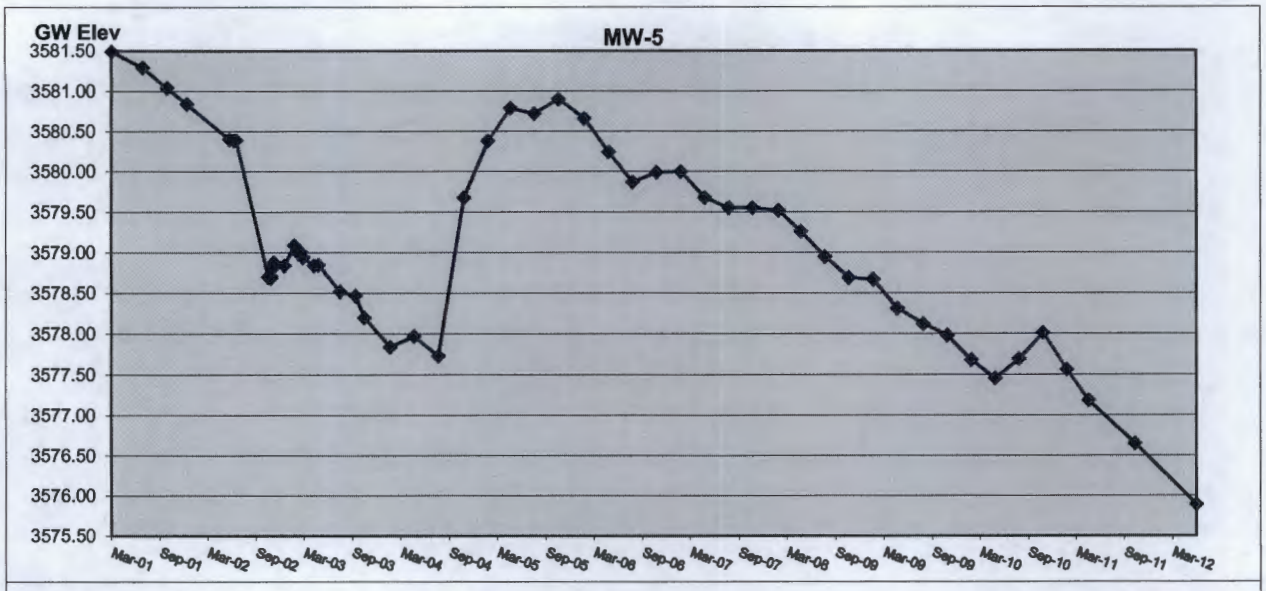
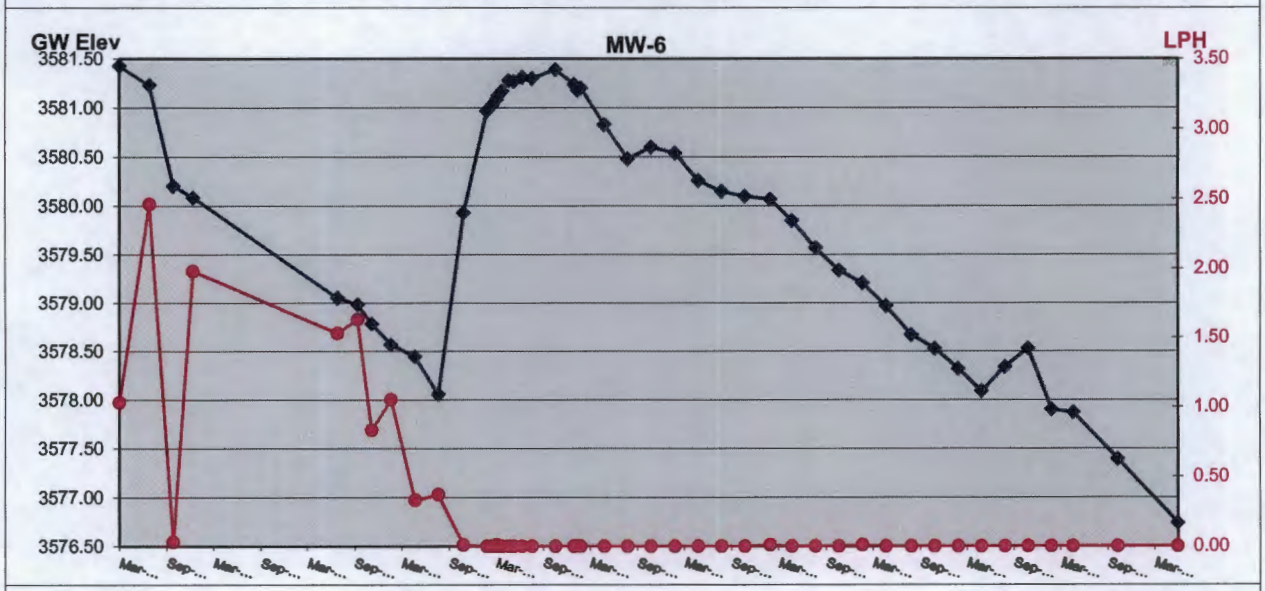
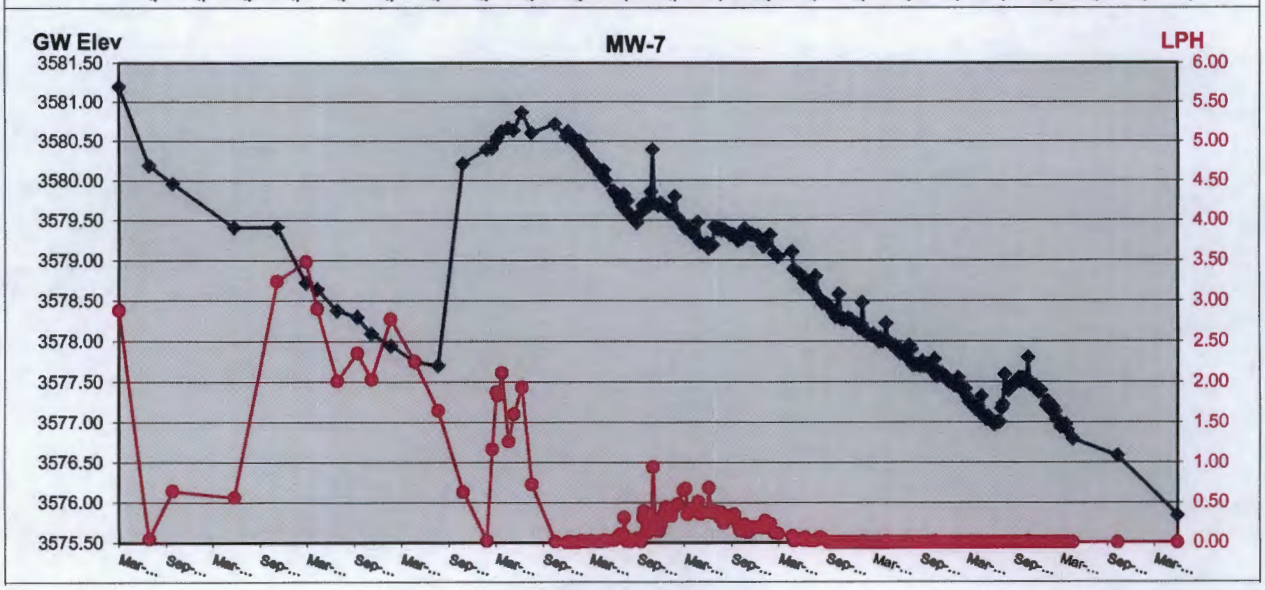
EAST HOBBS JUNCTION
HOBBS, LEA COUNTY, NEW MEXICO







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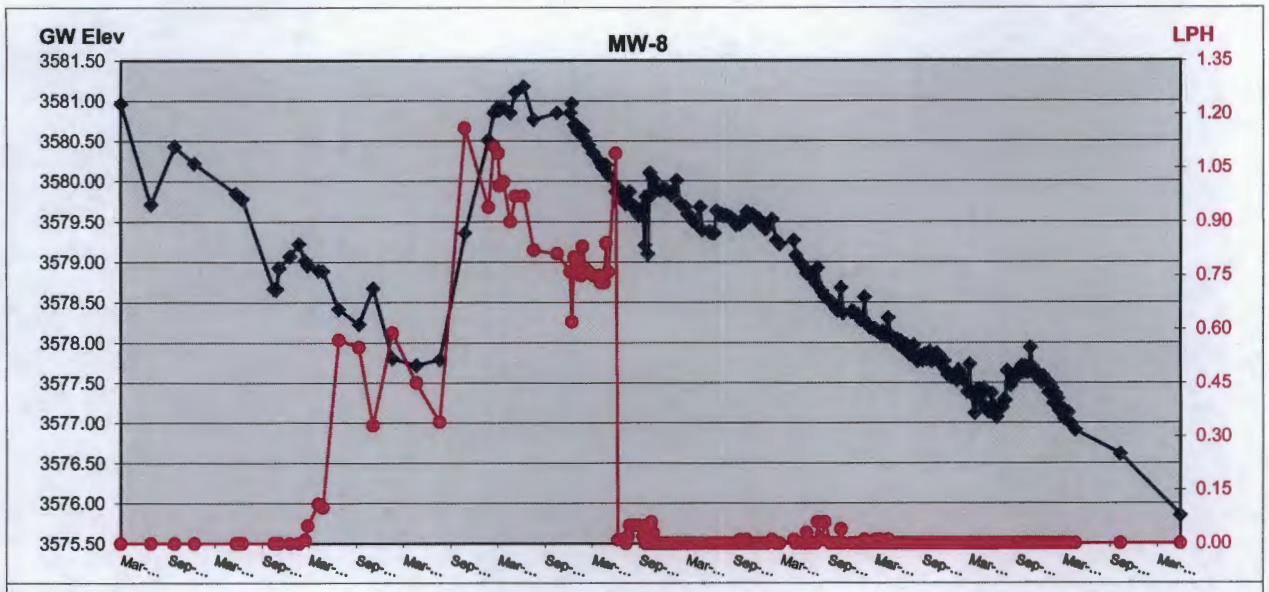

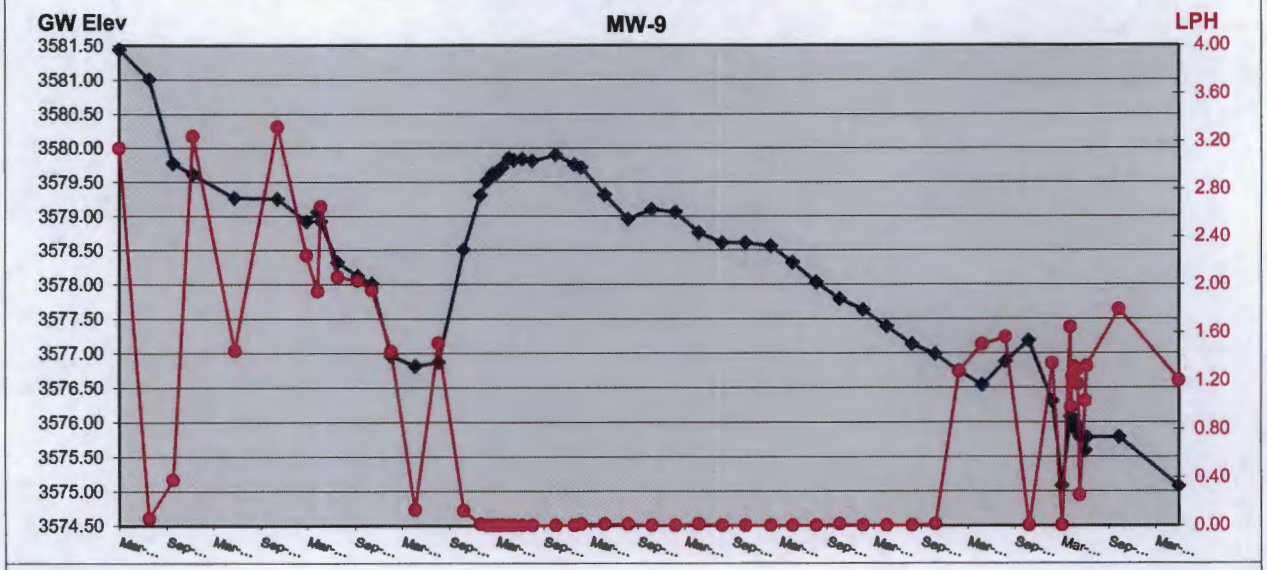

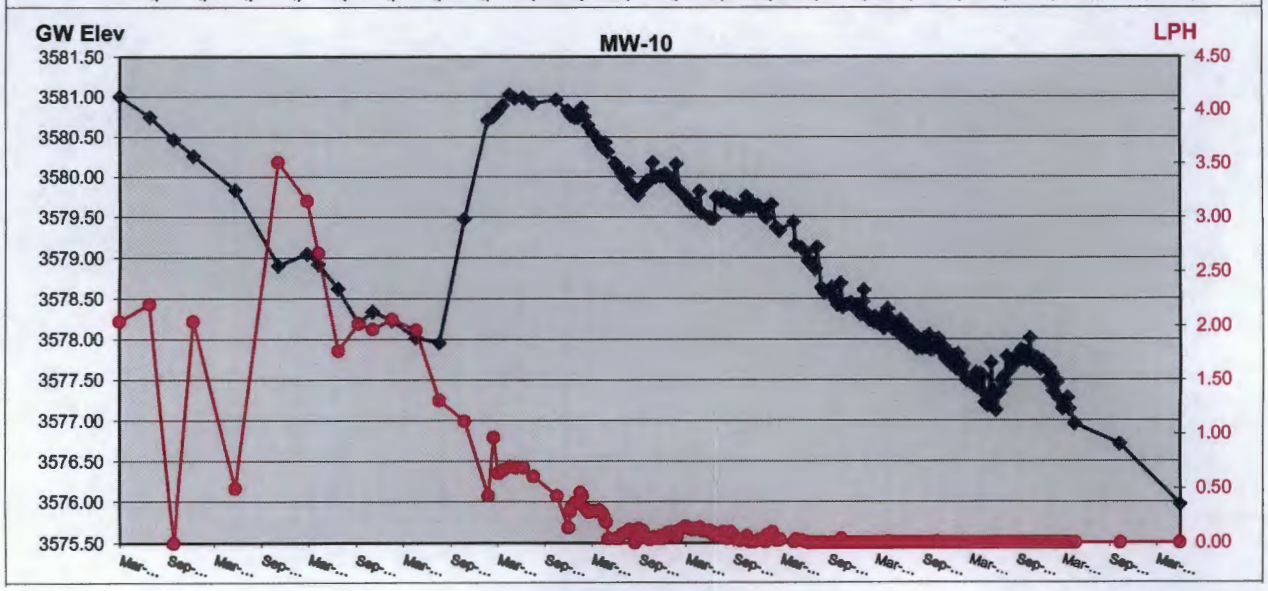

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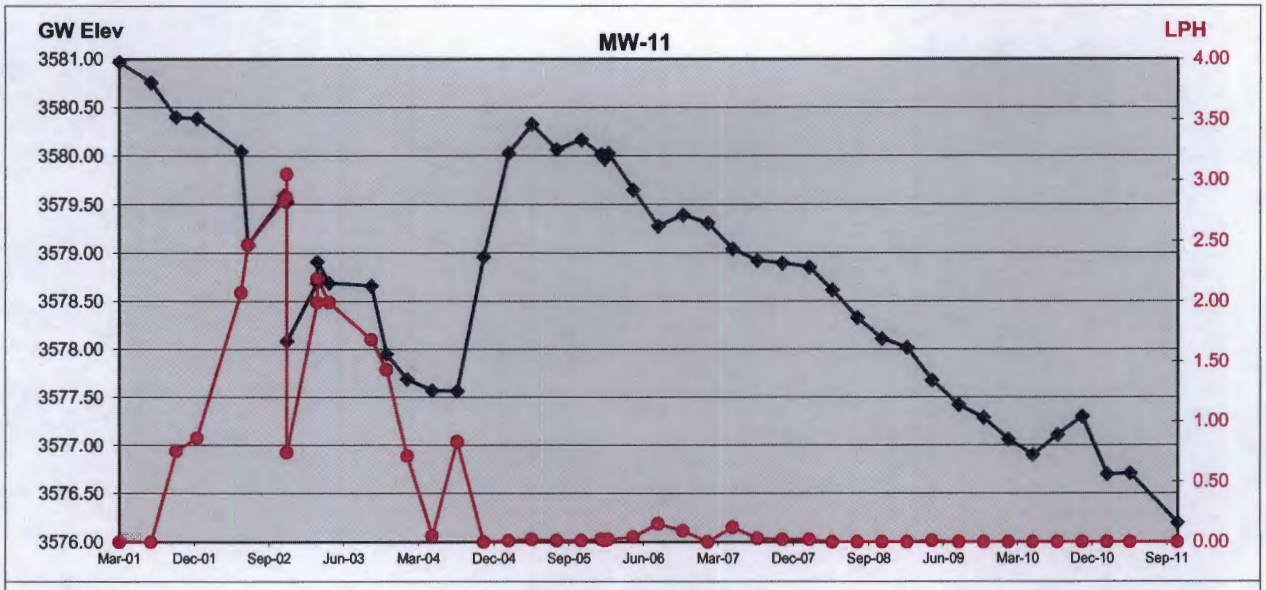

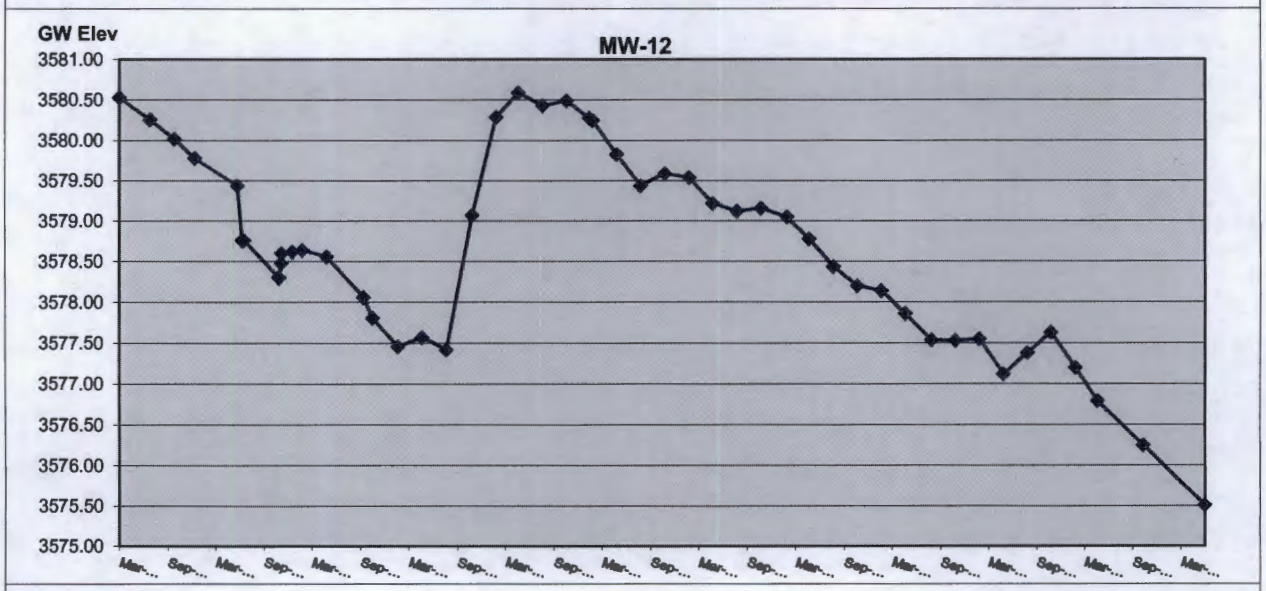

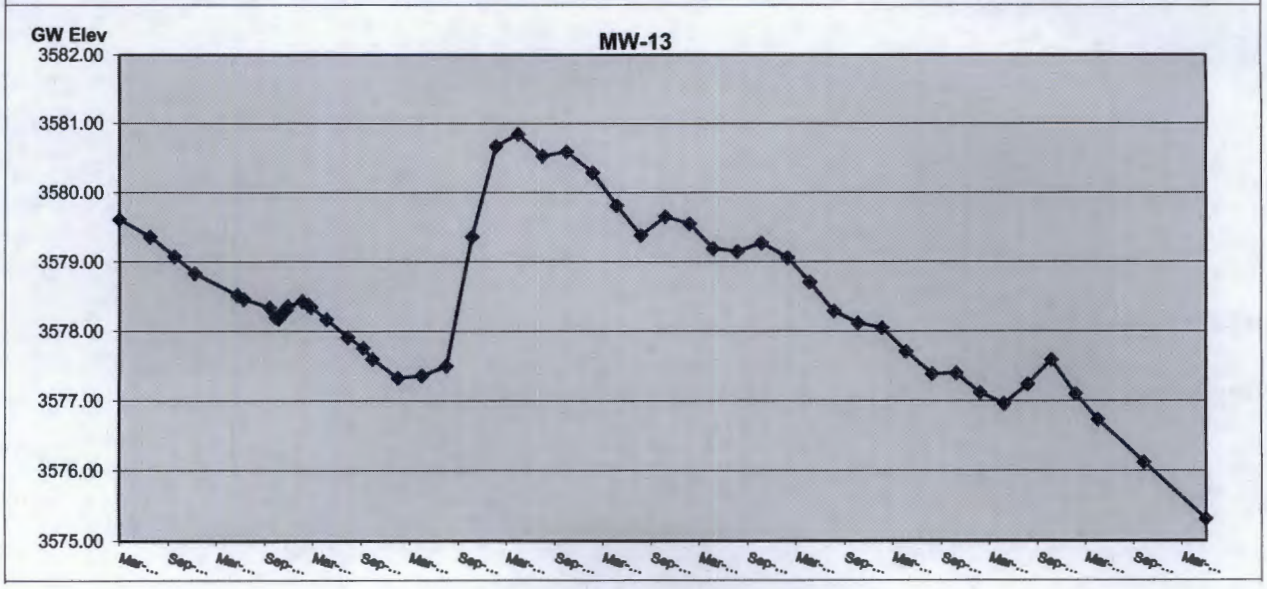

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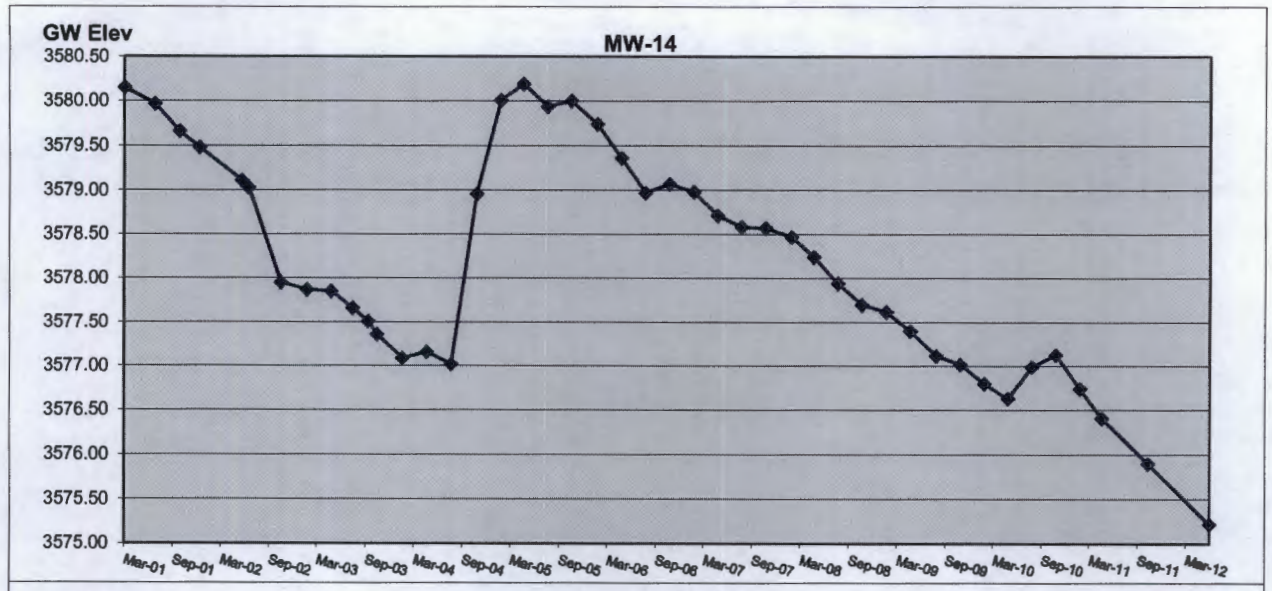

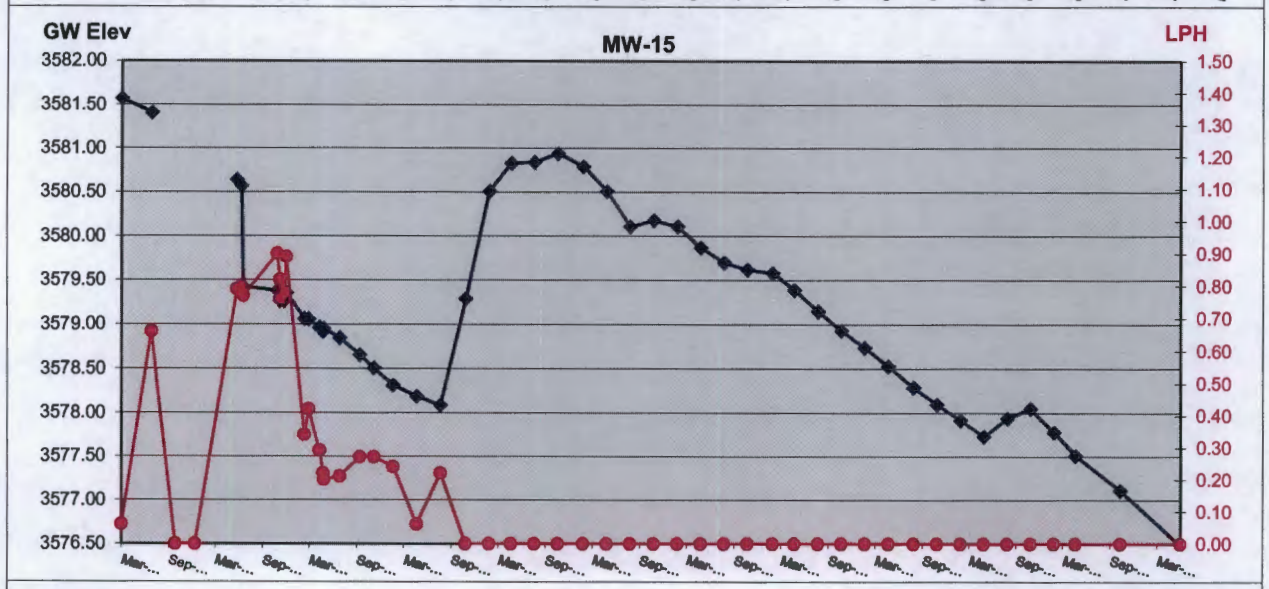

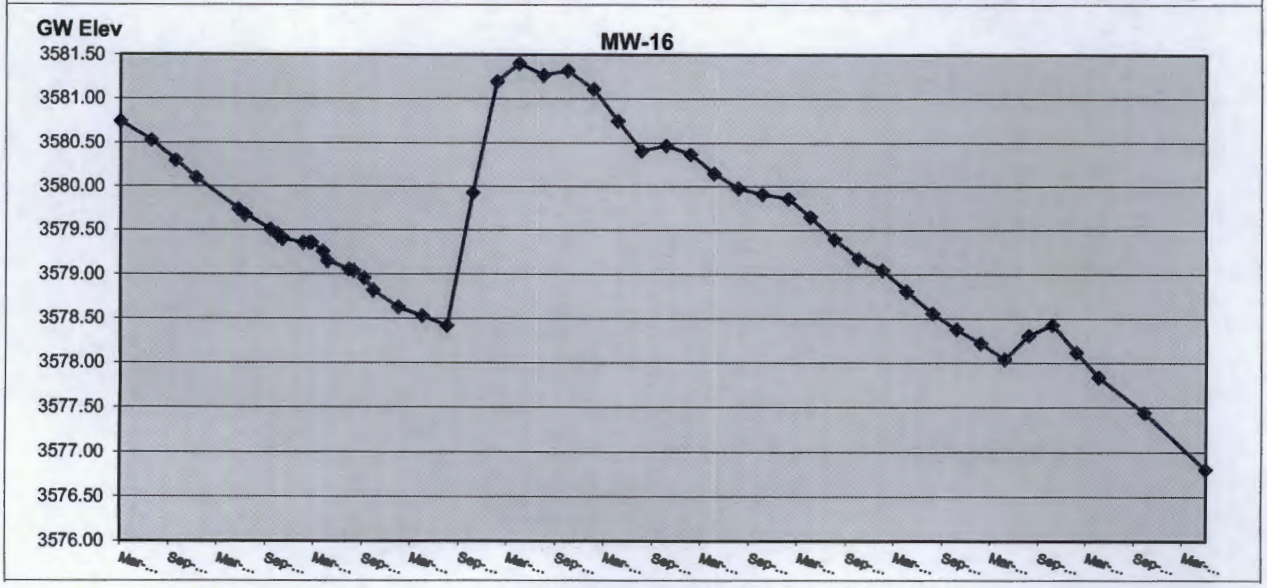

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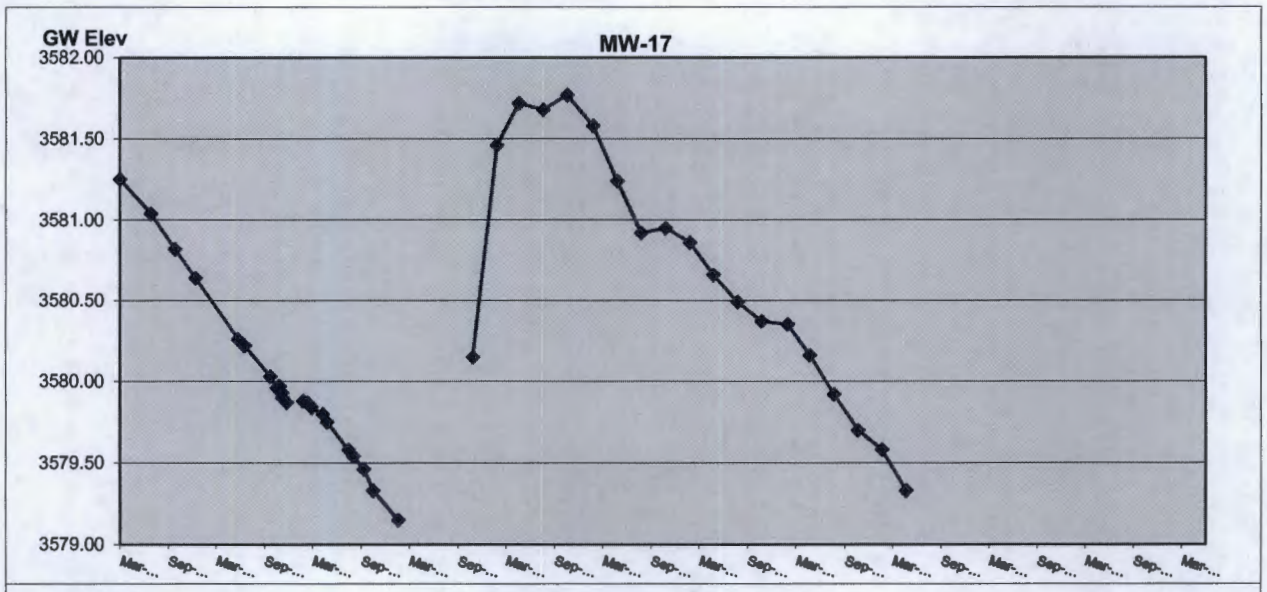

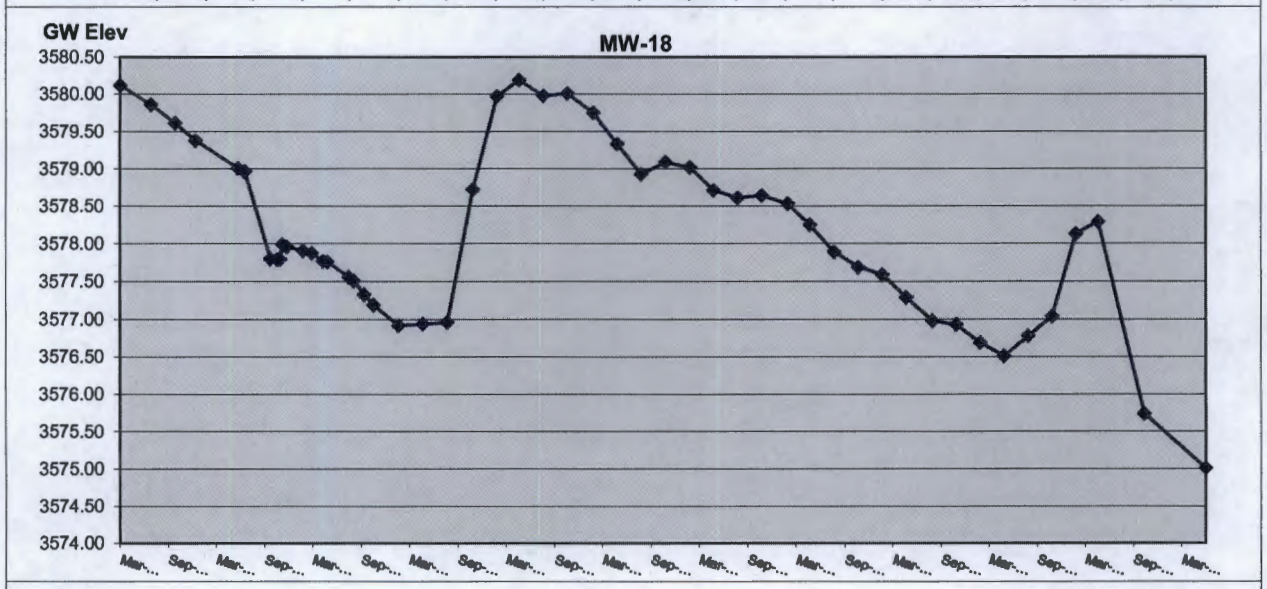

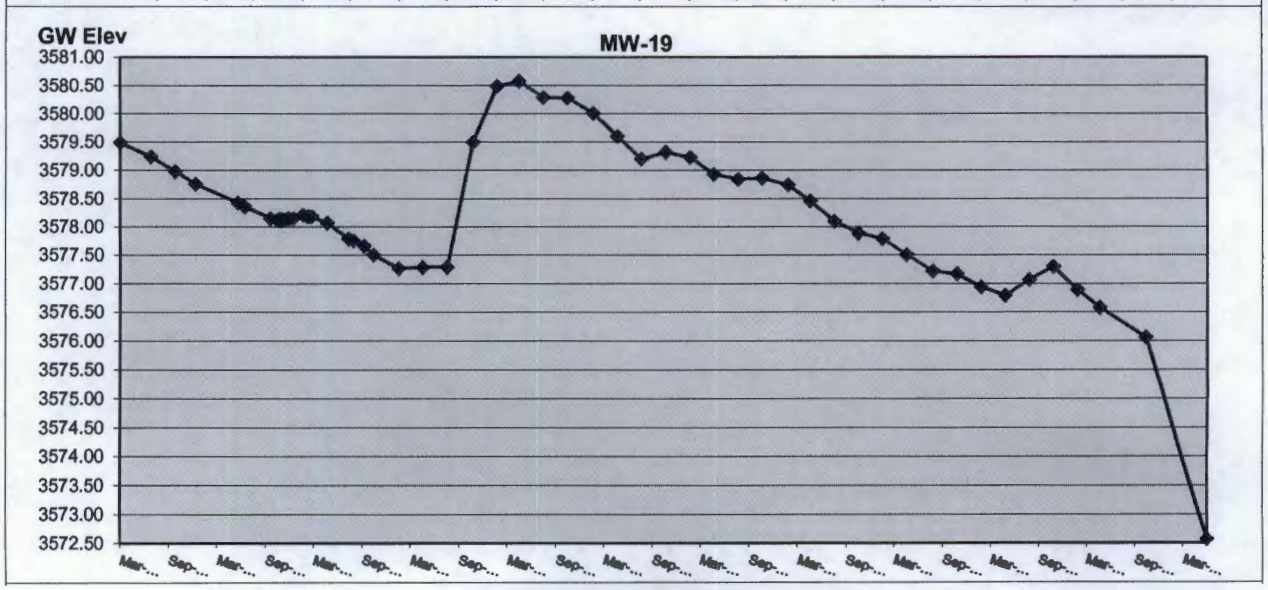

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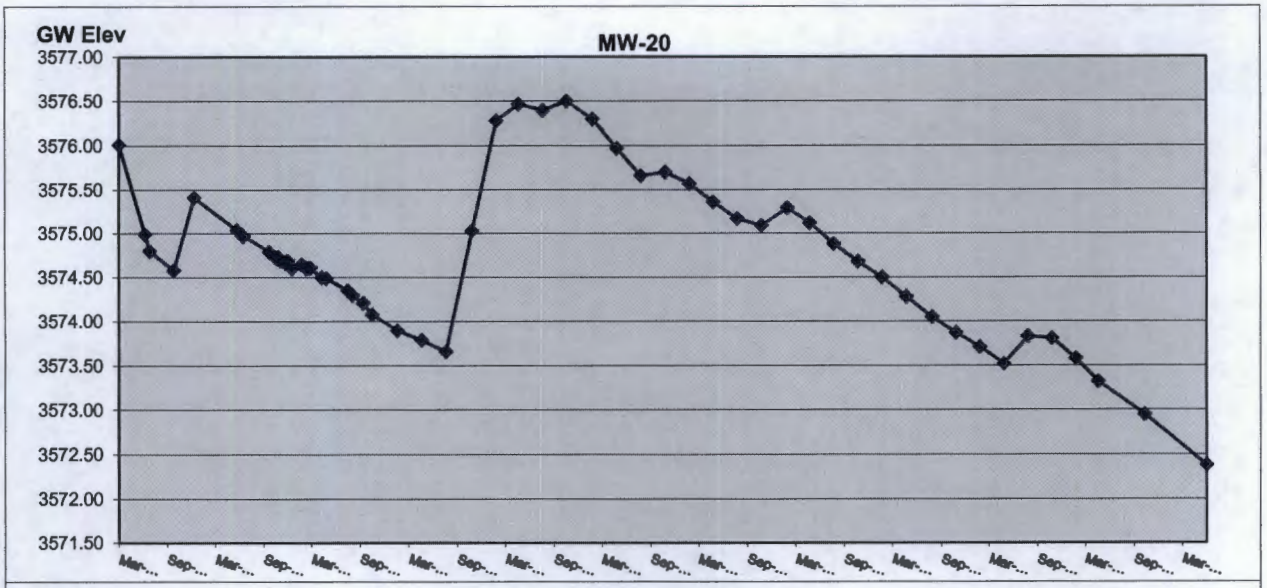

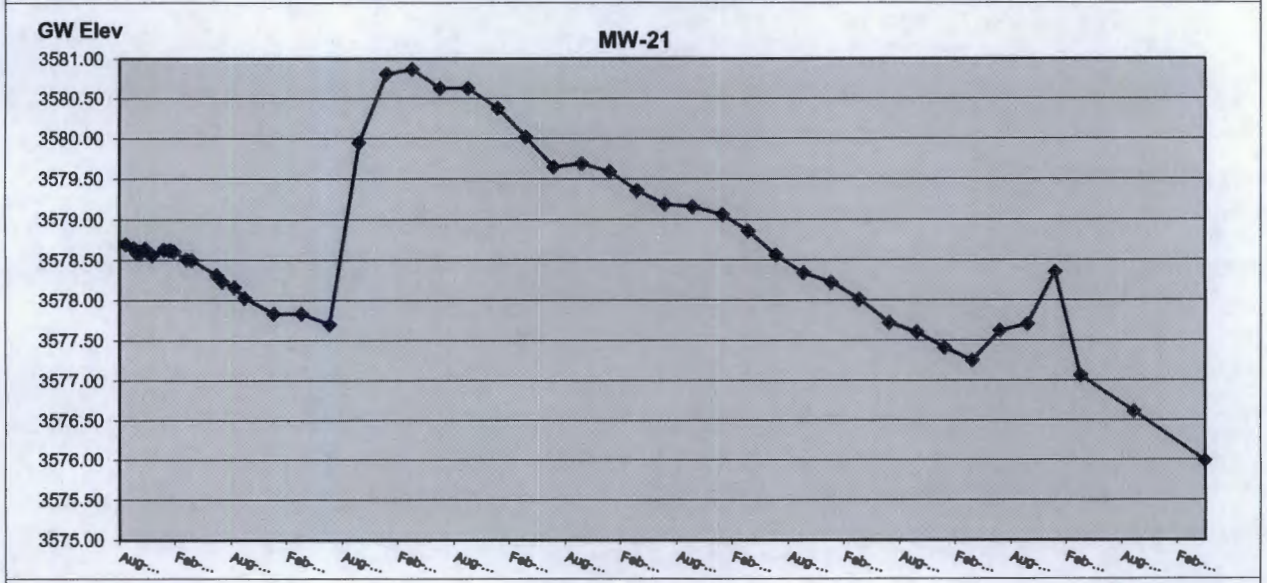

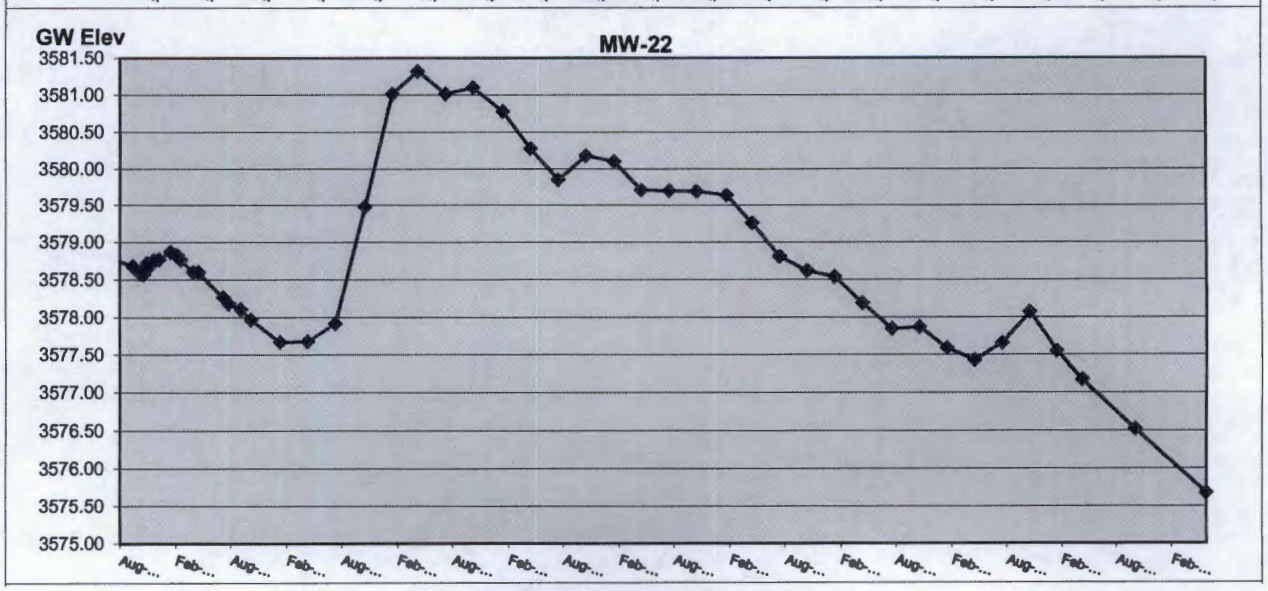

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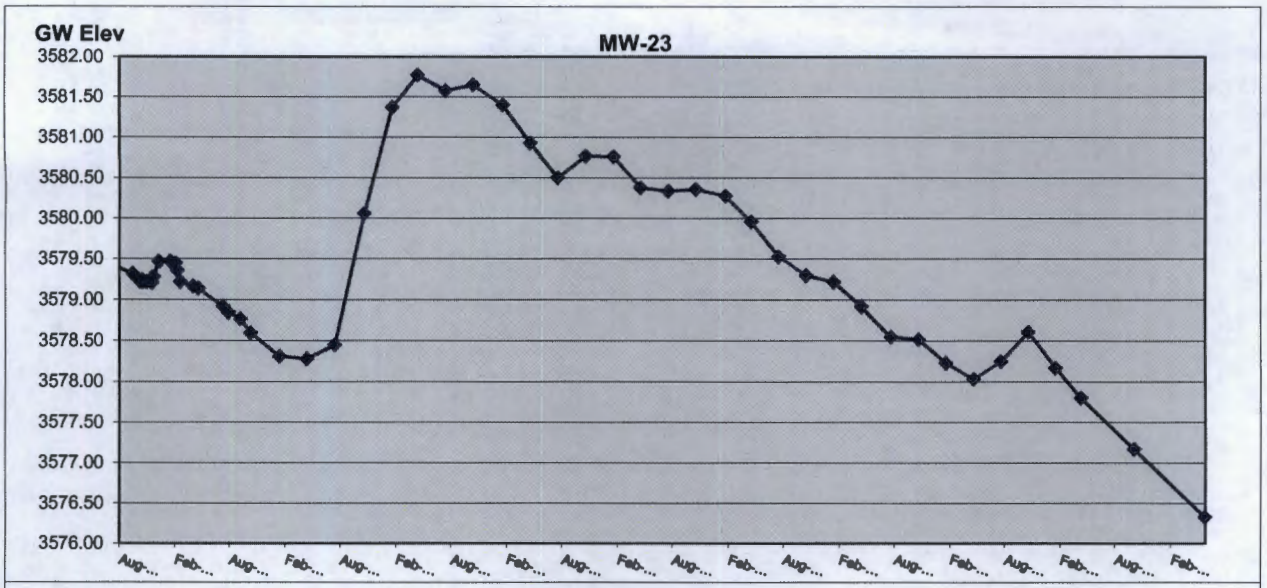

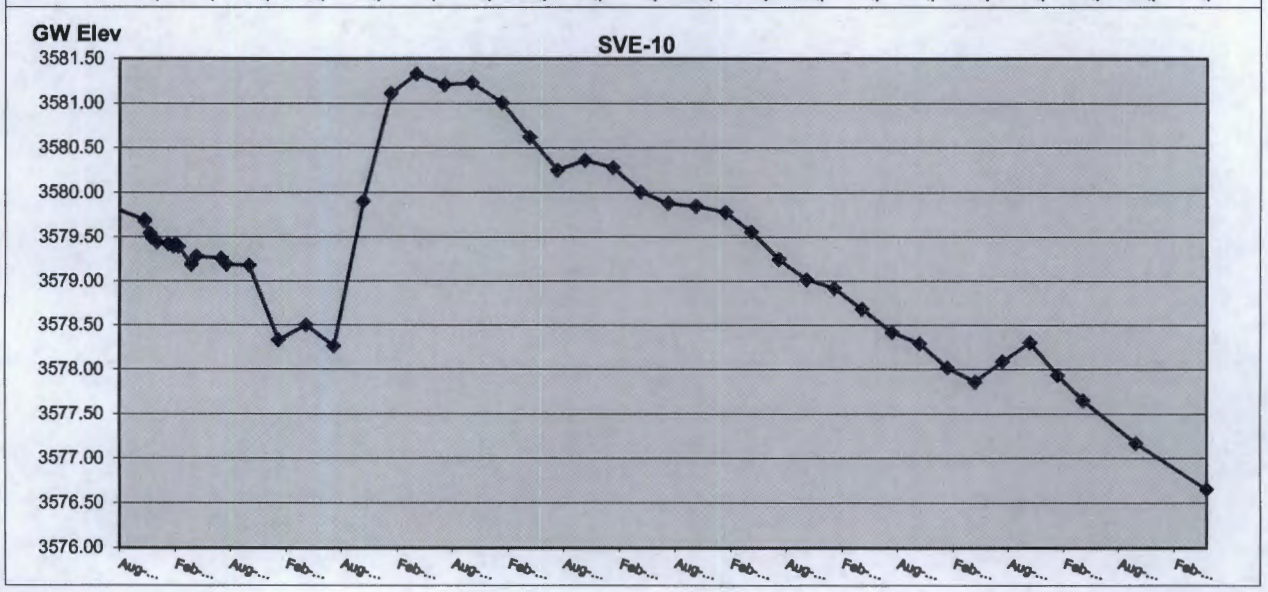

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