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Annual GW Mon. REPORTS

DATE: 2007



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ENVIRONMENTAL CONSULTING
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8" MOORE TO JAL #2 NMOCD # 1R-0381 2007 ANNUAL GROUNDWATER MONITORING REPORT LEA COUNTY, NEW MEXICO PLAINS SRS #2002-10273

NW1/4 of the SE1/4 of Section 16, Township 17 South, Range 37 East

Prepared for:

PLAINS MARKETING, L.P.

333 Clay Street Suite 1600 Houston, Texas 77002

Prepared by:

Talon/LPE

Shanna L. Smith 318 E. Taylor Street Hobbs, New Mexico 88240

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March 28, 2008

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March 28, 2008

Mr. Edward Hansen
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe. New Mexico 87505

Re:

Plains All American - Annual Monitoring Reports

6 Sites in Lea County, New Mexico

Dear Mr. Hansen,

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits our Annual Monitoring reports for the following sites:

CS Caylor Lovington Deep 6" Hobbs Junction Mainline Kimbrough Sweet 8" 8" Moore to Jal #1 8" Moore to Jal #2 Section 6, Township 17 South, Range 37 East, Lea County Section 6, Township 17 South, Range 36 East, Lea County Section 26, Township 18 South, Range 37 East, Lea County Section 3, Township 18 South, Range 37 East, Lea County Section 16, Township 17 South, Range 37 East, Lea County Section 16, Township 17 South, Range 37 East, Lea County

Talon LPE prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed Talon in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

If you have any questions or require further information, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds
Remediation Coordinator

Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

8" Moore to Jal #2 2007 Annual Groundwater Monitoring Report

Plains Marketing, L.P. Houston, Texas

Talon/LPE PROJECT NO. PLAINS008SPL

Prepared by:

Shanna L. Smith

Project Manager

Reviewed by:

Kyle Waggoner

Regional Manager

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4 6-3

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Camille Reynolds	Remediation Coordinator	Plains All American Pipeline	3112 West U.S. Hwy 82 Lovington, NM 88260	cjreynolds@paalp.com
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NMOCD – New Mexico Oil Conservation Division NMSLO – New Mexico State Land Office

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ANNUAL GROUNDWATER MONITORING REPORT

1.0 Introduction

The 8" Moore to Jal #2 release site is located approximately 9.2 miles southeast of Lovington, in Lea County, New Mexico. The site is located within the West Lovington Oil Field on property owned by the State of New Mexico. No residences or surface water bodies are located within a 1,000-foot radius of the facility.

In October 2002, a release of approximately 25 barrels occurred from a Plains Pipeline, L.P. (Plains) pipeline at this location. Approximately six thousand square feet of surface area were impacted by the release. Surficial soil saturated by the release was remediated onsite and remediation activities are summarized in the "Soil Closure Report" dated October 26, 2006.

Soil excavation and over-excavation activities were initiated in November 2002 and occurred intermittently until completion in August 2006. These activities are summarized in the "Soil Workplan Implementation Report/Closure Report", dated November 8, 2006.

In addition to the soil evaluation, Environmental Plus, Inc. initiated a subsurface investigation of the first water-bearing zone at the site by installing four monitor wells in the vicinity of the release (see Figure 1). The first monitor well (MW-1) was installed July 2004 and exhibited phase-separated hydrocarbons (PSH). The remaining three monitor wells (MW-2, MW-3, and MW-4) were installed during October 2004. Monitor wells MW-2 and MW-3 also exhibited PSH.

In November 2007, nine additional groundwater monitor wells were installed as proposed in the "Monitor Well Installation Workplan Moore to Jal #2", dated January 17, 2007. Talon/LPE installed additional monitor wells at the site to further evaluate the free-phase hydrocarbon plume as well as to further evaluate the dissolve-phase plume (see Figure 4). Of the nine wells installed, four of the wells (MW-5 through MW-7 and MW-9) exhibited PSH.

PSH recovery operations have been performed at the site since 2004. Approximately 1,516 gallons of PSH have been recovered to date.

2.0 Groundwater Gradient

Monitor wells were gauged weekly, prior to pumping, to determine the depth to groundwater and PSH thickness. Based on existing data, the groundwater gradient appears to be primarily toward the south as indicated in Figures 2a through 2d.

3.0 PSH Recovery

Recovery of the PSH present on the groundwater in the vicinity of the monitor well network was accomplished utilizing Monsoon Submersible Pumps manufactured by Proactive Environmental Products. As of December 31, 2007, the cumulative total of crude oil

recovered from the site is approximately 172 gallons (4 bbls). Recovered product was reintroduced into the Plains pipeline system at Lea Station.

4.0 Groundwater Sampling

Groundwater monitor well MW-4 was sampled on March 29, June 19, September 20 and December 28, 2007. During the sampling event of March 29, 2007, groundwater monitor well were sampled and submitted for quantification of benzene, toluene, ethylbenzene and total xylenes (BTEX) utilizing SW-846 Method 8021B and for quantification of polycyclic aromatic hydrocarbons PAH) using EPA/SW-846 Methods 610 and 8270C. Groundwater monitor wells MW-8 and MW-13 were sampled on December 18, 2007 and groundwater monitor wells MW-10 through MW-12 were sampled on December 19, 2007. During the sampling events of June 19, September 20, and December 18, 19, and 28, groundwater monitor wells MW-4, MW-8, MW-10 through MW-13 were sampled and submitted for quantification of BTEX by SW-846 Method 8021B.

Monitor wells MW-1 through MW-3, MW-5 through MW-7, and MW-9 were not sampled in 2007 due to the presence of PSH.

5.0 Groundwater Analytical Results

Groundwater analytical data from this site was compared to the New Mexico Water Quality Control Commission (NMWQCC) groundwater standards. The following paragraphs provide summaries of the analytical results from each groundwater sampling event of 2007. Analytical results for the four sampling events are summarized in Table 2 (BTEX) and Figures 3a through 3d. Laboratory data sheets are included as Appendix C.

New Mexico Water Quality Control Commission (NMWQCC) groundwater standards

Compound	mg/L
Benzene	0.010
Toluene	0.750
Ethylbenzene	0.750
Total Xylenes	0.620

March 27, 2007

Analytical results for the sample collected from groundwater monitor well MW-4 on March 29, 2007 indicate that the BTEX constituents were detected above the laboratory reporting limits. The benzene concentration (7.18 mg/L) exceeded the NMWQCC groundwater standard limit of 0.010 mg/L. In addition, analytical results for the sample collected from groundwater monitor well MW-4 also exhibited the PAH compound naphthalene (0.042 mg/L) at concentrations above the NMQCC standard limit of 0.030 mg/L. Monitor wells MW-1, MW-2 and MW-3 were not sampled due to presence of PSH (see Figure 4a).

June 19, 2007

Analytical results from the June 19, 2007 sampling event indicate that BTEX constituents were detected above the laboratory reporting limits in monitor well MW-4. These BTEX constituent concentrations exceeded the NMWQCC groundwater standard for benzene (16.85 mg/L), toluene (0.7600 mg/L), ethylbenzene (0.7990 mg/L) and total xylenes (0.7650 mg/L). Monitor wells MW-1, MW-2 and MW-3 were not sampled due to the presence of PSH (see Figure 4b).

September 20, 2007

Analytical results from the September 20, 2007 sampling event indicate that BTEX constituents were detected above the laboratory reporting limits in monitor well MW-4. These BTEX constituent concentrations exceeded the NMWQCC groundwater standard for benzene (17.21 mg/L) and total xylenes (0.7050 mg/L). Monitor wells MW-1, MW-2 and MW-3 were not sampled due to the presence of PSH (see Figure 4c).

December 18, 19, and 28, 2007

Analytical results from the December 18, 19, and 28, 2007 sampling events indicate that BTEX constituents were detected above the laboratory reporting limits in monitor wells MW-4, MW-8, and MW-11. These BTEX constituent concentrations exceeded the NMWQCC groundwater standards in monitor wells MW-4 (benzene at 20.6 mg/L, toluene a 0.912 mg/L, ethylbenzene at 0.856 mg/L, and total xylenes at 1.50 mg/L), MW-8 (benzene at 0.660 mg/L), and MW-11 (benzene at 0.0180 mg/L). Analytical results indicate that BTEX constituents were not detected above laboratory reporting limits in monitor wells MW-10, MW-12, and MW-13.

Monitor wells MW-1 through MW-3, MW-5 through MW-7, and MW-9 were not sampled during the December sampling event due to the presence of PSH (see Figure 3d).

6.0 Recommendations

Based on field monitoring and analytical results collected during 2007, the following changes are recommended for the site:

- 1) Continue to monitor the system on a weekly basis to record groundwater and PSH levels and recover PSH from the existing groundwater monitoring network.
- 2) Based on the weekly gauging of monitor wells, propose the installation of an automated recovery system to achieve more efficient PSH recovery.
- 3) Monitor wells MW-4, MW-8, and MW-10 through MW-13 will be sampled and analyzed for BTEX quarterly and PAH's annually.
- 4) Monitor wells MW-1 through MW-3, MW-5 through MW-7, and MW-9 will be added to the quarterly sampling/analysis schedule when PSH is no longer present in

- each well. Pursuant to the request of the NMOCD, Plains will collect a discrete sample below the PSH in the water table from these wells on a yearly basis to evaluate BTEX, TPH, and PAH concentrations in the groundwater.
- 5) Assess the need for additional monitor wells in order to address down-gradient delineation of the dissolve-phase plume by evaluating the weekly gauging of the monitor wells, as well as the quarterly groundwater sampling.
- 6) A Stage 1 & 2 Abatement Plan will be submitted to the NMOCD by April 30, 2008

Appendix A Drawings

Figure 1 – Site Plan

Figure 2a – Groundwater Gradient Map (03/27/2007)

Figure 2b – Groundwater Gradient Map (06/19/2007)

Figure 2c – Groundwater Gradient Map (09/20/2007)

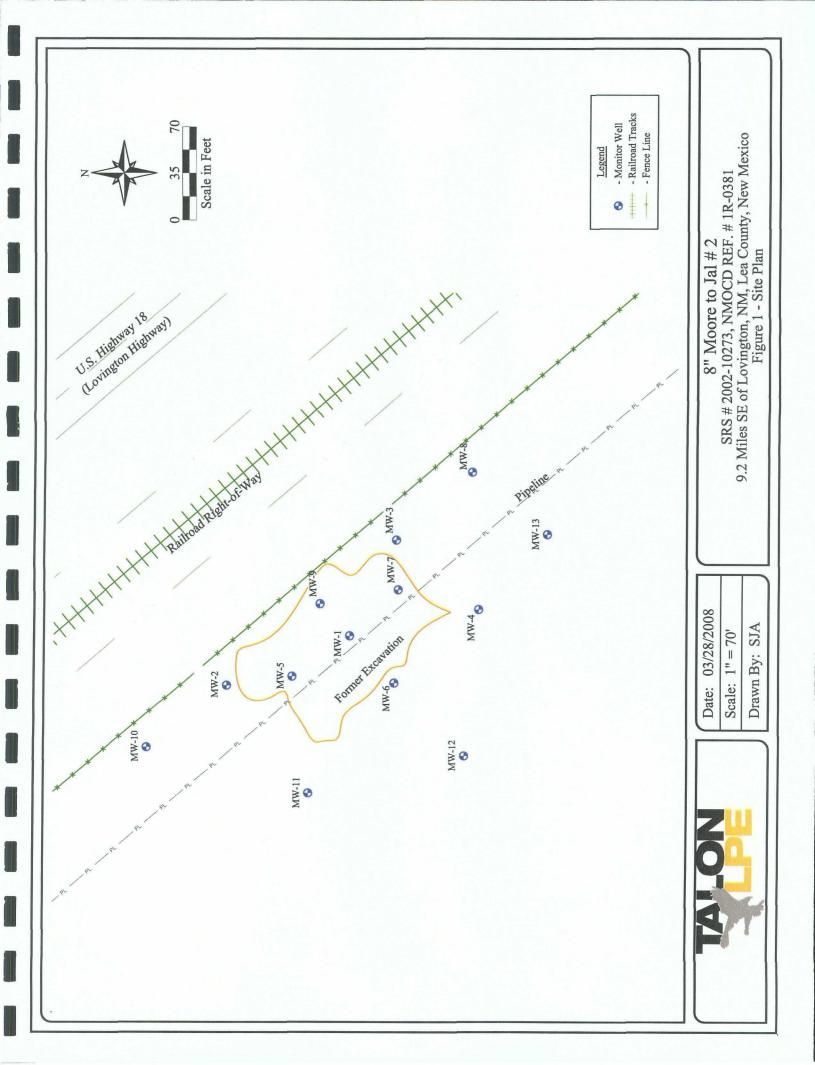
Figure 2d – Groundwater Gradient Map (12/17/2007)

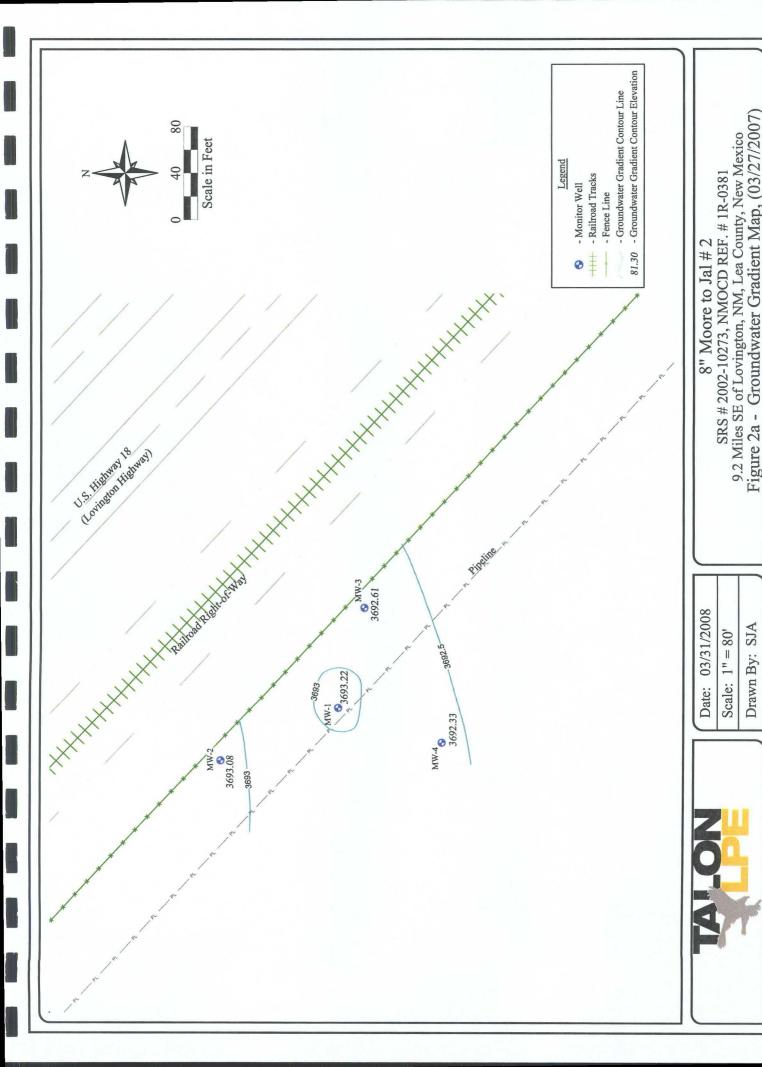
Figure 3a – PSH Thickness & Groundwater Concentration Map (03/27/2007)

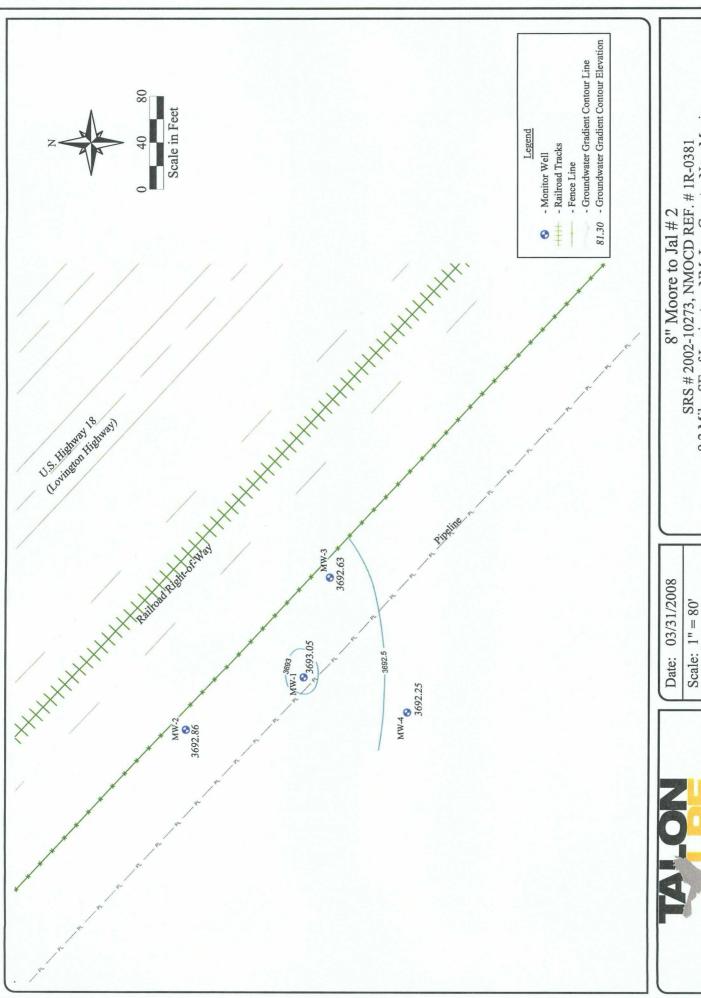
Figure 3b – PSH Thickness & Groundwater Concentration Map (06/19/2007)

Figure 3c – PSH Thickness & Groundwater Concentration Map (09/20/2007)

Figure 3d – PSH Thickness & Groundwater Concentration Map (12/17/2007)

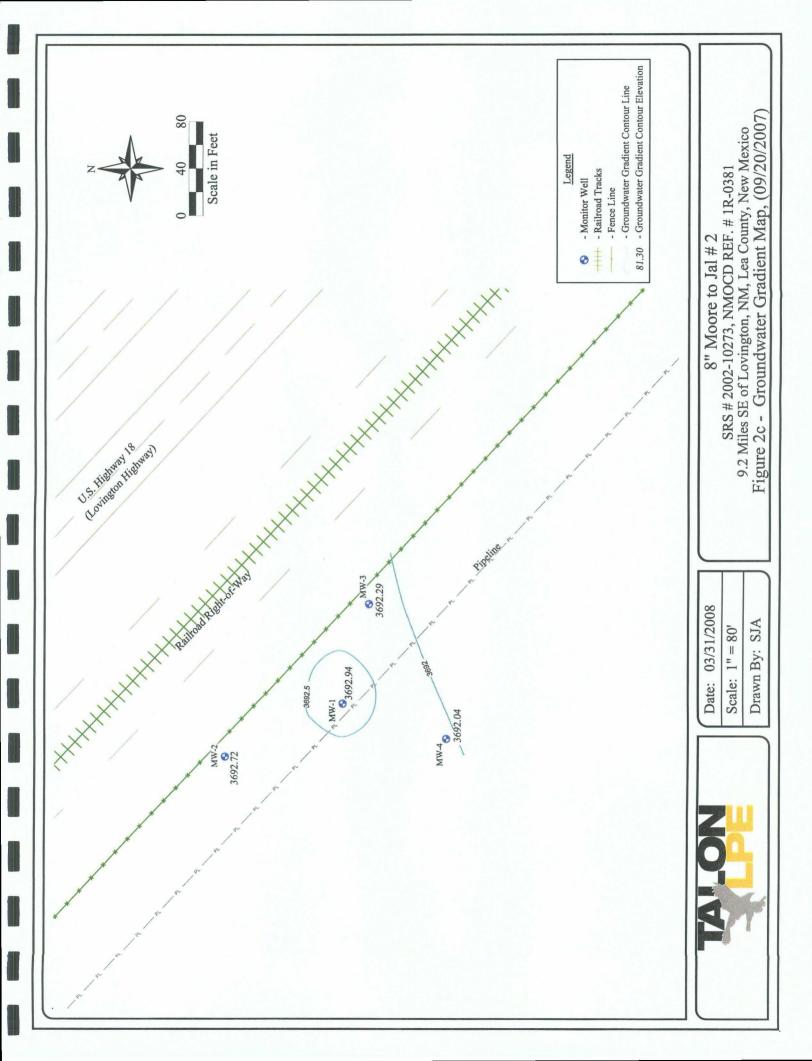


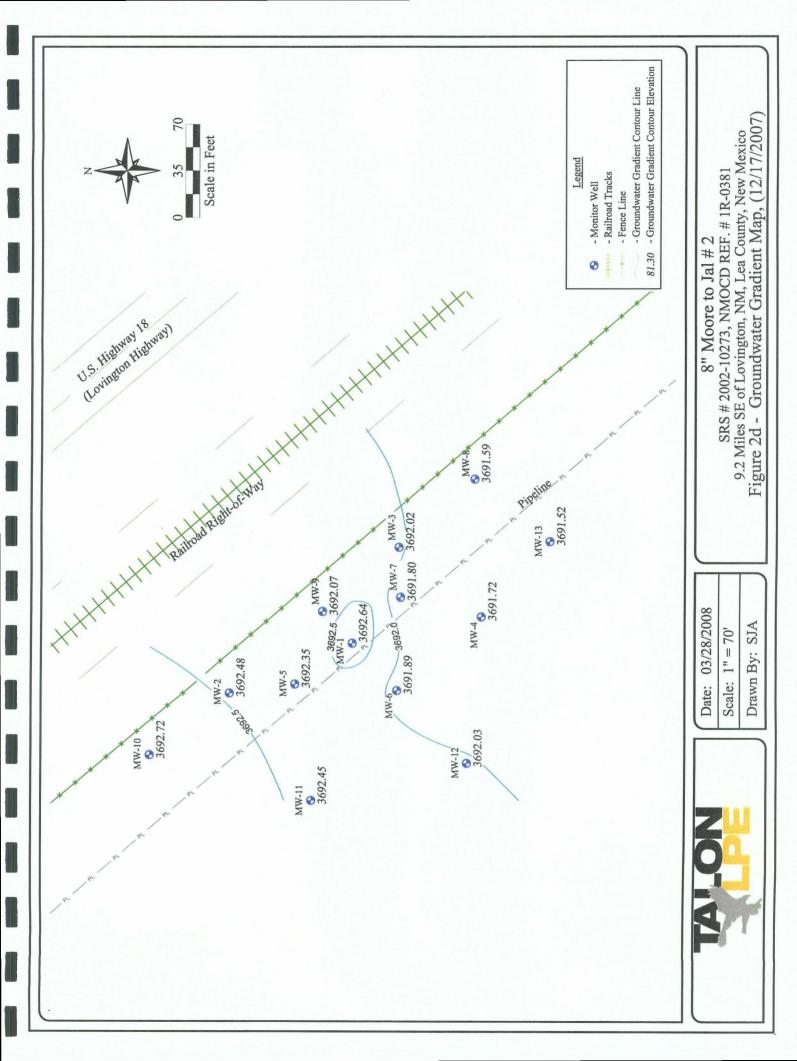


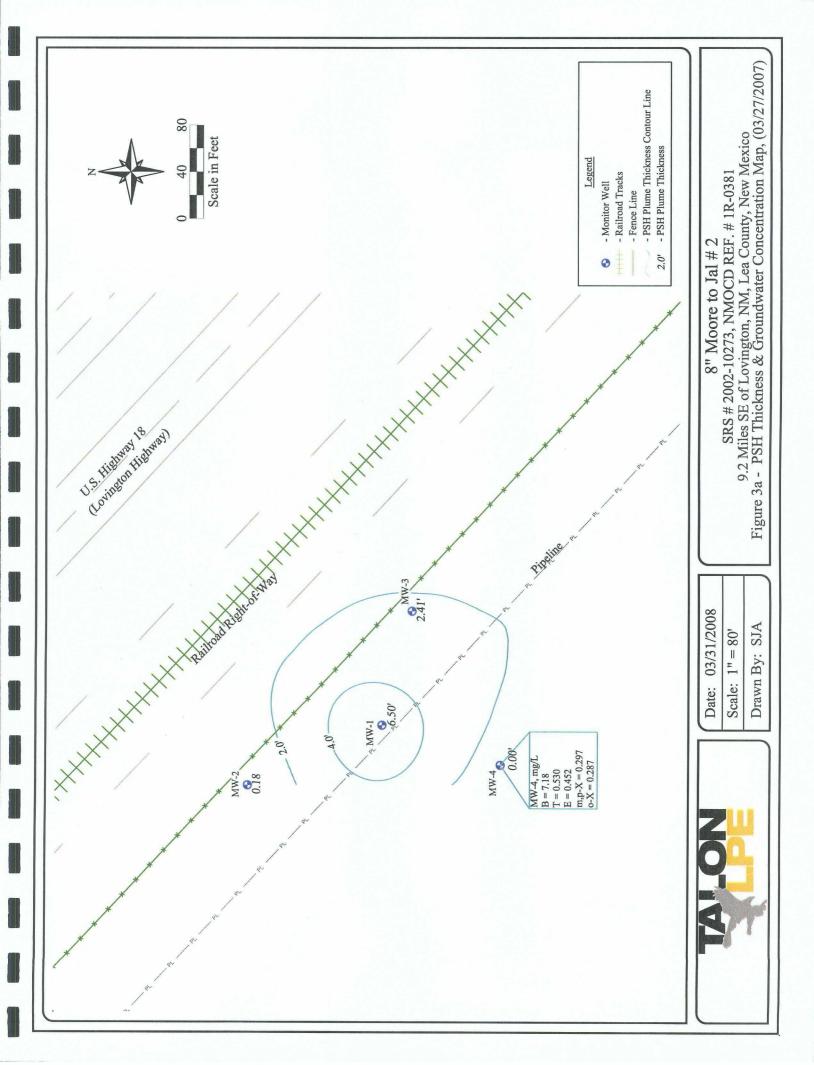


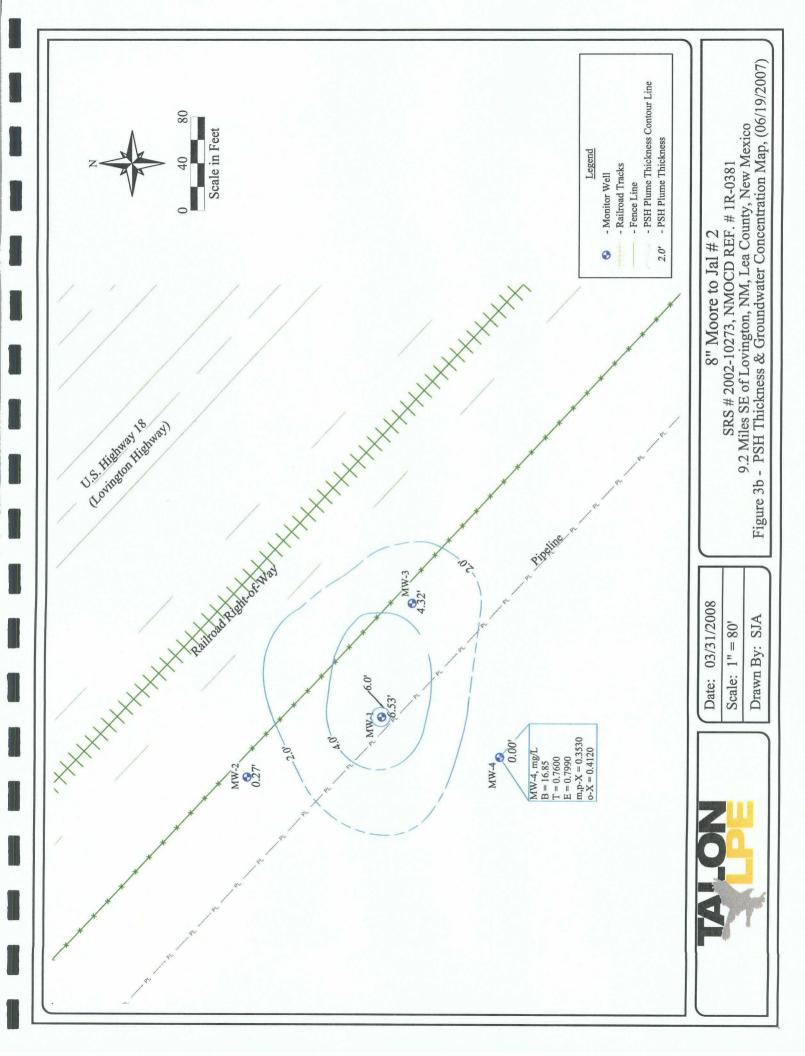
9.2 Miles SE of Lovington, NM, Lea County, New Mexico Figure 2b - Groundwater Gradient Map, (06/19/2007) SRS # 2002-10273, NMOCD REF. # 1R-0381

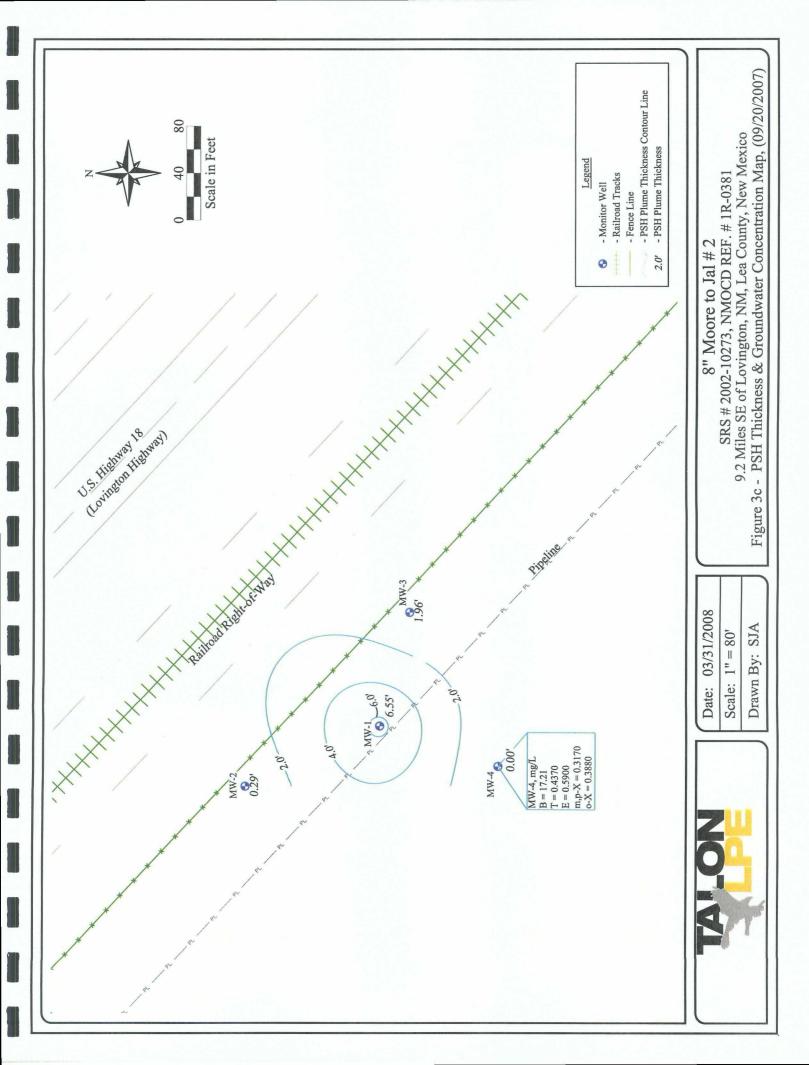
Drawn By: SJA

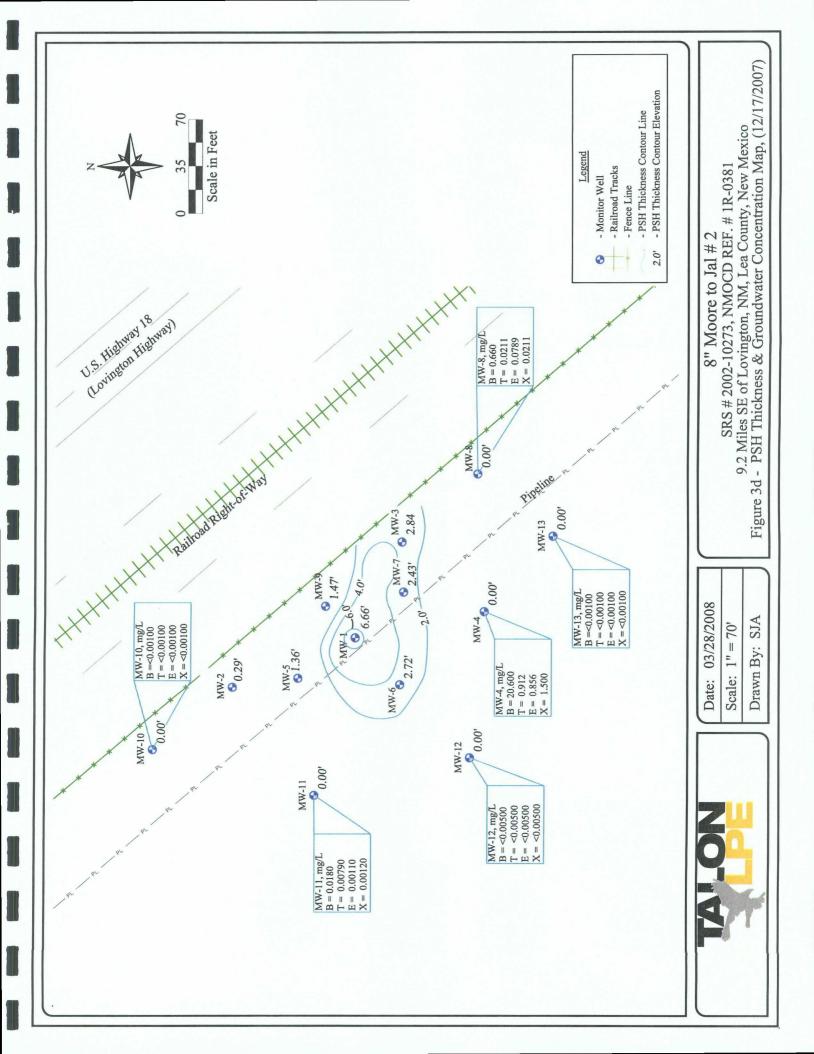












APPENDIX B

Tables

- Table 1 Summary of PSH Thickness & Gauging Measurements
- Table 3 Summary of Groundwater Analytical Results
- Table 4 Summary of Polycyclic-Aromatic Hydrocarbons Analytical Results



			Death to DCH	December Works	Adio		To No.	PSH
WELLID	DATE GAUGED	Relative Top of Casing Elevation (Feet)*	Below Top of Casing (Feet)	Below Top of Casing (Feet)	Potentiometric Surface (Feet)*	PSH THICKNESS (#)	Recovered (qallons)	Recovery (qallons)
MW-1	07/28/04	3767.30	59.01	80.69	3708.28	0.07	0.00	0.00
	09/23/04	3767.30	72.37	79.68	3694.05	7.31	00:00	00:00
	10/08/04	3767.30	72.19	75.79	3694.68	3.60	4.50	4.50
	10/14/04	3767.30	71.76	78.56	3694.72	6.80	9:00	13.50
	10/20/04	3/6/.30	71.80	78.95	3694.64	7.15	10.00	23.50
	11/04/04	3767.30	77.88	70.26	3594.54	7.32	00.7	30.50
	11/10/04	3767.30	22.08	79.20	3694.43	7.24	18.00	48.50
	11/17/04	3767.30	72.12	79.33	3694.31	7.21	0001	99.20
	11/24/04	3767.30	72.22	79.41	3694.22	7.19	006	78.50
	12/02/04	3767.30	72.18	79.31	3694.26	7.13	8.00	86.50
	12/08/04	3767.30	72.06	79.14	3694.39	7.08	8.00	94.50
	12/15/04	3767.30	72.09	79.15	3694.36	2.06	9.00	103.50
	12/27/04	3767.30	72.26	79.34	3694.19	7.08	9:00	112.50
	12/23/04	3/6/.30	72.35	78.84	3694.17	6.49	9.00	121.50
	90/90/10	3/6/.30	12.27	79.32	3694.18	7.05	00.6	130.50
	00/13/00	3/6/.30	70.07	79.34	3694.15	20.7	10:00	140.50
	01/13/02	3/6/.30	16.31	79.37	3694.14	90./	00.6	149.50
	50/60/60	3767 30	72.34	70.95	3034.11	50.2	0.00	159.50
	50/60/20	3767.30	72.38	79.39	3694.14	5.5	200	178 50
	02/16/05	376730	72.35	79.34	3694 11	8	8.2	187.50
	02/24/05	3767.30	72.37	79.38	3694.09	7.01	86	196.50
	03/03/06	3767.30	72.42	79.40	3694.04	86.9	006	206.50
	03/11/05	3767.30	72.29	79.25	3694.17	969	10.00	215.50
	03/18/05	3767.30	72.41	79.32	3694.06	6.91	006	224.50
	03/31/05	3767.30	72.42	79.34	3694.05	6.92	00.6	233.50
	04/07/05	3767.30	72.47	79.38	3694.00	6.91	8.00	241.50
	05/18/05	3767.30	72.49	79.40	3693.98	6.91	14.00	255.50
	05/23/05	3767.30	72.53	79.40	3693.95	6.87	8.00	263.50
	05/26/05	3767.30	72.56	79.34	3693.93	6.78	8.00	271.50
	06/01/05	3767.30	72.55	79.40	3693.93	6.85	8:00	279.50
	90/03/05	3767.30	72.59	79.20	3693.92	6.61	7.00	286.50
	96/07/05	3767.30	72.56	79.39	3693.92	6.83	7.00	293.50
	06/10/05	3767.30	72.55	79.35	3693.93	6.80	2.00	300.50
Ī	96/13/05	3767.30	72.58	79.53	3693.89	6.96	00.6	309.50
	50/06/90	3767 30	72.50	79.31	3030.91	0.73	38	315.50
	06/22/05	3767.30	22.66	79.27	3693.85	6.60	3 8	331 50
	06/29/05	3767.30	72.61	79.42	3693,87	6.81	808	339.50
	07/01/05	3767.30	72.62	79.28	3693.88	999	88	347.50
	90/90/20	3767.30	72.64	79.44	3693.84	6.80	00.6	356.50
	90/90/20	3767.30	71.69	79.33	3694.69	7.64	8.00	364.50
	02/12/06	3767.30	72.68	79.48	3693.80	6.80	10.00	374.50
	07/14/05	3767.30	72.69	79.35	3693.81	99:9	8.00	382.50
	02/19/05	3767.30	72.68	79.49	3693.80	6.81	10.00	392.50
	07/21/05	3767.30	72.73	79.37	3693.77	6.64	10.00	402.50
	07/26/05	3767.30	72.73	79.74	3693.73	7.01	10.00	412.50
	07/28/05	3767.30	72.75	79.42	3693.75	6.67	10.00	422.50
	90/20/80	3/6/.30	72.75	79.55	3633.73	6.80	10.00	432.50
	08/04/09	3767.30	72.79	79.45	3693.71	99'9	10.00	442.50





60

		Relative Ton of Casino	Depth to PSH	Depth to Water	Adjusted	, , , , , , , , , , , , , , , , , , ,	PSH Volume	Cummulative
WELL ID	DATE GAUGED	Elevation (Feet)*	Casing (Feet)	Casing (Feet)	Surface (Feet)*	THICKNESS (ft)	(gallons)	(gallons)
MW-1	90/60/80	3767.30	72.77	79.56	3693.72	6.79	10.00	452.50
	08/11/05	3767.30	72.81	79.46	3693.69	6.65	10.00	462.50
	08/16/05	3767.30	72.79	79.60	3693.69	6.81	10.00	472.50
	08/18/05	3767.30	72.81	79.47	3693.69	99:9	10.00	482.50
	08/24/05	3767.30	72.82	79.64	3693.66	6.82	10.00	492.50
	08/26/05	3/6/.30	72.85	79.52	3693.65	6.67	10.00	502.50
	08/30/09	3/6/.30	72.83	79.63	3693.65	6.80	10.00	512.50
	SOLOGO SOLOGO	3/6/.30	12.83	79.43	3693.68	9.60	10.00	522.50
	90/90/00	3/6/30	72.78	79.58	3693.70	6.80	00.6	531.50
	20/00/00	3/0/.30	78.87	79.43	3693.68	23.0	00:01	541.50
	00/15/05	3/6/.30	72.81	79.62	3693.67	6.81	10:00	551.50
ŀ	50/0/00	3/6/.30	77.05	79.08	3693.60	6.74	30.6	560.50
	09/23/05	376730	72 88	79.62	3603.64	0.77	900	5/0.50
	09/27/05	3767.30	72.88	79.65	3603.61	677	8 9	290.30
	09/29/05	3767.30	72.91	79.67	3693 59	999	38	230.30
	10/04/05	3767.30	72.91	79.70	3693,58	6.79	00.6	609.50
	10/06/05	3767.30	72.94	79.01	3693.63	6.07	00.6	618.50
	10/11/05	3767.30	72.93	79.71	3693.56	6.78	10.00	628.50
	10/13/05	3767.30	72.95	79.65	3693.55	6.70	10.00	638.50
	10/18/05	3767.30	72.94	79.74	3693.54	6.80	9.00	647.50
	10/21/05	3767.30	72.99	79.76	3693.50	6.77	11.00	658.50
	10/26/05	3767.30	72.96	79.77	3693.52	6.81	10.00	668.50
	10/28/05	3767.30	72.99	79.69	3693.51	6.70	00.6	677.50
	11/01/05	3767.30	73.02	79.80	3693.47	6.78	9:00	686.50
	11/04/05	3767.30	73.03	79.81	3693.46	6.78	7.00	693.50
	CO/SO/LI	3/6/.30	73.06	79.86	3693.42	6.80	10.00	703.50
	90/11/11	3/6/.30	73.08	79.87	3693.41	6.79	9.00	712.50
	90/01/11	3/6/.30	3.03	79.87	3693.40	6.78	9.00	721.50
	GD/8L/11	3/6/.30	79.01	79.76	3693.48	6.75	00.6	730.50
	11/22/05	3/6/.30	3.09	79.88	3693.40	6.79	00.6	739.50
	11/30/05	3767.30	73.11	79.07	3693.47	909	10.00	749.50
	12/06/05	376730	73.45	70.00	3500.00	0.00	3 8	759.50
	12/14/05	3767.30	73.14	79.91	3693.35	677	800	778 50
	12/16/05	3767.30	73.19	79.79	3693.32	9	00.6	787 50
	12/21/05	3767.30	73.15	79.94	3693.34	6.79	11.00	798.50
	12/23/05	3767.30	73.23	79.77	3693.29	6.54	10.00	808.50
	12/27/05	3767.30	73.30	79.94	3693.20	6.64	10.00	818.50
	12/30/05	3767.30	73.23	79.93	3693.27	6.70	10.00	828.50
	01/03/06	3767.30	73.23	79.97	3693.26	6.74	10.00	838.50
	01/06/06	3767.30	73.22	79.81	3693.29	6:29	10.00	848.50
	01/11/06	3767.30	73.23	79.97	3693.26	6.74	10.00	858.50
	01/13/06	3767.30	73.32	79.87	3693.19	6.55	11.00	869.50
	01/18/06	3767.30	73.23	79.96	3693.26	6.73	12.00	881.50
	01/20/06	3767.30	73.31	79.91	3693.20	09:9	10.00	891.50
	01/24/06	3767.30	73.25	79.99	3693.24	6.74	9.50	901.00
	90/97/10	3/6/.30	73.27	/9.9/	3693.28	6.76	9:00	910.00
	OCOCO	3/6/.30	/3.23	/9.9/	3693.26	6.74	0.00	910.00
	90708/06	3767.30	73.25	79.95	3693.25	6.70	8:00	918.00
	02/10/06	3/67.30	73.23	79.94	3693.26	6.71	8:00	926.00





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			Depth to PSH	Depth to Water	Adjusted		PSH Volume	Cummulative
WELL ID	DATE GAUGED	Relative Top of Casing Elevation (Feet)*	Below Top of Casing (Feet)	Below Top of Casing (Feet)	Potentiometric Surface (Feet)*	PSH THICKNESS (ft)	Recovered (gallons)	Recovery (gallons)
MW-1	02/14/06	3767.30	73.27	80.00	3693.22	6.73	8.00	934.00
Н	02/16/06	3767.30	73.30	80.03	3693.19	6.73	8.00	942.00
H	05/21/06	3767.30	73.30	80.00	3693.20	6.70	8.00	950.00
+	02/24/06	3767.30	73.32	80.00	3693.18	6.68	8.00	958.00
+	02/28/06	3767.30	73.25	79.95	3693.25	6.70	0.00	958.00
†	03/03/06	3767.30	73.27	79.99	3693.22	6.72	2.00	965.00
†	03/06/06	3767.30	73.25	78.78	3693.39	5.53	8.00	973.00
\dagger	03/08/06	3767.30	73.32	79.81	3693.20	6.49	2.00	00:086
\dagger	00/12/00	3/0/30	13.34	80.03	3693.16	60.03	8.00	988.00
t	03/21/06	376730	73.25	70.05	3036.23	0.04	00.0	387.00
t	03/28/06	3767 30	72.25	20.00	3602 15	6.65	0.30	1043.00
t	03/30/06	3767.30	73.41	29.93	3693 11	652	200	1019.00
t	04/04/06	3767.30	73.39	79.97	3693.12	6.58	7,50	1026.50
H	04/02/06	3767.30	73.38	80.00	3693.13	6.62	7.00	1033.50
H	04/12/06	3767.30	73.38	10:08	3693.12	6.63	8.50	1042.00
	04/14/06	3767.30	73.40	80.00	3693.11	09:9	7.50	1049.50
H	04/18/06	3767.30	73.35	79.95	3693.16	09.9	7.50	1057.00
1	04/21/06	3767.30	73.44	80:00	3693.07	6.56	8.00	1065.00
1	04/26/06	3767.30	73.34	79.95	3693.17	6.61	8.00	1073.00
1	04/28/06	3767.30	73.43	79.90	3693.09	6.47	7.00	1080.00
\dagger	05/04/06	3767.30	73.40	80.00	3693.11	09.9	7.00	1087.00
\dagger	05/05/06	3767.30	73.45	80.00	3693.06	6.55	6.50	1093.50
\dagger	90/1/90	3/6/.30	73.50	80.07	3693.01	6.57	7.50	1101.00
\dagger	021206	3/6/.30	73.47	80.00	3693.05	6.53	90.9	1107.00
t	20/01/20	05.7076	72.40	90.09	3030.03	/20	3,0	113.00
t	05/23/06	3767 30	73.47	80.08	3693.02	0.31	0.50	1119.50
t	06/26/06	3767.30	73.47	80.05	3693.04	6.58	6.50	1131 50
t	06/30/06	3767.30	73.50	80.07	3693,01	6.57	5.25	1136.75
H	06/01/06	3767.30	73.52	80.04	3693.00	6.52	5.50	1142.25
H	90/90/90	3767.30	73.55	80.13	3692.96	6.58	5.00	1147.25
Н	90/60/90	3767.30	73.53	80.10	3692.98	6.57	6.50	1153.75
Н	06/13/06	3767.30	73.53	80.09	3692.98	6.56	9.00	1159.75
1	90/11/90	3767.30	73.56	80.10	3692.96	6.54	5.50	1165.25
+	06/20/06	3767.30	73.56	80.10	3692.96	6.54	0	1165.25
+	06/23/06	3767.30	73.53	80.10	3692.98	6.57	5.50	1170.75
+	06/27/06	3767.30	73.6	80.15	3692.91	6.55	9.00	1179.75
+	00/30/00	3/6/30	73.59	80.11	3692.93	6.52	0.00	1179.75
$^{+}$	90/20/20	3/5/30	32.5	50.75	3692.91	6.55	8.50	1188.25
\dagger	07/11/06	3767.30	75.04	80.02	3092.89	0.38	3.00	1197.25
t	02/13/06	3767.30	73.60	80.07	3602 84	00.04	00.7	1244.75
t	02/18/06	3767.30	73.66	80.19	3692.86	6.53	8.6	1210 75
t	02/21/06	3767.30	73.65	80.14	3692 R7	6.49	888	121975
t	02/22/06	3767.30	73.68	80.23	3692.83	6.55	7.50	1227.25
+	07/21/06	3767.30	73.7	80.10	3692.83	6.40	808	1235.25
	08/01/06	3767.30	73.71	80.23	3692.81	6.52	7.50	1242.75
Н	90/80/80	3767.30	73.75	80.14	3692.78	6:39	5.00	1247.75
+	90/60/80	3767.30	73.73	80.26	3692.79	6.53	7.50	1255.25
_	9/11/00	05 7375	72 77	21 A2	37 0035	0 70	5	10000+



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PSH Cummulative Recovery (gallons)	1267.25	1271.75	127175	1271 75	127175	1271 75	1271 75	127175	1271 75	127175	1277.75	1283.75	1289 75	1289.75	1289.75	1289.75	1295.25	1301.00	1307.00	1312.00	1317.55	1323.00	1323.00	1222.05	1323.05	1323 05	1329.05	1329 05	1334.05	1334.05	1339.05	1344.05	1350.05	1358.55	1367.05	1373.05	1378.05	1385.05	1385.05	1385.06	1392.55	1392.55	1392.33	1392.55	1392.55	1399.55	1405.55	1410.55	1410.55	1415.55	1415.55	1415.55	1421.55	1427.55	1436.30	1442.30	1448.30	1454 80	1460.80	1460.80	1460.80	1460.80	1466.80
PSH Volume Recovered (gallons)	2.00	4.50	000	800	000	800	000	000	000	886	809	009	009	0.00	00:00	00:0	5.50	5.75	909	2.00	0.00	000	88	38	88	900	88	800	200	800	2:00	2:00	9.00	8.50	8.50	90.9	2.00	2.00	000	000	06:7	38	88	000	000	7.00	00.9	200	8.6	8 6	800	00:0	6.00	00.9	8.75	00.9	0.00	88	00.9	00:00	00:00	0.00	00.9
PSH THICKNESS (ft)	6.52	6.80	651	000	000	000	000	000	000	200	099	6.57	6.55	00.9	6.55	6.04	6.60	6.62	6.57	90.0	8.47	0.0	0.10	6.57	6.59	653	82.9	6.36	6.53	999	6.55	6.35	6.48	6.47	6.45	6.17	6.47	6.40	6.48	6.47	16.51	6.50	0.00	6.51	6.51	6.52	6.24	6.46	6.51	6.50	22	6.54	6.55	6.54	6.51	6.51	6.52	6.57	6.52	999	99.9	89.9	69.9
Adjusted Potentiometric Surface (Feet)*	3692.75	3693.00	3692 71	WN	MN	MM	WN	W	NN	MN	3687.47	3687.44	3687.41	3686.98	3687.46	3686.98	3687.33	3687.30	3687.21	3686.98	3565.95	3007.24	3000.31	3687 16	3687 13	3687 14	3687.05	3687.06	3687.09	3687.11	3687.21	3687.04	3687.04	3687.08	3687.12	3687.06	3687.02	3687.06	3687.11	3687.05	3687.06	3687.03	3693.22	3693.18	3693.20	3633.19	3693.18	3693.21	3693.19	3693.09	3693.05	3693.02	3693.09	3693.03	3693.03	3692.99	3692.94	3692.87	3692.84	3692.70	3692.64	3692.57	3692 54
Depth to Water Below Top of Casing (Feet)	80.29	80.28	80.32	WW	WN	WW	N.	WN	×	Z	85.64	85.64	85.65	85.60	85.60	85.64	85.78	85.83	85.87	83.6	88.8	20.00	06.07	85.00	85.97	85.91	86.04	85.92	85.96	98	85.85	85.85	85.96	85.91	85.86	85.67	85.97	85.87	85.89	85.94	90.30	65.90	85.87	86.03	86.01	86.03	85.79	85.95	86.02	86 11	86.18	86.22	86.16	86.21	86.18	86.22	36.36	86.39	86.38	86.64	86.70	86.79	86.83
Depth to PSH Below Top of Casing (Feet)	73.77	73.48	73.81	NA	ΣN	MN	NN.	NN	ΝŽ	MN	79.04	79.07	79.1	9.62	79.05	9.62	79.18	79.21	79.3	9.6	80.33 20.30	70.70	70.07	70.35	79.38	79.38	79.46	79.46	79.43	79.4	79.3	79.5	79.48	79.44	79.41	79.5	79.5	79.47	79.41	79.47	79.46	70.40	79.40	79.52	79.5	79.51	79.55	79.49	79.51	79.61	79.65	79.68	79.61	79.67	79.67	79.71	79.70	79.82	79.86	79.99	80.04	80.11	N 14
Relative Top of Casing Elevation (Feet)*	3767.30	3767.30	3767.30	3767 30	3767.30	3767 30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3/6/.30	3767.30	06.7976	05.7976	3767 30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3767.30	3/6/.30	37723	3773.35	3773.35	3773.35	3773.35	3773.35	3773.35	3773 35	3773.36	3773.35	3773.35	3773.35	3773.35	3773.35	3773.35	3773 35	3773.35	3773.35	3773.35	3773.35	3773.35	3773 35
DATE GAUGED	08/15/06	08/18/06	08/25/06	08/30/06	09/12/06	09/15/06	09/20/06	09/26/06	90/53/06	10/04/06	10/06/06	10/12/06	10/17/06	10/20/06	10/24/06	10/26/06	11/22/06	11/28/06	12/06/06	12/08/06	12/15/06	90/06/61	12/22/06	12/27/06	01/03/02	01/06/07	01/12/07	01/15/07	01/18/07	01/31/07	20/20/20	02/08/07	02/13/07	02/16/07	02/19/07	02/21/07	02/26/07	03/01/07	03/06/07	03/09/07	03/13/0/	03/27/07	03/29/07	04/06/07	04/11/07	04/17/07	04/19/07	04/24/07	05/21/07	05/24/07	06/19/07	06/28/07	08/02/02	08/17/07	08/23/07	08/31/0/	09/21/07	10/11/07	10/18/07	11/27/07	12/17/07	12/28/07	12/31/07
WELL ID	MW-1																																																														



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Depth to PSH Depth to Water	Depth to PSH Depth to Water	Depth to Water		¥	Adjusted		PSH Volume	PSH Cummulative
Relative Top of Casing Below Top of Below Top of P DATE GAUGED Elevation (Feet)* Casing (Feet) S	Below Top of Below Top of Casing (Feet)	Below Top of Casing (Feet)		ت ن	Potentiometric Surface (Feet)*	PSH THICKNESS (ft)	Recovered (qallons)	Recovery (qallons)
N.D. 76.67	N.D. 76.67	1992	╁	•	3694.37	000	1_	N/A
3771.04 N.D.	N.D.		76.79		3694.25	00:00	N/A	N/A
3771.04	N.D.		76.84		3694.20	00:0	N/A	N/A
3771.04 N.D.	O.O.		76.89		3694.15	00:00	N/A	N/A
3771.04 N.D.	N.D.	-	76.97		3694.07	0.00	N/A	N/A
N.D.	N.D.		76.91		3694.13	0.00	N/A	N/A
3771.04 N.D.	N.D.	_	76.79		3694.25	0.00	N/A	N/A
3771.04	N.D.		76.81		3694.23	00:00	N/A	N/A
3771.04 N.D.	N.D.		00.77		3694.04	00:00	N/A	N/A
3771.04 N.D.	N.D.		10.77		3694.03	00:00	N/A	N/A
N.D.	N.D.		77.02		3694.02	00:00	N/A	N/A
3771.04 N.D.	N.D.		77.09		3633.95	0.00	N/A	N/A
3771.04 N.D.	N.D.		90:22		3633.98	0:00	N/A	N/A
3771.04 N.D.	N.D.		60:77		3633.95	00:0	N/A	N/A
3771.04 N.D.	N.D.		78.08		3692.96	00:0	N/A	N/A
3771.04 N.D.	N.D.		77.13		3693.91	00:0	N/A	N/A
3771.04 N.D.	N.D.		27.09		3693.95	0.00	N/A	N/A
N.D.	N.D.		77.11		3693.93	00:0	N/A	N/A
3771.04 N.D.	N.D.		77.15		3693.89	00:00	N/A	N/A
3771.04 N.D.	N.D.		77.10		3693.94	0.00	N/A	N/A
N.D.	N.D.		77.11		3693.93	00:0	N/A	N/A
3771.04	N.D.		77.14		3693.90	0.00	N/A	N/A
3771.04 N.D.	N.D.		77.17		3693.87	0.00	N/A	N/A
3771.04	N.D.		79.40	П	3691.64	00:00	N/A	N/A
3771.04 N.D.	N.D.		79.40	$\overline{}$	3691.64	0.00	N/A	N/A
3771.04 N.D.	N.D.		77.22	Н	3693.82	0.00	N/A	N/A
3771.04 N.D.	N.D.		77.25	Н	3693.79	00:0	N/A	N/A
3771.04 N.D.	N.D.		77.25	_	3693.79	00:0	N/A	N/A
3771.04 N.D.	N.D.		77.24	_	3693.80	0.00	N/A	N/A
3771.04 N.D.	N.D.		77.27	-	3693.77	0.00	N/A	N/A
3771.04 N.D.	N.D.		77.25		3693.79	00:0	N/A	N/A
3771.04 N.D.	N.D.		77.29	П	3693.75	00:0	N/A	N/A
06/22/05 3771.04 N.D. 77.29	N.D.		77.29	_	3693.75	0.00	N/A	N/A
3771.04 N.D.	CZ		77 29	_	3693 75	w c	N/A	N/A





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DATE GALICED Retinate Properties of Cashing Revolution of Cashing Revo			Denth to PSH	Death to Water	Adineted		PSH Votume	PSH
OFFIGE 377104 N.D. 7773 388374 0.00 NAA OFFIGE 377104 N.D. 7773 388370 0.00 NAA OFFIGE 377104 N.D. 7773 388371 0.00 NAA OFFIGE 377104 N.D. 7774 388366 0.00 NAA OFFIGE 377104 N.D. 7774 388366 0.00 NAA OFFIGE 377104 N.D. 7774 388366 0.00 NAA OFFIGE 377104 N.D. 7774 388367 0.00 NAA OFFIGE 377104 N.D. 7774 388367 0.00 NAA OFFIGE 377104 N.D. 7774 388369 0.00 NAA OFFIGE 377104 N.D. 7774 388369 0.00 NAA OFFIGE 377104 N.D. 7774 388369 0.00 NAA OFFIGE 377104 N.D.	WELL ID DATE GAUGED		Below Top of Casing (Feet)	Below Top of Casing (Feet)	Potentiometric Surface (Feet)*	PSH THICKNESS (#)	Recovered (gallons)	Recovery (gallons)
377104 N.D		3771.04	N.D.	77.30	3693.74	00:0	N/A	N/A
3771.04 N.D. 77.34 3668.17 0.00 NA 3771.04 N.D. 77.34 3668.17 0.00 NA 3771.04 N.D. 77.34 3668.37 0.00 NA 3771.04 N.D. 77.36 3680.66 0.00 NA 3771.04 N.D. 77.40 3680.66 0.00 NA 3771.04 N.D. 77.42 3680.66 0.00 NA 3771.04 N.D. 77.43 3680.66 0.00 NA 3771.04 N.D. 77.44 3680.66 0.00 NA 3771.04 N.D. 77.45 3680.87 0.00 NA 3771.04 N.D. 77.44 3680.87 0.00 NA 3771.04 N.D. 77.45 3680.85 0.00 NA 3771.04 N.D. 77.44 3680.85 0.00 NA 3771.04 N.D. 77.44 3680.85 0.00 NA	90/06/05	3771.04	N.D.	77.31	3693.73	0.00	N/A	N/A
3771.04 N.D 77.34 3683.71 0.00 N.A 3771.04 N.D 77.36 3683.64 0.00 N.A 3771.04 N.D 77.39 3683.64 0.00 N.A 3771.04 N.D 77.40 3683.64 0.00 N.A 3771.04 N.D 77.42 3683.65 0.00 N.A 3771.04 N.D 77.43 3683.65 0.00 N.A 3771.04 N.D 77.44 3683.65 0.00 N.A 3771.04 N.D 77.45 3683.65 0.00 N.A 3771.04 N.D 77.47 3683.65 0.00 N.A 3771.04 N.D 77.47 3683.65 0.00 N.A 3771.04 N.D 77.47 3683.65 0.00 N.A 3771.04 N.D 77.44 3683.65 0.00 N.A 3771.04 N.D 77.45 3683.65 0.00 N.A 3771.04 N.D 77.50 3683.54 0.00 N.A 3771.04 N.D 77.70 3683.50 N.A 3771.04 N.D 77.70 3683.51 0.00 N.A 3771.04 N.D 77.70 3683.51 0.00 N.A 3771.04 N.D 77.70 3683.5	90/08/02	3771.04	O.N.	77.32	3693.72	0.00	N/A	N/A
377.104 N.D 77.33 3683.67 0.00 N.A 377.104 N.D 77.39 3683.66 0.00 N.A 377.104 N.D 77.40 3683.64 0.00 N.A 377.104 N.D 77.42 3683.65 0.00 N.A 377.104 N.D 77.44 3683.65 0.00 N.A 377.104 N.D 77.45 3683.67 0.00 N.A 377.104 N.D 77.47 3683.67 0.00 N.A 377.104 N.D 77.44 3683.67 0.00 N.A 377.104 N.D 77.44 3683.67 0.00 N.A 377.104 N.D 77.44 3683.60 0.00 N.A 377.104 N.D 77.45 3683.80 0.00 N.A 377.104 N.D 77.46 3683.80 0.00 N.A 377.104 N.D 77.56 3683.80 0.00 N.A 377.104 N.D 77.67 3683.80 0.00 N.A 377.104 N.D 77.68 3683.80 0.00 N.A 377.104 N.D 77.70	07/12/05	3771.04	N.D.	77.34	3693.70	0.00	N/A	N/A
377.104 N.D. 77.38 3683.66 0.00 NVA	07/14/05	3771.04	N.D.	77.33	3693.71	00:0	N/A	V/N
377.104 N.D. 77.40 368366 0.00 NVA	02/13/05	3771.04	N.D.	77.36	3693.68	0.00	N/A	A/N
3771 (A) N.D. 77.40 3683 64 0.00 N/A 3771 (A) N.D. 77.42 3683 64 0.00 N/A 3771 (A) N.D. 77.42 3683 60 0.00 N/A 3771 (A) N.D. 77.43 3683 60 0.00 N/A 3771 (A) N.D. 77.47 3683 57 0.00 N/A 3771 (A) N.D. 77.47 3683 57 0.00 N/A 3771 (A) N.D. 77.47 3683 60 0.00 N/A 3771 (A) N.D. 77.47 3683 52 0.00 N/A	07/21/05	3771.04	N.D.	77.38	3633.66	0.00	N/A	N/A
377104 N.D. 77.40 3688 64 0.00 N/A 377104 N.D. 77.42 3683 61 0.00 N/A 377104 N.D. 77.44 3683 61 0.00 N/A 377104 N.D. 77.47 3683 57 0.00 N/A 377104 N.D. 77.47 3683 50 0.00 N/A 377104 N.D. 77.44 3683 50 0.00 N/A 377104 N.D. 77.44 3683 54 0.00 N/A 377104 N.D. 77.50 3683 54 0.00 N/A 377104 N.D. 77.50 3683 54 0.00 N/A	07/26/05	3771.04	N.D.	77.40	3693.64	0.00	N/A	N/A
3771 OA N.D. 77.42 3683 6F 0.00 N/A 3771 OA N.D. 77.43 3683 6F 0.00 N/A 3771 OA N.D. 77.44 3683 5F 0.00 N/A 3771 OA N.D. 77.47 3683 6D 0.00 N/A 3771 OA N.D. 77.44 3683 5D 0.00 N/A 3771 OA N.D. 77.44 3683 5D 0.00 N/A 3771 OA N.D. 77.50 3683 5D 0.00 N/A	07/28/05	3771.04	N.D.	77.40	3693.64	0.00	N/A	N/A
3771 OA N.D. 77.44 3653 60 0.00 NAA 3771 OA N.D. 77.44 3653 50 0.00 NAA 3771 OA N.D. 77.47 3653 57 0.00 NAA 3771 OA N.D. 77.50 3653 57 0.00 NAA 3771 OA N.D. 77.50 3653 57 0.00 NAA 3771 OA N.D. 77.50 3653 50 0.00 NAA 3771 OA N.D. 77.44 3653 60 0.00 NAA 3771 OA N.D. 77.54 3653 50 0.00 NAA 3771 OA N.D. 77.54 3653 50 0.00 NAA 3771 OA N.D. 77.54 3653 50 0.00 NAA	08/02/05	3771.04	N.D.	77.42	3633.62	00:0	N/A	V/N
3771 OA N.D. 77.44 3683 69 0.00 NAA 3771 OA N.D. 77.47 3683 57 0.00 NAA 3771 OA N.D. 77.47 3683 57 0.00 NAA 3771 OA N.D. 77.50 3683 54 0.00 NAA 3771 OA N.D. 77.50 3683 50 0.00 NAA 3771 OA N.D. 77.47 3683 60 0.00 NAA 3771 OA N.D. 77.47 3683 60 0.00 NAA 3771 OA N.D. 77.47 3683 67 0.00 NAA 3771 OA N.D. 77.47 3683 67 0.00 NAA 3771 OA N.D. 77.57 3683 57 0.00 NAA 3771 OA N.D. 77.57 3683 57 0.00 NAA 3771 OA N.D. 77.54 3683 57 0.00 NAA 3771 OA N.D. 77.54 3683 52 0.00 NAA	08/04/05	3771.04	N.D.	77.43	3693.61	00:0	N/A	N/A
3771 OA N.D. 77.45 3650 557 0.00 NAA 3771 OA N.D. 77.47 3650 57 0.00 NAA 3771 OA N.D. 77.50 3633 54 0.00 NAA 3771 OA N.D. 77.50 3633 54 0.00 NAA 3771 OA N.D. 77.47 3683 60 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.44 3683 57 0.00 NAA 3771 OA N.D. 77.44 3683 50 0.00 NAA 3771 OA N.D. 77.54 3683 52 0.00 NAA 3771 OA N.D. 77.52 3683 52 0.00 NAA 3771 OA N.D. 77.54 3683 54 0.00 NAA 3771 OA N.D. 77.64 3683 54 0.00 NAA	90/60/80	3771.04	N.D.	77.44	3693.60	00:0	N/A	N/A
3771 OA N.D. 77.47 36505 57 0.00 NAA 3771 OA N.D. 77.50 36505 57 0.00 NAA 3771 OA N.D. 77.50 36505 57 0.00 NAA 3771 OA N.D. 77.44 3683 54 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.54 3683 50 0.00 NAA 3771 OA N.D. 77.52 3683 50 0.00 NAA 3771 OA N.D. 77.54 3683 50 0.00 NAA 3771 OA N.D. 77.54 3683 40 0.00 NAA 3771 OA N.D. 77.54 3683 40 0.00 NAA 3771 OA N.D. 77.61 3683 40 0.00 NAA	08/11/05	3771.04	N.D.	77.45	3693.59	00:0	N/A	V/N
3771 OA N.D. 77.47 3650 54 0.00 NAA 3771 OA N.D. 77.50 3650 54 0.00 NAA 3771 OA N.D. 77.54 3683 60 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.47 3680 57 0.00 NAA 3771 OA N.D. 77.47 3680 50 0.00 NAA 3771 OA N.D. 77.47 3680 57 0.00 NAA 3771 OA N.D. 77.47 3680 57 0.00 NAA 3771 OA N.D. 77.52 3680 57 0.00 NAA 3771 OA N.D. 77.54 3680 54 0.00 NAA 3771 OA N.D. 77.54 3680 34 0.00 NAA 3771 OA N.D. 77.61 3683 43 0.00 NAA	08/16/05	3771.04	N.D.	77.47	3693.57	00:00	N/A	N/A
3771 OA N.D. 77.50 3653 54 0.00 NAA 3771 OA N.D. 77.44 3683 54 0.00 NAA 3771 OA N.D. 77.44 3683 56 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.44 3683 60 0.00 NAA 3771 OA N.D. 77.54 3683 52 0.00 NAA 3771 OA N.D. 77.54 3683 52 0.00 NAA 3771 OA N.D. 77.54 3683 50 0.00 NAA 3771 OA N.D. 77.54 3683 40 0.00 NAA 3771 OA N.D. 77.54 3683 40 0.00 NAA 3771 OA N.D. 77.61 3683 40 0.00 NAA 3771 OA N.D. 77.61 3683 40 0.00 NAA	08/18/05	3771.04	N.D.	77.47	3693.57	00:00	N/A	V/N
3771 OA N.D. 77.50 3653 54 0.00 N/A 3771 OA N.D. 77.44 3683 60 0.00 N/A 3771 OA N.D. 77.57 3683 57 0.00 N/A 3771 OA N.D. 77.52 3683 52 0.00 N/A 3771 OA N.D. 77.52 3683 52 0.00 N/A 3771 OA N.D. 77.54 3683 54 0.00 N/A 3771 OA N.D. 77.56 3683 40 0.00 N/A 3771 OA N.D. 77.61 3683 40 0.00 N/A 3771 OA N.D. 77.61 3683 40 0.00 N/A 3771 OA N.D. 77.61 3683 34 0.00 N/A	08/24/05	3771.04	N.D.	77.50	3693.54	0.00	N/A	V/N
3771 OH N.D. 77.47 3693 60 0.00 N/A 3771 OH N.D. 77.44 3693 60 0.00 N/A 3771 OH N.D. 77.44 3693 60 0.00 N/A 3771 OH N.D. 77.44 3693 60 0.00 N/A 3771 OH N.D. 77.50 3693 54 0.00 N/A 3771 OH N.D. 77.54 3693 52 0.00 N/A 3771 OH N.D. 77.54 3693 54 0.00 N/A 3771 OH N.D. 77.54 3693 46 0.00 N/A 3771 OH N.D. 77.54 3693 47 0.00 N/A 3771 OH N.D. 77.54 3693 47 0.00 N/A 3771 OH N.D. 77.61 3693 47 0.00 N/A 3771 OH N.D. 77.61 3693 47 0.00 N/A 3771 OH N.D. 77.61 3693 47 0.00 N/A	08/26/05	3771.04	O.N	77.50	3693.54	00:00	N/A	N/A
3771 OH N.D. 7744 3683 60 0.00 N/A 3771 OH N.D. 7744 3683 60 0.00 N/A 3771 OH N.D. 774 3683 60 0.00 N/A 3771 OH N.D. 775 3683 54 0.00 N/A 3771 OH N.D. 775 3683 54 0.00 N/A 3771 OH N.D. 775 3683 44 0.00 N/A 3771 OH N.D. 776 3683 44 0.00 N/A 3771 OH N.D. 776 3683 44 0.00 N/A 3771 OH N.D. 776 3683 40 0.00 N/A 3771 OH N.D. 776 3683 34 0.00 N/A 3771 O	90/08/30/05	3771.04	N.D.	77.47	3693.57	0.00	N/A	N/A
3771 OH N.D. 7744 3689 60 0.00 NAA 3771 OH N.D. 7744 3689 60 0.00 NAA 3771 OH N.D. 7752 3689 57 0.00 NAA 3771 OH N.D. 7752 3683 52 0.00 NAA 3771 OH N.D. 7754 3683 52 0.00 NAA 3771 OH N.D. 7754 3683 40 0.00 NAA 3771 OH N.D. 7754 3683 44 0.00 NAA 3771 OH N.D. 7754 3683 44 0.00 NAA 3771 OH N.D. 7751 3683 43 0.00 NAA 3771 OH N.D. 7764 3683 43 0.00 NAA	09/01/09	3771.04	Ŋ.D.	77.44	3693.60	00.0	N/A	N/A
3771 OH N.D. 7744 3689 67 0.00 NAA 3771 OH N.D. 7747 3693 57 0.00 NAA 3771 OH N.D. 7752 3693 54 0.00 NAA 3771 OH N.D. 7754 3693 55 0.00 NAA 3771 OH N.D. 7754 3693 47 0.00 NAA 3771 OH N.D. 7756 3693 44 0.00 NAA 3771 OH N.D. 7756 3693 49 0.00 NAA 3771 OH N.D. 7766 3693 49 0.00 NAA 3771 OH N.D. 7769 3683 40 0.00 NAA 3771 OH N.D. 7769 3683 40 0.00 NAA	90/90/60	3771.04	N.D.	77.44	3693.60	00:0	N/A	N/A
3771 OA N.D. 77.47 3680 \$54 0.00 N/A 3771 OA N.D. 77.52 3680 \$54 0.00 N/A 3771 OA N.D. 77.54 3683 \$50 0.00 N/A 3771 OA N.D. 77.54 3683 \$48 0.00 N/A 3771 OA N.D. 77.56 3683 44 0.00 N/A 3771 OA N.D. 77.67 3683 44 0.00 N/A 3771 OA N.D. 77.67 3683 44 0.00 N/A 3771 OA N.D. 77.67 3683 44 0.00 N/A 3771 OA N.D. 77.61 3683 44 0.00 N/A 3771 OA N.D. 77.61 3683 44 0.00 N/A 3771 OA N.D. 77.63 3683 49 0.00 N/A 3771 OA N.D. 77.64 3683 31 0.00 N/A 3771 OA N.D. 77.73 3683 31 0.00 N/A	90/80/60	3771.04	N.D.	77.44	3693.60	00:0	N/A	N/A
377104 N.D. 77.50 3689.54 0.00 N/A 377104 N.D. 77.52 3693.52 0.00 N/A 377104 N.D. 77.54 3693.50 0.00 N/A 377104 N.D. 77.54 3683.47 0.00 N/A 377104 N.D. 77.67 3683.44 0.00 N/A 377104 N.D. 77.61 3683.43 0.00 N/A 377104 N.D. 77.64 3683.40 0.00 N/A 377104 N.D. 77.63 3683.35 0.00 N/A 377104 N.D. 77.73 3683.35 0.00 N/A 377104 N.D. 77.73 3683.35 0.00 N/A	09/13/05	3771.04	N.D.	14.17	3693.57	0.00	N/A	V/N
3771 OA N.D. 77.82 3669 52 0.00 NAA 3771 OA N.D. 77.54 3683 50 0.00 NAA 3771 OA N.D. 77.54 3683 40 0.00 NAA 3771 OA N.D. 77.50 3683 44 0.00 NAA 3771 OA N.D. 77.60 3683 44 0.00 NAA 3771 OA N.D. 77.61 3683 44 0.00 NAA 3771 OA N.D. 77.64 3683 34 0.00 NAA 3771 OA N.D. 77.64 3683 34 0.00 NAA 3771 OA N.D. 77.64 3683 35 0.00 NAA 3771 OA N.D. 77.73 3683 35 0.00 NAA	09/16/05	3771.04	N.D.	77.50	3693.54	00:0	N/A	V/V
3771.04 N.D. 77.82 3689 50 0.00 N/A 3771.04 N.D. 77.54 3683 46 0.00 N/A 3771.04 N.D. 77.51 3633 44 0.00 N/A 3771.04 N.D. 77.61 3633 43 0.00 N/A 3771.04 N.D. 77.61 3633 43 0.00 N/A 3771.04 N.D. 77.61 3653 43 0.00 N/A 3771.04 N.D. 77.61 3653 43 0.00 N/A 3771.04 N.D. 77.61 3653 43 0.00 N/A 3771.04 N.D. 77.63 3683 36 0.00 N/A 3771.04 N.D. 77.64 3683 36 0.00 N/A 3771.04 N.D. 77.73 3683 36 0.00 N/A 3771.04 N.D. 77.73 3683 36 0.00 N/A 3771.04 N.D. 77.73 3683 26 0.00 N/A	09/20/05	3771.04	N.D.	77.52	3693.52	0.00	N/A	V/V
3771 OA N.D. 77.54 3683 46 0.00 N/A 3771 OA N.D. 77.57 3683 47 0.00 N/A 3771 OA N.D. 77.57 3683 44 0.00 N/A 3771 OA N.D. 77.61 3683 44 0.00 N/A 3771 OA N.D. 77.61 3683 44 0.00 N/A 3771 OA N.D. 77.61 3683 43 0.00 N/A 3771 OA N.D. 77.61 3683 43 0.00 N/A 3771 OA N.D. 77.61 3683 40 0.00 N/A 3771 OA N.D. 77.64 3683 40 0.00 N/A 3771 OA N.D. 77.64 3683 35 0.00 N/A 3771 OA N.D. 77.73 3683 35 0.00 N/A 3771 OA N.D. 77.73 3683 36 0.00 N/A 3771 OA N.D. 77.73 3683 36 0.00 N/A	09/23/05	3771.04	N.D.	77.52	3693.52	0.00	N/A	V/A
377.104 N.D. 77.56 3683.45 0.00 N/A 377.104 N.D. 77.67 3653.44 0.00 N/A 377.104 N.D. 77.61 3653.44 0.00 N/A 377.104 N.D. 77.61 3693.43 0.00 N/A 377.104 N.D. 77.61 3693.43 0.00 N/A 377.104 N.D. 77.63 3683.43 0.00 N/A 377.104 N.D. 77.63 3683.41 0.00 N/A 377.104 N.D. 77.63 3683.35 0.00 N/A 377.104 N.D. 77.73 3683.31 0.00 N/A 377.104 N.D. 77.73 3683.31 0.00 N/A 377.104 N.D. 77.73 3683.25 0.00 N/A 377.104 N.D. 77.73 3683.25 0.00 N/A 377.104 N.D. 77.73 3683.25 0.00 N/A	09/27/05	3771.04	N.D.	77.54	3693.50	0.00	N/A	N/A
3771,04 N.D. 77.67 3683.47 0.00 N/A 3771,04 N.D. 77.60 3683.44 0.00 N/A 3771,04 N.D. 77.61 3683.43 0.00 N/A 3771,04 N.D. 77.61 3683.43 0.00 N/A 3771,04 N.D. 77.65 3683.43 0.00 N/A 3771,04 N.D. 77.64 3683.41 0.00 N/A 3771,04 N.D. 77.64 3683.45 0.00 N/A 3771,04 N.D. 77.73 3683.35 0.00 N/A 3771,04 N.D. 77.73 3683.35 0.00 N/A 3771,04 N.D. 77.73 3683.35 0.00 N/A 3771,04 N.D. 77.73 3683.26 0.00 N/A 3771,04 N.D. 77.73 3683.26 0.00 N/A 3771,04 N.D. 77.73 3683.26 0.00 N/A	09/29/05	3771.04	N.D.	77.56	3693.48	0.00	N/A	V/A
3771,04	10/04/05	3771.04	N.D.	77.57	3693.47	0.00	N/A	N/A
3771.04 N.D. 77.60 3653.44 0.00 NVA 3771.04 N.D. 77.61 3653.43 0.00 NVA 3771.04 N.D. 77.61 3653.43 0.00 NVA 3771.04 N.D. 77.64 3653.43 0.00 NVA 3771.04 N.D. 77.64 3653.40 0.00 NVA 3771.04 N.D. 77.69 3653.35 0.00 NVA 3771.04 N.D. 77.73 3653.31 0.00 NVA 3771.04 N.D. 77.78 3653.25 0.00 NVA 3771.04 N.D. 77.81 3653.25 0.00 NVA 3771.04 N.D. 77.81 3653.23 0.00 NVA 3771.04 N.D. 77.85 3653.19 0.00 NVA 3771.04 N.D. 77.85 3653.19 0.00 NVA	10/06/05	3771.04	N.D.	77.60	3693.44	0.00	N/A	N/A
3771,04	10/11/05	3771.04	N.D.	77.60	3693.44	0.00	N/A	A/N
3777,04 N.D. 77,61 3683.43 0.00 N/A	10/13/05	3771.04	N.D.	77.61	3693.43	0.00	N/A	N/A
3771,04 N.D. 77,65 3693,39 0.00 NVA 3771,04 N.D. 77,65 3693,41 0.00 NVA 3771,04 N.D. 77,69 3693,35 0.00 NVA 3771,04 N.D. 77,79 3693,31 0.00 NVA 3771,04 N.D. 77,79 3693,10 0.00 NVA 3771,04 N.D. 77,79 3693,10 0.00 NVA 3771,04 N.D. 77,79 3693,26 0.00 NVA 3771,04 N.D. 77,79 3693,26 0.00 NVA 3771,04 N.D. 77,79 3693,26 0.00 NVA 3771,04 N.D. 77,89 3693,16 0.00 NVA 3771,04 N.D. 77,81 3693,29 0.00 NVA 3771,04 N.D. 77,81 3693,19 0.00 NVA	10/18/05	3771.04	N.D.	19.77	3693.43	0.00	N/A	V/A
3771,04 N.D. 77,63 3659,41 0.00 N/A N/A 3771,04 N.D. 77,64 3659,40 0.00 N/A N/A 3771,04 N.D. 77,64 3669,35 0.00 N/A N/A 3771,04 N.D. 77,79 3689,31 0.00 N/A 3771,04 N.D. 77,79 3689,31 0.00 N/A 3771,04 N.D. 77,79 3689,26 0.00 N/A 3771,04 N.D. 77,81 3689,21 0.00 N/A 3771,04 N.D. 77,85 3889,19 0.00 N/A 3771,04 N.D. 77,86 3889,19 0.00 N/A	10/21/05	3771.04	N.D.	99'11	6E'E69E	0.00	N/A	V/A
3771,04 N.D. 77,64 3683.40 0.00 N/A 17,69 3683.55 0.00 N/A 17,69 3683.55 0.00 N/A 17,70 3683.55 0.00 N/A 17,70 3683.31 0.00 N/A 17,70 3683.21 0.00 N/A 17,70 3683.25 0.00 N/A 17,70 3683.21 0.00 N/A 17,70 368	10/26/05	3771.04	N.D.	77.63	3693.41	0.00	N/A	A/N
3771.04 N.D. 77.69 3683.35 0.00 N/A	10/28/05	3771.04	N.D.	77.64	3693.40	0.00	N/A	N/A
3771.04 N.D. 777.69 3683.35 0.00 N/A 177.04 N.D. 777.72 3683.31 0.00 N/A 177.04 N.D. 777.72 3683.31 0.00 N/A 177.04 N.D. 777.72 3683.31 0.00 N/A 177.04 N.D. 777.72 3683.24 0.00 N/A 177.04 N.D. 777.72 3683.24 0.00 N/A 177.04 N.D. 777.77 3683.24 0.00 N/A 177.04 N.D. 777.79 3683.24 0.00 N/A 177.04 N.D. 777.81 3683.24 0.00 N/A 177.04 N.D. 77.81 3683.23 0.00 N/A 177.04 N.D. 77.85 3683.19 0.00 N/A 177.04 N.D. 77.85 3683.19 0.00 N/A 177.04 N.D. 77.85 3683.19 0.00 N/A	11/01/05	3771.04	N.D.	77.69	3693.35	0.00	N/A	N/A
3771.04 N.D. 77.73 3689.31 0.00 N/A	11/04/05	3771.04	N.D.	69'77	3693.35	0.00	N/A	A/N
3771.04 N.D. 77.73 3689.31 0.00 N/A 3771.04 N.D. 77.73 3689.76 0.00 N/A 3771.04 N.D. 77.79 3689.26 0.00 N/A 3771.04 N.D. 77.79 3689.27 0.00 N/A 3771.04 N.D. 77.79 3689.21 0.00 N/A 3771.04 N.D. 77.89 3689.21 0.00 N/A 3771.04 N.D. 77.81 3689.21 0.00 N/A 3771.04 N.D. 77.85 3689.19 0.00 N/A 3771.04 N.D. 77.86 3689.19 0.00 N/A	11/09/05	3771.04	N.D.	77.73	3693.31	0.00	N/A	N/A
3771.04 N.D. 77.28 3683.76 0.00 N/A N/A 3771.04 N.D. 77.77 3683.26 0.00 N/A N/A 3771.04 N.D. 77.77 3683.24 0.00 N/A N/A 3771.04 N.D. 77.78 3683.24 0.00 N/A N/A 3771.04 N.D. 77.78 3683.25 0.00 N/A 3771.04 N.D. 77.89 3683.21 0.00 N/A 3771.04 N.D. 77.81 3683.23 0.00 N/A 3771.04 N.D. 77.85 3683.19 0.00 N/A	11/11/05	3771.04	N.D.	77.73	3693.31	0.00	N/A	N/A
3771,04 N.D. 77.78 3693.26 0.00 N/A 77.71 3693.26 0.00 N/A 77.71 3693.27 0.00 N/A 77.71 3693.27 0.00 N/A 77.71 3693.27 0.00 N/A 77.71 3693.28 0.00 N/A 77.71 3693.28 0.00 N/A 77.71 36 3693.23 0.00 N/A 77.71 36 3693.19 0.00 N/A 77.71 36	11/16/05	3771.04	N.D.	77.28	3693.76	0.00	N/A	N/A
3771.04 N.D. 77.77 3639.27 0.00 N/A 3771.04 N.D. 77.80 3639.24 0.00 N/A 3771.04 N.D. 77.80 3639.25 0.00 N/A 3771.04 N.D. 77.88 3639.25 0.00 N/A 3771.04 N.D. 77.81 3639.23 0.00 N/A 3771.04 N.D. 77.81 3639.23 0.00 N/A 3771.04 N.D. 77.81 3639.29 0.00 N/A 3771.04 N.D. 77.81 3639.19 0.00 N/A 3771.04 N.D. 77.85 3639.19 0.00 N/A 3771.04 N.D. 77.86 3630.19 N.D. 77.86 N.	11/18/05	3771.04	N.D.	77.78	3693.26	0.00	N/A	V/V
377104 N.D. 77280 368324 0.00 N/A	11/22/05	3771.04	N.D.	11.11	3693.27	00:00	N/A	V/N
377104 N.D. 77.79 368325 0.00 NVA 377104 N.D. 77.89 3803.16 0.00 NVA 377104 N.D. 77.81 3693.21 0.00 NVA 377104 N.D. 77.81 3693.23 0.00 NVA 377104 N.D. 77.81 3693.23 0.00 NVA 377104 N.D. 77.85 3693.19 0.00 NVA 377104 N.D	11/30/05	3771.04	N.D.	08'22	3693.24	00:0	N/A	N/A
377104 N.D. 77.88 3650316 0.00 N/A	12/02/05	3771.04	N.D.	62'22	3693.25	0.00	N/A	V/A
3771,04 N.D. 77,83 3659.21 0.00 N/A 177,04 N.D. 77,81 3659.23 0.00 N/A 177,04 N.D. 77,81 3659.23 0.00 N/A 177,04 N.D. 77,785 3659.19 0.00 N/A 177,04 N.D. 77,785 3659.19 0.00 N/A 177,04 N.D. 77,785 3659.19 0.00 N/A 177,04 N.D. 77,04 N.D. 77	12/06/05	3771.04	N.D.	88'44	3693.16	00:00	N/A	N/A
3771,04 N.D. 77,81 3639.23 0.00 N/A 3771,04 N.D. 77,81 3639.19 0.00 N/A 3771,04 N.D. 77,85 3639.19 0.00 N/A 3771,04 N.D. 77,85 3639.19 0.00 N/A	12/14/05	3771.04	N.D.	77.83	3693.21	0.00	N/A	N/A
377104 N.D. 77.81 3653.19 0.00 N/A N.D. 77.85 3653.19 0.00 N/A 77.65 3653.19 0.00 N/A	12/16/05	3771.04	N.D.	77.81	3693.23	00:0	N/A	N/A
3771.04 N.D. 77.85 3693.19 0.00 N/A 3771.04 N.D. 77.85 3693.19 0.00 N/A	12/21/05	3771.04	N.D.	77.81	3693.23	00:00	N/A	V/V
3771.04 N.D. 77.85 3633.19 0.00 NVA	12/23/05	3771.04	N.D.	77.85	3693.19	0.0	N/A	N/A
	12/27/05	3771.04	N.D.	77.85	3693.19	000	N/A	V/A



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TABLE 1
Summary of PSH Thickness & Gauging Measurements
PLAINS PIPELINE, L.P.
8" MOORE TO JAL #2
NMOCD REF. # 1R-0381
LEA COUNTY, NEW MEXICO - SRS# 2002-10273
Talon/LPE Project Number PLAINS008SPL

			Depth to PSH	Depth to Water	Adjusted		PSH Volume	PSH Cummulative
WELL ID	DATE GAUGED	Relative Top of Casing Elevation (Feet)*		Below Top of Casing (Feet)	Potentiometric Surface (Feet)*	PSH THICKNESS (ft)	Recovered (gallons)	Recovery (gallons)
MW-2	01/03/06	3771.04	N.D.	77.90	3693.14	000	V/N	N/A
	01/05/06	3771.04	N.D.	78.77	3693.17	0.00	N/A	N/A
	01/11/06	3771.04	N.D.	16.77	3693.13	0.00	N/A	N/A
	01/13/06	3771.04	N.D.	77.86	3693.18	00:0	N/A	N/A
	01/18/06	3771.04	N.D.	77.90	3693.14	00:00	N/A	N/A
~	01/20/06	3771.04	N.D.	77.91	3693.13	00:0	N/A	N/A
	01/24/06	3771.04	N.D.	78.92	3692.12	0.00	N/A	N/A
	01/26/06	3771.04	N.D.	78.90	3692.14	0.00	N/A	N/A
	90/20/20	3771.04	N.D.	77.87	3693.17	00:0	N/A	N/A
	05/08/06	3771.04	'G'N	16.77	3693.13	00:0	N/A	N/A
	05/10/06	3771.04	.G.N	77.90	3693.14	00:0	N/A	N/A
	05/14/06	3771.04	'G'N	26'22	3693.11	00:0	A/N	A/N
	02/16/06	3771.04	'G'N	₩24	3693.10	00:0	N/A	ΝA
	05/21/06	3771.04	'O'N	26.77	3693.09	00'0	A/N	A/N
	02/24/06	3771.04	N.D.	96'44	3693.09	00:00	A/A	ΝΆ
	05/28/06	3771.04	N.D.	77.93	3693.11	00.0	N/A	ΝA
	90/03/09	3771.04	ΝĎ	77.92	3693.12	0.00	N/A	ΝA
	90/90/20	3771.04	N.D.	77.90	3693.14	0.00	N/A	N/A
	90/80/20	3771.04	N.D.	77.96	3693.09	0.00	N/A	A/A
	03/15/06	3771.04	N.D.	77.98	3693.06	00:0	N/A	N/A
	03/17/06	3771.04	N.D.	78.08	3692.96	00:0	N/A	N/A
	03/21/06	3771.04	'G'N	96'44	3693.09	00:0	N/A	N/A
	03/23/06	3771.04	N.D.	77.86	3693.18	0.00	N/A	N/A
	03/28/06	3771.04	N.D.	77.89	3693.15	00.0	N/A	N/A
-	03/30/06	3771.04	N.D.	98'44	3693.18	00:0	A/N	N/A
	04/04/06	3771.04	N.D.	77.94	3693.10	00:0	N/A	N/A
	04/02/06	3771.04	N.D.	78.00	3693.04	00:00	N/A	N/A
	04/12/06	3771.04	N.D.	00'82	3693.04	00:00	N/A	N/A
	04/14/06	3771.04	N.D.	10'82	3693.03	00:00	N/A	N/A
	04/18/06	3771.04	N.D.	66'44	30300	00:00	N/A	ΑN
	04/21/06	3771.04	N.D.	¥0'84	3693.00	00:0	N/A	A/A
	04/26/06	3771.04	'G'N	00'82	3693.04	00:00	N/A	N/A
	04/28/06	3771.04	N.D.	78.04	3693.00	00:00	N/A	N/A
	05/04/06	3771.04	N.D.	78.04	3693.00	00'0	N/A	N/A
	90/90/90	3771.04	N.D.	78.05	3692.99	00:0	N/A	N/A
	05/10/06	3771.04	N.D.	78.10	3692.94	00:0	N/A	N/A
	05/12/06	3771.04	N.D.	78.08	3692.96	0.00	N/A	N/A
	05/16/06	3771.04	N.D.	78.08	3692.96	0.00	N/A	N/A
	05/18/06	3771.04	N.D.	78.09	3692.95	0.00	N/A	N/A
	05/23/06	3771.04	N.D.	78.10	3692.94	00:00	N/A	N/A
	05/26/06	3771.04	N.D.	78.10	3692.94	00'0	N/A	N/A
	06/30/06	3771.04	N.D.	78.13	3692.91	00'0	N/A	N/A
	06/01/06	3771.04	N.D.	78.13	3692.91	00.00	N/A	A/A
	90/90/90	3771.04	N.D.	78.15	3692.89	00.00	N/A	A/A
	90/60/90	3771.04	N.D.	78.13	3692.91	00:00	N/A	N/A
	06/13/06	3771.04	N.D.	78.15	3692.89	0.00	N/A	N/A
	06/16/06	3771.04	N.D.	78.17	3692.87	0.00	N/A	N/A
	06/20/06	3771.04	N.D.	78.17	3692.87	0.00	N/A	N/A
	06/23/06	3771.04	N.D.	78.15	3692.89	0.00	N/A	N/A
	06/27/06	3771.04	N.D.	78.20	3692.84	0.00	N/A	N/A
	90/30/06	3771.04	N.D.	78.19	3692.85	00.0	V/A	N/A

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Pointinmeric PSH THICKNESS (ff) (gallors) 1662 82 0000 N/A 1662 82 0000 N/			Depth to PSH	Depth to Water	Adireted		DSH Volume	PSH
3771.04 N.D. 78.25 3862.89 0.00 NA 3771.04 N.D. 78.25 3862.89 0.00 NA 3771.04 N.D. 78.25 3862.89 0.00 NA 3771.04 N.D. 78.25 3862.79 0.00 NA 3771.04 N.D. 78.25 3862.89 0.00 NA 3771.04 N.D. 78.26 3862.89 0.00 NA 3771.04 N.D. 78.25 3862.89 0.00 NA 3771.04 N.D. 78.25 3862.89 0.00 NA 3771.04 N.D. 78.26 3862.29 0.01 NA 3822.30 0.01 NA 3822.30 0.01 NA 3822.30 0.00 NA 3771.04 N.D. 78.27 3822.30 0.00 NA 3771.04 N.D. 78.26 3862.29 0.00 NA 3771.04 N.D. 78.27 3822.30 0.00 0.00 NA 3771.04 N.D. 78.26 3862.29 0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.0	DATE GAUGED	Relative Top of Casing Elevation (Feet)*	Below Top of	Below Top of	Potentiometric	PSH THICKNESS (#)	Recovered	Recovery
3771.04 N.D. 7822 3852.25 0.00 N.A. 3771.04 N.D. 7825 3852.25 0.00 N.A. 3771.04 N.D. 7825 3852.75 0.00 N.A. 3771.04 N.D. 7825 3852.25 0.00 N.D. 0.00 N.D. 7825 3771.04 N.D. 7825 3852.25 0.00 N.D. 0.00 N.D. 7825 3771.04 N.D. 7825 3852.25 0.00 N.D. 0.00	02/05/06	3771.04	N.D.	78.21	3692.83	000	N/A	N/A
3771.04 N.D. 78.24 3862.80 0.00 N.A. 3771.04 N.D. 78.25 3862.80 0.00 N.A. 3771.04 N.D. 78.25 3862.79 0.00 N.A. 3771.04 N.D. 78.35 3862.79 0.00 N.A. 3771.04 N.D. 78.35 3862.89 0.00 N.A. 3771.04 N.D. 78.45 3862.89 0.00 N.A. 3771.04 N.D. 78.55 3862.89 0.00 N.D. 0.00 N.D. 78.51 3862.89 0.00 N.D. 0.00 N.D	90//0//0	3771.04	N.D.	78.22	3692.82	00:0	N/A	N/A
3771.04 N.D. 78.25 3862.79 0.00 N.A. 3771.04 N.D. 78.25 3862.79 0.00 N.A. 3771.04 N.D. 78.30 3862.79 0.00 N.A. 3771.04 N.D. 78.30 3862.79 0.00 N.A. 3771.04 N.D. 78.35 3862.89 0.00 N.A. 3771.04 N.D. 78.40 3862.89 0.00 N.A. 3771.04 N.D. 78.41 3862.89 0.00 N.A. 3771.04 N.D. 78.45 3862.89 0.00 N.A. 3771.04 N.D. 78.56 3862.81 0.00 N.A. 3771.04 N.D. 78.56 0.00 N.D. 3771.04 N.D. 78.57 N.D. 18.50 0.00 N.D. 3771.04 N.D. 78.58 N.D. 18.50 0.00 N.D. 3771.04 N.D. 78.58 N.D. 18.50 0.00 N.D. 3771.04 N.D. 78.58 N.D. 18.50 0.00 N.D. 3771.04 N.D. 78.59 N.D. 18.50 0.00 N.D. 3771.04 N.D. 78.59 N.D. 18.50 0.00 N.D. 3771.04 N.D. 78.50 N.D. 18.50 0.00 N.D. 3771.04 N.	07/11/06	3771.04	N.D.	78.24	3692.80	0:00	N/A	N/A
377.104	02/13/06	3771.04	N.D.	78.25	3692.79	0:00	N/A	N/A
377.104 N.D	07/18/06	3771.04	Q.V.	78.26	3692.78	0.00	N/A	N/A
3771.04	07/21/06	3771.04	Q'N	78.25	3692.79	0.00	N/A	N/A
3777 OH N.D. 78.34 3682 AB 0.00 NAA 3777 OH N.D. 78.35 3682 AB 0.00 NAA 3777 OH N.D. 78.35 3682 AB 0.00 NAA 3777 OH N.D. 78.35 3682 AB 0.00 NAA 3777 OH N.D. 78.43 3682 AB 0.00 NAA 3777 OH N.D. 78.43 3682 AB 0.00 NAA 3777 OH N.D. 78.44 3682 AB 0.00 NAA 3777 OH N.D. 78.45 3682 AB 0.00 NAA 3777 OH 78.46 78.55 3682 AB 0.00 NAA 3777 OH 78.46 78.55 3682 AB 0.00 NAA 377 OH 78.46 78.53 3682 AB 0.00 NAA 377 OH 78.59 78.53 3682 AB 0.00 NAA 377 OH 78.50 78.53 3682 AB 0.01 0.00	0//25/06	3771.04	2 2	70.50	3692.75	000	Ψ.	Ψ.V.
3777 OH N.D. 78.36 3682.68 0.00 N/A 3777 OH N.D. 78.35 3682.69 0.00 N/A 3777 OH N.D. 78.36 3682.69 0.00 N/A 3777 OH N.D. 78.36 3682.66 0.00 N/A 3771 OH N.D. 78.40 3682.69 0.00 N/A 3771 OH N.D. 78.46 3682.69 0.00 N/A 3771 OH N.D. 78.46 3682.69 0.00 N/A 3771 OH N.D. 78.46 3682.69 0.00 N/A 3771 OH 78.46 78.56 3682.61 0.00 N/A 3771 OH 78.46 78.56 3682.61 0.00 N/A 3771 OH 78.54 78.56 3682.53 0.16 N/A 3771 OH 78.54 78.56 3682.53 0.16 N/A 3771 OH 78.57 78.78 3682.33 0.16 0.00 <td>00/15/100</td> <td>2771.04</td> <td>2 2</td> <td>70.30</td> <td>3032.74</td> <td>38</td> <td>Y.Y</td> <td>Y/N</td>	00/15/100	2771.04	2 2	70.30	3032.74	38	Y.Y	Y/N
3771,04 N.D. 78.36 3622,63 0.00 NAA 3771,04 N.D. 78.36 3622,63 0.00 NAA 3771,04 N.D. 78.36 3622,63 0.00 NAA 3771,04 N.D. 78.40 3622,61 0.00 NAA 3771,04 N.D. 78.40 3622,61 0.00 NAA 3771,04 N.D. 78.40 3622,61 0.00 NAA 3771,04 78.40 78.65 3622,63 0.00 NAA 3771,04 78.40 78.65 3622,63 0.00 NAA 3771,04 78.65 78.70 3622,61 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	00/10/00	10.1716	2 2	70.04	3032.70	88	Y.Y	٧.
3777 04 N.D. 78.36 5826.68 0.00 N/A 3771 04 N.D. 78.36 5826.68 0.00 N/A 3771 04 N.D. 78.43 5826.68 0.00 N/A 3771 04 N.D. 78.44 3682.64 0.00 N/A 3771 04 78.46 78.25 0.00 N/A 3771 04 78.49 78.55 3682.57 0.15 N/A 3771 04 78.49 78.55 3682.43 0.16 N/A 3771 04 78.49 78.53 3682.43 0.16 N/A 3771 04 78.54 78.55 3682.43 0.16 N/A 3771 04 78.54 78.74 3682.43 0.16 0.00 3771 04 78.54 78.75 3682.43 0.10 0.00 3771 04 78.54 78.75 3682.43 0.16 0.00 3771 04 78.57 78.75 3682.44 0.21 0.00	00/00/00	3771.04	2 2	70.30	3632.68	0.00	¥.	Ψ.N.
377104 N.D. 78.40 S622.66 0.00 N/A S77104 N.B.47 78.56 S622.67 0.07 N/A S77104 N.B.47 78.56 S622.67 0.07 N/A S77104 N.B.52 N.B.52 S62 S62 O.07 N/A S77104 N.B.52 N.B.52 S622.61 0.00 N/A S77104 N.B.52 N.B.52 N.B.52 S622.61 0.00 N/A S77104 N.B.52 N.B.52 N.B.52 S622.61 0.00 N/A S77104 N.B.52 N.B.52 N.B.52 N.B.52 S622.61 0.00 N/A S77104 N.B.52 N.B.	00/11/00	9777.04	2 2	70.35	3692.69	88	Y/X	4/2
3771 OH N.D. 78.40 3622 64 0.00 N/A 3771 OH N.D. 78.43 3622 64 0.00 N/A 3771 OH N.D. 78.43 3622 64 0.00 N/A 3771 OH N.B.47 78.55 3622 66 0.07 N/A 3771 OH 78.46 78.55 3622 56 0.07 N/A 3771 OH 78.46 78.55 3622 56 0.07 N/A 3771 OH 78.46 78.55 3622 56 0.05 N/A 3771 OH 78.49 78.53 3622 56 0.07 N/A 3771 OH 78.55 78.73 3622 46 0.20 0.00 3771 OH 78.56 78.73 3622 46 0.20 0.00 3771 OH 78.57 78.83 3622 41 0.21 0.00 3771 OH 78.57 78.83 3622 41 0.20 0.00 3771 OH 78.84 8.84 3622 22 0.00 0.00 <td>00/11/00</td> <td>2777.04</td> <td>2 2</td> <td>70.30</td> <td>3032.00</td> <td>88</td> <td>Y/Y</td> <td>4/2</td>	00/11/00	2777.04	2 2	70.30	3032.00	88	Y/Y	4/2
3771 04 N.D. 78.45 3682 61 0.00 N/A 3771 04 N.D. 78.45 3682 66 0.00 N/A 3771 04 78.46 78.55 3682 66 0.07 N/A 3771 04 78.46 78.55 3682 60 0.07 N/A 3771 04 78.46 78.56 3682 50 0.12 N/A 3771 04 78.46 78.56 3682 50 0.16 N/A 3771 04 78.57 78.58 3682 50 0.16 N/A 3771 04 78.57 78.56 3682 50 0.16 N/A 3771 04 78.59 78.79 3682 40 0.20 0.00 3771 04 78.57 78.78 3682 40 0.20 0.00 3771 04 78.57 78.78 3682 40 0.20 0.00 3771 04 78.57 78.78 3682 31 0.14 0.00 3771 04 78.57 78.78 3682 32 0.14 0.00 <td>00/19/00</td> <td>2777.04</td> <td>2 2</td> <td>78.40</td> <td>3692.60</td> <td>88</td> <td>N/A</td> <td>A/A</td>	00/19/00	2777.04	2 2	78.40	3692.60	88	N/A	A/A
3771 OH N.D. 78.45 3620.59 0.00 N/A 3771 OH N.B.47 78.52 3620.59 0.00 N/A 3771 OH 78.44 78.52 3620.59 0.00 N/A 3771 OH 78.46 78.55 3620.55 0.05 N/A 3771 OH 78.46 78.55 3620.53 0.16 N/A 3771 OH 78.57 78.53 3620.53 0.16 N/A 3771 OH 78.56 78.57 3620.43 0.21 0.00 3771 OH 78.56 78.74 3620.44 0.21 0.00 3771 OH 78.56 78.74 3620.44 0.21 0.00 3771 OH 78.57 78.75 3620.44 0.21 0.00 3771 OH 78.57 78.75 3620.44 0.21 0.00 3771 OH 78.57 78.97 3620.44 0.01 0.00 3771 OH 78.87 78.97 3620.44 0.01 0.0	90/36/00	377104	. Z	70.43	3036.04	8 8	V/A	V
3777 04 78.45 78.55 362.56 0.00 NAA 3777 04 78.49 78.55 3622.56 0.05 NAA 3777 04 78.49 78.55 3622.56 0.05 NAA 3777 04 78.49 78.69 3622.50 0.16 NAA 3777 04 78.49 78.53 3622.50 0.16 NAA 3777 04 78.54 78.74 3622.51 0.00 NAA 3777 04 78.59 78.74 3622.43 0.20 0.00 377 104 78.59 78.74 3622.43 0.20 0.00 377 104 78.50 78.75 3622.43 0.21 0.00 377 104 78.50 78.75 3622.44 0.21 0.00 377 104 78.50 78.75 3622.24 0.02 0.00 377 104 78.57 78.78 3622.22 0.14 0.00 377 104 78.57 78.78 3622.22 0.10 0.00	00/20/00	3771.04	. c	70.45	3692.01	800	Y/V	ν.
3777 OH 78.46 78.56 3682.56 0.05 NAA 3777 OH 78.46 78.56 3682.56 0.05 NAA 3777 OH 78.46 78.56 3682.57 0.12 NAA 3777 OH 78.47 78.55 3682.50 0.16 NAA 377 OH 78.47 78.53 3682.51 0.00 NAA 377 OH 78.57 78.73 3682.45 0.21 0.00 377 OH 78.56 78.77 3682.44 0.20 0.00 377 OH 78.56 78.77 3682.44 0.21 0.00 377 OH 78.57 78.73 3682.44 0.21 0.00 377 OH 78.57 78.73 3682.44 0.20 0.00 377 OH 78.57 78.73 3682.44 0.20 0.00 377 OH 78.57 78.73 3682.44 0.20 0.00 377 OH 78.57 78.57 3682.44 0.21 0.00	08/30/06	3//1.04	N.D.	70.50	3692.59	0.00	Υ/A	Ψ/N
377.104 78.49 78.55 3625.55 0.07 NAA 377.104 78.49 78.55 3682.57 0.16 NAA 377.104 78.49 78.55 3682.57 0.16 NAA 377.104 78.54 78.54 78.54 0.00 NA 377.104 78.54 78.74 3682.43 0.20 0.00 377.104 78.59 78.79 3682.43 0.20 0.00 377.104 78.50 78.79 3682.44 0.21 0.00 377.104 78.50 78.75 3682.44 0.21 0.00 377.104 78.57 78.75 3682.44 0.21 0.00 377.104 78.57 78.75 3682.24 0.00 0.00 377.104 78.87 78.93 3682.24 0.00 0.00 377.104 78.87 78.93 3682.24 0.00 0.00 377.104 78.87 78.93 3682.24 0.00 0.00	00/1/00	3/1.04	/8.4/	78.52	3632.56	90.0	N/A	N/A
3771 OH 78.40 78.56 3682.59 10.12 NAA 3771 OH 78.40 78.64 78.65 3682.59 0.16 NAA 3771 OH 78.52 78.66 3682.50 0.16 NAA 3771 OH 78.56 78.74 3682.53 0.01 100 3771 OH 78.56 78.74 3682.45 0.21 0.00 3771 OH 78.57 78.78 3682.44 0.21 0.00 3771 OH 78.57 78.78 3682.51 0.02 0.00 3771 OH 78.57 78.78 3682.51 0.14 0.00 3771 OH 78.57 78.78 3682.23 0.14 0.00 3771 OH 78.57 78.87 3682.23 0.14 0.00 3771 OH 78.57 78.91 3682.23 0.14 0.00 3771 OH 78.57 78.91 3682.24 0.10 0.00 3771 OH 78.87 78.91 3682.23 <td< td=""><td>09/15/06</td><td>3771.04</td><td>78.48</td><td>78.55</td><td>3692.55</td><td>20.0</td><td>A/A</td><td>A/N</td></td<>	09/15/06	3771.04	78.48	78.55	3692.55	20.0	A/A	A/N
3771 OH 78.49 78.65 3682.53 0.16 N/A 3771 OH 78.25 78.65 3682.50 0.16 N/A 3771 OH 78.56 78.71 3682.50 0.16 N/A 3771 OH 78.56 78.71 3682.43 0.20 0.00 3771 OH 78.59 78.74 3682.44 0.21 0.00 3771 OH 78.50 78.75 3682.44 0.21 0.00 3771 OH 78.50 78.75 3682.44 0.21 0.00 3771 OH 78.57 78.87 3682.34 0.14 0.00 3771 OH 78.77 78.87 78.78 3682.24 0.10 0.00 3771 OH 78.77 78.77 36.27 36.27 0.00 0.00 3771 OH 78.87 78.78 36.82.44 0.00 0.00 3771 OH 78.87 78.93 3682.24 0.00 0.00 3771 OH 78.87 78.90 36	09/20/06	3771.04	78.46	78.58	3692.57	0.12	N/A	N/A
3777.04 78.82 78.64 3682.50 0.016 N/A 3777.04 78.54 78.54 3682.50 0.00 N/A 3777.04 78.56 78.77 3682.44 0.21 0.00 3777.04 78.57 78.78 3682.43 0.21 0.00 3777.04 78.57 78.78 3682.43 0.22 0.00 3777.04 78.57 78.78 3682.51 0.22 0.00 3777.04 78.57 78.78 3682.22 0.14 0.00 3777.04 78.57 78.78 3682.22 0.14 0.00 3777.04 78.57 78.91 3682.23 0.14 0.00 3777.04 78.57 78.91 3682.23 0.14 0.00 3777.04 78.57 78.91 3682.24 0.20 0.00 3777.04 78.82 78.91 3682.24 0.10 0.00 3777.04 78.82 78.93 3682.24 0.20 <t< td=""><td>09/26/06</td><td>3771.04</td><td>78.49</td><td>78.65</td><td>3692.53</td><td>0.16</td><td>N/A</td><td>N/A</td></t<>	09/26/06	3771.04	78.49	78.65	3692.53	0.16	N/A	N/A
3771 OH 78.54 3682.51 0.00 NAA 3771 OH 78.54 78.54 3682.45 1.00 3771 OH 78.56 78.77 3682.45 1.20 1.00 3771 OH 78.59 78.79 3682.45 0.20 0.00 3771 OH 78.50 78.75 3682.45 0.20 0.00 3771 OH 78.50 78.75 3682.45 0.22 0.00 3771 OH 78.57 78.87 3682.45 0.22 0.00 3771 OH 78.77 78.87 3682.45 0.14 0.00 3771 OH 78.77 78.87 3682.44 0.01 0.00 3771 OH 78.77 8.87 3682.44 0.00 0.00 3771 OH 78.89 78.90 3	09/29/06	3771.04	78.52	78.68	3692.50	0.16	N/A	N/A
3771.04 78.54 79.74 3682.36 1.20 1.00 3771.04 78.59 78.77 3682.45 0.21 0.00 3771.04 78.59 78.79 3682.44 0.21 0.00 3771.04 78.57 78.78 3682.51 0.22 0.00 3771.04 78.66 78.78 3682.51 0.14 0.00 3771.04 78.67 78.87 3682.22 0.14 0.00 3771.04 78.77 78.87 3682.22 0.10 0.00 3771.04 78.77 78.78 3682.31 0.00 0.00 3771.04 78.78 78.78 3682.44 0.20 0.00 3771.04 78.78 78.79 3682.41 0.00 0.00 3771.04 78.89 78.90 3682.14 0.00 0.00 3771.04 78.89 78.90 3682.10 0.00 0.00 3771.04 78.89 78.90 3682.10 0.00 <	10/04/06	3771.04	N.D.	78.53	3692.51	0.00	N/A	N/A
377104 78.56 78.77 36824.45 0.21 0.00 377104 78.57 78.79 3682.44 0.20 0.00 377104 78.57 78.79 3682.44 0.21 0.00 377104 78.50 78.73 3682.51 0.25 0.00 377104 78.77 78.87 78.87 3682.31 0.14 0.00 377104 78.77 78.87 78.87 3682.22 0.10 0.00 377104 78.77 78.87 78.89 3682.44 0.21 0.00 377104 78.77 78.87 78.91 3682.44 0.01 0.00 377104 78.77 78.77 78.97 3682.44 0.01 0.00 377104 78.82 78.91 3682.14 0.00 0.00 377104 78.82 78.93 3682.14 0.07 0.00 377104 78.82 78.94 3682.14 0.07 0.00 377104	10/06/06	3771.04	78.54	79.74	3692.36	1.20	1.00	1.00
3771 OH 78.59 78.79 36824.43 0.20 0.00 3771 OH 78.57 78.75 36824.4 0.21 0.00 3771 OH 78.57 78.75 3682.4 0.22 0.00 3771 OH 78.73 78.85 3682.29 0.14 0.00 3771 OH 78.71 78.71 78.73 78.72 0.01 0.00 3771 OH 78.77 78.77 78.78 3682.24 0.01 0.00 3771 OH 78.77 78.78 78.93 3682.24 0.00 0.00 3771 OH 78.78 78.94 3682.34 0.00 0.00 3771 OH 78.89 78.99 3682.90 0.00 0.00 3771 OH 78.89 78.99 3682.16 0.10 0.00 3771 OH 78.89 78.96 3682.16 0.10 0.00 3771 OH 78.89 78.96 3682.16 0.10 0.00 3771 OH 78.89	10/12/06	3771.04	78.56	78.77	3692.45	0.21	0.00	1.00
377104 78.57 78.78 368244 0.21 0.00 377104 78.65 78.78 3682.51 0.25 0.00 377104 78.65 78.78 3682.51 0.14 0.00 377104 78.81 78.91 3682.22 0.14 0.00 377104 78.81 78.91 3682.23 0.14 0.00 377104 78.87 78.81 3682.44 0.21 0.00 377104 78.87 78.91 3682.23 0.10 0.00 377104 78.87 78.93 3682.34 0.00 0.00 377104 78.82 79.91 3682.09 0.00 0.00 377104 78.82 78.93 3682.14 0.10 0.00 377104 78.82 78.96 3682.14 0.10 0.00 377104 78.82 79.04 3682.14 0.10 0.00 377104 78.82 79.04 3682.14 0.10 0.00	10/17/06	3771.04	78.59	78.79	3692.43	0.20	0.00	1.00
3771 04 78.50 78.75 3682.45 0.05 0.00 3771 04 78.57 78.57 78.67 3682.45 0.02 0.00 3771 04 78.77 78.87 3682.23 0.14 0.00 3771 04 78.77 78.77 78.78 3682.44 0.21 0.00 3771 04 78.77 78.78 78.78 3682.44 0.01 0.00 3771 04 78.77 78.78 78.30 3682.24 0.00 0.00 3771 04 78.82 65.81 3669.36 6.53 0.00 3771 04 78.82 78.91 3682.19 0.12 0.00 3771 04 78.82 78.94 3682.19 0.12 0.00 3771 04 78.89 78.94 3682.11 0.12 0.00 3771 04 78.89 78.94 3682.11 0.12 0.00 3771 04 78.89 78.94 3682.11 0.12 0.00 3771 04 <t< td=""><td>10/20/06</td><td>3771.04</td><td>78.57</td><td>78.78</td><td>3692.44</td><td>0.21</td><td>00:00</td><td>1.00</td></t<>	10/20/06	3771.04	78.57	78.78	3692.44	0.21	00:00	1.00
3771 04 78.56 78.78 36824.45 0.02 0.00 3771 04 78.77 78.87 78.87 3682.29 0.14 0.00 3771 04 78.87 78.87 3682.22 0.10 0.00 3771 04 78.87 78.73 3682.44 0.27 0.00 3771 04 78.87 78.73 3682.44 0.00 0.00 3771 04 78.87 78.93 3682.31 0.00 0.00 3771 04 78.88 78.91 3682.09 0.00 0.00 3771 04 78.89 78.99 3682.19 0.00 0.00 3771 04 78.89 78.96 3682.19 0.00 0.00 3771 04 78.89 78.90 3682.11 0.12 0.00 3771 04 78.90 78.92 3682.11 0.12 0.00 3771 04 78.90 78.92 3682.13 0.02 0.00 3771 04 78.90 78.92 3682.13	10/24/06	3771.04	78.50	78.75	3692.51	0.25	0.00	1.00
377104 78.71 78.85 3682.31 0.14 0.00 377104 78.81 78.91 3682.22 0.10 0.00 377104 78.73 78.92 3692.44 0.01 0.00 377104 78.77 78.78 3692.44 0.21 0.00 377104 78.78 78.91 3682.34 0.20 0.00 377104 78.28 85.81 3680.38 6.53 0.00 377104 78.82 78.91 3682.19 0.12 0.00 377104 78.82 78.91 3682.19 0.10 0.00 377104 78.82 78.92 3682.11 0.10 0.00 377104 78.82 78.92 3682.11 0.12 0.00 377104 78.92 78.92 3682.11 0.12 0.00 377104 78.92 78.92 3682.13 0.03 0.00 377104 78.93 78.93 3682.13 0.03 0.00	10/26/06	3771.04	78.56	78.78	3692.45	0.22	00:00	1.00
377104 78.17 78.91 3652.29 0.14 0.00 377104 78.81 78.91 3652.22 0.10 0.00 377104 78.57 78.78 3652.41 0.01 0.00 377104 78.87 78.78 3652.41 0.00 0.00 377104 78.28 78.91 3652.09 1.09 0.00 377104 78.88 78.96 3652.15 0.10 0.00 377104 78.88 78.96 3652.11 0.12 0.00 377104 78.82 78.92 3652.11 0.12 0.00 377104 78.82 78.92 3652.11 0.12 0.00 377104 78.82 78.92 3652.11 0.12 0.00 377104 78.92 79.04 3652.11 0.10 0.00 377104 78.92 79.04 3652.11 0.10 0.00 377104 78.91 78.92 3652.13 0.06 0.00 377104 78.91 78.92 3652.13 0.00 0.00 377104 78.91 78.92 3652.01 0.10 0.00 377104 78.91 78.92 3652.05 0.11 0.00 377104 78.91 78.92 3652.06 0.11 0.00 377104 78.91 79.06 3652.06 0.11 0.00 377104 78.97 79.08 3652.06 0.11 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.11 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.07 0.09 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.08 3652.06 0.12 0.00 377104 78.97 79.09 3652.06 0.12 0.00 377104 78.97 79.09 3652.06 0.12 0.00 377104 78.97 79.09 3652.06 0.12 0.00 377104 78.97 79.09 3652.00 0.10 0.00 377104 78.97 79.09 3652.00 0.10 0.10 377104 78.97 79.09 3652.00 0.10 0.00 3771	11/22/06	3771.04	78.71	78.85	3692.31	0.14	00:0	1.80
377104 78.81 3682.42 0.10 0.00 377104 78.87 78.73 3682.44 0.21 0.00 377104 78.73 78.73 3682.44 0.21 0.00 377104 78.73 868.74 0.00 0.00 377104 78.82 78.91 3682.19 0.10 0.00 377104 78.82 78.93 3682.19 0.10 0.00 377104 78.82 78.93 3682.11 0.10 0.00 377104 78.82 79.02 3682.11 0.10 0.00 377104 78.82 79.02 3682.11 0.10 0.00 377104 78.82 79.04 3682.11 0.10 0.00 377104 78.82 79.04 3682.11 0.10 0.00 377104 78.82 79.04 3682.11 0.10 0.00 377104 78.82 79.04 3682.11 0.10 0.00 377104 78.83 79.04 3682.10 0.10 0.00 377104 78.87 79.08 3682.06 0.11 0.00 377104 78.87 79.08 3682.06 0.11 0.00 377104 78.87 79.08 3682.06 0.11 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.07 0.09 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 3682.06 0.12 0.00 377104 78.87 79.08 79.08 0.00 0.00 377104 78.87 79.08 79.08 0.00 0.00 377104 78.87 79.08 79.08 0.00 0.00 377104 79.08 79.08 0.	11/28/06	3771.04	78.73	78.87	3692.29	0.14	00:0	1.00
3771 OH 78.57 78.78 3662.44 0.21 0.00 3771 OH 78.78 78.39 3662.31 0.00 0.00 3771 OH 78.78 85.81 3660.38 6.53 0.00 3771 OH 78.28 78.91 3662.19 0.02 0.00 3771 OH 78.89 78.96 362.11 0.10 0.00 3771 OH 78.89 78.96 362.11 0.10 0.00 3771 OH 78.89 78.96 362.11 0.10 0.00 3771 OH 78.89 78.02 362.11 0.12 0.00 3771 OH 78.89 78.02 362.11 0.12 0.00 3771 OH 78.90 78.92 362.11 0.12 0.00 3771 OH 78.90 78.92 362.11 0.10 0.00 3771 OH 78.97 79.02 362.06 0.11 0.00 3771 OH 78.97 79.06 362.06 0.11 0.00 </td <td>12/06/06</td> <td>3771.04</td> <td>78.81</td> <td>78.91</td> <td>3692.22</td> <td>0.10</td> <td>00:0</td> <td>1.00</td>	12/06/06	3771.04	78.81	78.91	3692.22	0.10	00:0	1.00
377104 0.00 78.73 3620.34 0.00 0.00 377104 78.78 78.99 3692.24 0.20 0.00 377104 78.28 78.91 3692.24 0.00 0.00 377104 78.82 78.91 3682.19 0.10 0.00 377104 78.89 78.96 362.14 0.07 0.00 377104 78.89 78.90 362.14 0.07 0.00 377104 78.92 78.92 362.11 0.12 0.00 377104 78.92 78.92 362.13 0.02 0.00 377104 78.92 78.92 362.13 0.12 0.00 377104 78.93 78.92 362.13 0.02 0.00 377104 78.97 78.92 362.20 0.11 0.00 377104 78.97 79.08 362.20 0.11 0.00 377104 78.97 79.08 362.06 0.11 0.00	12/08/06	3771.04	78.57	78.78	3692.44	0.21	00:0	1.00
3771 O4 78.78 78.98 3650.24 0.00 3771 O4 78.28 65.81 3660.96 6.53 0.00 3771 O4 78.82 78.91 3620.99 1.09 0.00 3771 O4 78.84 78.96 3627.19 0.10 0.00 3771 O4 78.89 78.94 3627.19 0.10 0.00 3771 O4 78.89 78.96 3627.11 0.10 0.00 3771 O4 78.89 78.94 3627.11 0.12 0.00 3771 O4 78.90 78.90 3627.13 0.12 0.00 3771 O4 78.90 78.90 3627.13 0.12 0.00 3771 O4 78.97 79.08 3627.13 0.10 0.00 3771 O4 78.97 79.08 3627.10 0.11 0.00 3771 O4 78.97 79.08 3622.10 0.11 0.00 3771 O4 78.97 79.08 3622.06 0.11 0.00	12/12/06	3771.04	0.00	78.73	3692.31	0:00	00:0	1.00
3771 OA 79.28 66.81 3680.98 6.53 0.00 3771 OA 78.82 79.31 3682.09 1.09 0.00 3771 OA 78.88 78.96 3682.15 0.10 0.00 3771 OA 78.89 78.96 3682.14 0.07 0.00 3771 OA 78.89 78.92 3682.14 0.07 0.00 3771 OA 78.89 78.02 3682.11 0.12 0.00 3771 OA 78.89 78.20 3682.13 0.08 0.00 3771 OA 78.90 78.92 3682.13 0.02 0.00 3771 OA 78.90 78.92 3682.13 0.08 0.00 3771 OA 78.97 78.98 3682.06 0.11 0.00 3771 OA 78.97 79.08 3682.06 0.11 0.00 3771 OA 78.97 79.08 3682.01 0.01 0.00 3771 OA 78.97 79.06 3682.01 0.01 <	12/15/06	3771.04	78.78	78.98	3692.24	0.20	00:0	1.00
3771 OH 78.82 78.91 3682.09 1.09 0.00 3771 OH 78.89 78.99 3682.19 0.12 0.00 3771 OH 78.89 78.92 362.14 0.10 0.00 3771 OH 78.89 78.02 362.14 0.07 0.00 3771 OH 78.82 79.04 362.11 0.12 0.00 3771 OH 78.92 79.04 362.11 0.12 0.00 3771 OH 78.90 78.90 362.13 0.08 0.00 3771 OH 78.91 79.08 362.22 0.11 0.00 3771 OH 78.97 79.08 362.26 0.11 0.00 3771 OH 78.97 79.08 362.06 0.12 0.00 3771 OH 78.97 79.08 3622.06 0.11 0.00 3771 OH 78.97 79.08 3622.06 0.12 0.00 3771 OH 78.97 79.08 3622.06 0.12 0.00<	12/20/06	3771.04	79.28	85.81	3690.98	6.53	00:00	1.00
3771 OH 78.84 78.96 3622.19 0.02 0.00 3771 OH 78.89 78.99 3622.15 0.10 0.00 3771 OH 78.82 78.96 3622.11 0.01 0.00 3771 OH 78.82 78.04 3622.11 0.10 0.00 3771 OH 78.82 78.02 3622.11 0.12 0.00 3771 OH 78.89 78.02 3622.11 0.12 0.00 3771 OH 78.90 78.39 3622.13 0.04 0.00 3771 OH 78.87 78.90 3622.06 0.11 0.00 3771 OH 78.87 79.05 3622.06 0.11 0.00 3771 OH 78.87 79.05 3622.06 0.11 0.00 3771 OH 78.97 79.05 3622.06 0.12 0.00 3771 OH 78.96 79.05 3622.06 0.12 0.00 3771 OH 78.97 79.05 3622.06 0.12 <	12/22/06	3771.04	78.82	79.91	3692.09	1.09	00:00	1.00
3771.04 78.88 78.98 3682.15 0.10 0.00 3771.04 78.98 78.96 3682.14 0.07 0.00 3771.04 78.92 78.92 3682.11 0.12 0.00 3771.04 78.92 78.04 3682.13 0.12 0.00 3771.04 78.90 78.92 3682.13 0.12 0.00 3771.04 78.90 78.92 3682.13 0.08 0.00 3771.04 78.97 78.99 3682.26 0.11 0.00 3771.04 78.97 79.08 3682.06 0.11 0.00 3771.04 78.97 79.08 3682.06 0.11 0.00 3771.04 78.97 79.08 3682.06 0.12 0.00 3771.04 78.97 79.08 3682.06 0.12 0.00 3771.04 78.97 79.08 3682.06 0.12 0.00 3771.04 78.97 79.08 3682.06 0.12 <	12/27/06	3771.04	78.84	78.96	3692.19	0.12	00:00	1.00
377.104 78.89 78.96 3882.14 0.07 0.00 377.104 78.92 78.94 3882.11 0.10 0.00 377.104 78.92 78.94 3882.11 0.12 0.00 377.104 78.90 78.30 3882.13 0.12 0.00 377.104 78.91 78.32 3882.22 0.11 0.00 377.104 78.97 79.08 3882.06 0.12 0.00 377.104 78.97 79.08 3882.06 0.11 0.00 377.104 78.97 79.06 3882.07 0.09 0.00 377.104 78.97 79.06 3882.07 0.09 0.00 377.104 78.97 79.06 3882.07 0.09 0.00 377.104 78.96 79.06 3882.07 0.09 0.00 377.104 78.97 79.06 3882.07 0.09 0.00 377.104 78.98 79.105 3882.07 0.00 0.00 377.104 78.98 79.105 3882.07 0.00 0.00 377.104 78.98 79.105 3882.07 0.00 0.00 377.104 78.98 79.105 3882.07 0.00 0.00 377.104 78.98 79.105 3882.07 0.00 0.00 377.104 78.98 79.105 3882.07 0.00 0.00 377.104 78.98 79.105 3882.07 0.00 0.00 377.104 78.98 79.105 3882.00 0.17 0.00 377.104 78.98 79.105 3882.00 0.17 0.00 377.104 78.98 79.105 3882.00 0.17 0.00 377.104 78.98 79.105 3882.00 0.17 0.00 377.104 78.98 79.105 3882.00 0.17 0.00 377.105 78.98 79.105 3882.00 0.17 0.00 377.106 78.98 79.105 79.105 0.00 377.107 78.98 79.105 79.105 0.00 377.107 78.98 79.105 79.105 0.00 377.107 78.98 79.105 79.105 0.00 377.107 78.98 79.105 79.105 0.00 377.107 78.98 79.105 79.105 0.00 377.107 78.98 79.105 79.105 0.00 377.107 78.98 79.105 79.105 0.00 377.107 78.98 79.105 79.105 0.00 377.107 78.105 79.105 79.105 0.00 377.107 78.105 79.105 79.105 79.105 0.00 377.107 78.105 79.105 79.105 79.105 0.00 377.107 78.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105 79.105	01/03/07	3771.04	78.88	78.98	3692.15	0.10	0.00	1.00
3771.04 78.92 79.02 36821.1 0.10 0.00 3771.04 78.92 79.02 36821.1 0.12 0.00 3771.04 78.90 78.92 3682.13 0.12 0.00 3771.04 78.90 78.98 3682.13 0.01 0.00 3771.04 78.97 78.98 3682.23 0.11 0.00 3771.04 78.97 79.08 3682.06 0.11 0.00 3771.04 78.97 79.08 3682.11 0.14 0.00 3771.04 78.97 79.06 3682.11 0.14 0.00 3771.04 78.97 79.06 3682.06 0.11 0.00 3771.04 78.97 79.05 3682.06 0.12 0.00 3771.04 78.97 79.05 3682.06 0.12 0.00 3771.04 78.97 79.05 3682.06 0.12 0.00	01/05/07	3771.04	78.89	78.96	3692.14	0.07	0.00	1.00
377.104 78.92 79.04 3822.11 0.12 0.00 377.104 78.90 78.92 3622.13 0.12 0.00 377.104 78.90 78.92 3622.23 0.11 0.00 377.104 78.91 79.09 3622.06 0.12 0.00 377.104 78.97 79.08 3622.06 0.12 0.00 377.104 78.97 79.08 3622.07 0.10 0.00 377.104 78.97 79.05 3622.04 0.12 0.00 377.104 78.98 79.15 3622.04 0.17 0.00 377.104 78.98 79.15 3622.04 0.17 0.00 377.104 78.98 79.15 3622.04 0.17 0.00 377.104 78.98 79.15 3622.04 0.17 0.00 377.104 78.98 79.15 3622.04 0.17 0.00 377.104 78.98 79.15 3622.04 0.17 0.00 377.104 78.98 79.15 3622.04 0.17 0.00 377.104 78.98 79.15 3622.04 0.17 0.00 377.104 78.98 79.15 79.15 79.25 79.25 377.104 78.98 79.15 79.15 79.25 79.25 377.104 78.98 79.15 79.15 79.25 79.25 377.104 78.98 79.15 79.15 79.25 79.25 377.104 78.98 79.15 79.15 79.25 79.25 377.104 78.98 79.15 79.15 79.25 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.25 377.104 78.98 79.15 79.15 79.15 377.104 78.98 79.15 79.15 79.15 377.104 78.98 79.15 79.15 79.15 377.104 78.98 79.15 79.15 79.15 377.104 78.98 79.15 79.15 79.15 377.104 78.98 79.15 79.15 79.15 377.104 78.98 79.15 79.15 79.15 377.104 78.98 79.15 79.15 79.15 377.104 78.98 79.15 79.15 79.15 377.104 78.98 79.15 79.15 79.15 377.104 79.15 79.15 79.15 79.15 377.104 79.15 79.15 79	01/12/07	3771.04	78.92	79.02	3692.11	0.10	0.00	1:00
377.04 78.90 78.92 3862.13 0.12 0.00 377.104 78.90 78.90 78.92 3862.13 0.01 0.00 377.104 78.97 78.96 3862.05 0.17 0.00 377.104 78.97 78.96 3862.06 0.11 0.00 377.104 78.96 79.05 3622.11 0.14 0.00 377.104 78.96 79.05 3622.11 0.14 0.00 377.104 78.96 79.05 3622.07 0.09 0.00 377.104 78.97 79.05 3622.04 0.17 0.00	01/15/07	3771.04	78.92	79.04	3692.11	0.12	0.00	1.00
3771.04 78.90 78.92 3682.13 0.08 0.00 3771.04 78.97 78.92 3682.02 0.11 0.00 3771.04 78.97 78.92 3682.06 0.12 0.00 3771.04 78.97 79.08 3682.16 0.11 0.00 3771.04 78.97 79.06 3682.17 0.14 0.00 3771.04 78.96 79.05 3682.07 0.09 0.00 3771.04 78.97 79.05 3682.06 0.12 0.00 3771.04 78.97 79.16 3682.06 0.12 0.00 3771.04 78.97 79.16 3682.06 0.17 0.00	01/18/07	3771.04	78.90	79.02	3692.13	0.12	0.00	1.00
377.104 78.81 78.92 3682.22 0.11 0.00 377.104 78.97 79.08 3682.06 0.12 0.00 377.104 78.97 79.08 3682.06 0.11 0.00 377.104 78.97 79.05 3682.04 0.14 0.00 377.104 78.96 79.05 3682.06 0.12 0.00 377.104 78.97 79.05 3682.06 0.12 0.00 377.104 78.99 79.16 3862.04 0.17 0.00	01/31/07	3771.04	78.90	78.98	3692.13	90:0	0.00	9:1
377.104 78.97 79.08 3682.06 0.12 0.00 377.104 78.97 79.08 3682.06 0.11 0.00 377.104 78.91 79.05 3692.11 0.14 0.00 377.104 78.96 79.05 3682.07 0.09 0.00 377.104 78.96 79.15 3682.04 0.12 0.00 377.104 78.99 79.15 3682.04 0.17 0.00	02/01/07	3771.04	78.81	78.92	3692.22	0.11	0:00	1:00
377.104 778.97 79.08 3682.06 0.11 0.00 377.104 778.96 3682.11 0.14 0.00 377.104 778.96 3682.07 0.09 0.00 377.104 78.96 3682.06 0.12 0.00 377.104 78.98 79.15 3682.06 0.12 0.00 377.104 78.98 79.15 3682.04 0.17 0.00	05/09/02	3771.04	78.97	79.09	3692.06	0.12	0.00	1:00
377.04 78.91 79.05 3682.11 0.14 0.00 0.00 377.104 78.99 79.05 3682.06 0.12 0.00 377.104 78.99 79.95 3882.06 0.17 0.00 0.00 0.00 0.00 0.00 0.00 0.00	02/13/07	3771.04	78.97	79.08	3692.06	0.11	0.00	1:00
3771.04 78.96 78.05 0.00 0.00 0.00 0.00 0.00 0.00 0.00	05/16/07	3771.04	78.91	79.05	3692.11	0.14	0.00	1.00
377.04 78.98 79.15 3622.04 0.17 0.00	02/19/07	3771.04	78.96	79.05	3692.07	60.0	0:00	1.00
377.04 78.98 79.15 3692.04 0.17 0.00	02/21/07	3771.04	78.97	79.09	3692.06	0.12	0.00	9.1
	02/26/07	3771.04	78.98	/9.15	3692.04	0.17	0.00	1.00





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			Depth to PSH	Depth to Water	Adjusted		PSH Volume	PSH Cummulative
WELLID	DATE GAUGED	Relative Top of Casing Elevation (Feet)*	Selow Top of Casing (Feet)	Below Top of Casing (Feet)	Potentiometric Surface (Feet)*	PSH THICKNESS (ft)	Recovered (gallons)	Recovery (gallons)
MW-2	03/06/07	3771.04	78.94	79.04	3692.09	0.10	000	1.80
	03/09/07	3771.04	78.97	79.11	3692.05	0.14	00.0	1.00
	03/13/07	3771.04	78.96	85.97	3685.07	00:0	000	1.00
	03/23/07	3771.04	78.98	79.15	3692.04	0.17	00:00	1.00
	03/27/07	3772.07	78.97	79.15	3633.08	0.18	00:0	1.00
	04/06/07	3772.07	79.03	79.15	3693.03	0.12	00:00	1.00
	04/11/07	3772.07	79.03	79.17	3693.03	0.14	00:0	97.
	04/17/07	3772.07	79.03	79.18	3693.03	0.15	2.00	8.00
	04/19/07	3772.07	79.02	79.18	3693.03	0.16	00.0	8.00
	04/24/07	3772.07	79.01	79.12	3693.05	0.11	00:00	8.00
	05/01/07	3772.07	79.07	79.27	3692.98	0.20	0.00	8.00
	05/21/07	3772.07	79.10	79.25	3692.96	0.15	8.0	8.00
	05/24/07	3772.07	79.11	79.13	3692.96	0.02	00.00	8.00
	20/19/02	3772.07	79.18	79.45	3692.86	0.27	800	8.00
	06/28/07	3772.07	79.22	79.40	3692.83	0.18	0.0	8.00
	08/01/02	3772.07	79.12	79.36	3692.93	0.24	00.0	8.00
	08/17/07	3772.07	79.24	79.45	3692.81	0.21	00:00	8,00
	08/23/07	3772.07	79.22	79.48	3692.82	0.26	000	8.00
	08/31/07	3772.07	79.25	79.52	3692.79	0.27	000	8.00
	09/20/07	3772.07	79.32	79.61	3692.72	0.29	000	8.00
	09/21/07	3772.07	79.36	79.66	3692.68	0.30	000	800
	10/11/07	3772.07	79.34	79.60	3692.70	0.26	00.00	8.00
	10/18/07	3772.07	79.40	79.68	3692.64	0.28	00:00	8.00
	11/27/07	3772.07	79.52	79.79	3692.52	0.27	000	800
	12/17/07	3772.07	79.56	79.85	3692.48	0.29	0.00	8:00
	12/28/07	3772.07	99:62	79.96	3692.38	0:30	00:00	8:00
	12/31/08	3772.07	69.62	79.98	3692.35	0.29	0.00	8:00
MW-3	10/29/04	3771.94	N.D.	78.18	3693.76	0.00	N/A	N/A
	11/04/04	3771.94	N.D.	78.26	3693.68	0.00	N/A	N/A
	11/10/04	3771.94	N.D.	78.30	3693.64	0.00	N/A	N/A
	11/17/04	3771.94	N.D.	78.33	3693.61	0.00	N/A	N/A
	11/24/04	3771.94	N.D.	78.41	3693.53	0.00	N/A	N/A
	12/02/04	3771.94	N.D.	78.37	3693.57	0.00	N/A	N/A
	12/08/04	3771.94	N.D.	78.30	3693.64	0.00	N/A	N/A
	12/15/04	3771.94	N.D.	78.26	3633.68	00.0	N/A	V/N
	12/27/04	3771.94	N.D.	78.42	3693.52	00:00	N/A	N/A
	12/29/04	3771.94	N.D.	78.42	3693.52	00:0	N/A	N/A
	01/06/05	3771.94	N.D.	78.44	3693.50	00:0	N/A	N/A
	01/13/05	3771.94	'G'N	78.48	3693.46	00:00	N/A	N/A
	01/19/05	3771.94	'O'N	78.45	3693.49	000	N/A	N/A
	01/26/05	3771.94	'O'N	05'87	3693.44	00.00	N/A	N/A
	90/20/20	3771.94	N.D.	78.55	3693.39	00:0	N/A	N/A
	02/03/05	3771.94	N.D.	78.52	3693.42	00:00	A/A	N/A
	02/16/05	3771.94	N.D.	78.48	3693.46	00:0	N/A	N/A
	02/24/05	3771.94	N.D.	78.48	3693.46	00:0	N/A	N/A
	03/03/05	3771.94	N.D.	78.54	3693.40	00:00	N/A	N/A
	03/11/05	3771.94	N.D.	78.53	3693.41	00:0	N/A	N/A
	03/18/05	3771.94	N.D.	78.51	3693.43	00:00	N/A	N/A
	03/31/05	3771.94	N.D.	78.56	3693.38	0.00	N/A	N/A
	04/07/05	3771.94	N.D.	78.54	3693.40	000	V/A	N/A





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			Denth to Dou	Denth to Water	Adiretor		own Volume	FSH Cummidation
WELL ID	DATE GAUGED	Relative Top of Casing Elevation (Feet)*	Below Top of Casing (Feet)	Below Top of Casing (Feet)	Potentiometric Surface (Feet)*	PSH THICKNESS (#)	Recovered (gallons)	Recovery (gallons)
MW-3	06/26/06	3771.94	60.62	81.20	3692.60	2.11	000	11.46
	90/06/50	3771.94	79.04	81.59	3692.59	2.55	1.50	12.96
	90/10/90	3771.94	29.03	80.53	3692.73	1.50	00:0	12.96
	90/90/90	3771.94	79.23	86.08	3692.50	1.75	00:00	12.96
	90/60/90	3771.94	79.18	81.10	3692.53	1.92	0.00	12.96
	06/13/06	3771.94	79.12	81.20	3692.57	2.08	00:00	15.96
	06/16/06	3771.94	78.11	81.58	3693.41	3.47	00:00	12.96
	06/20/06	3771.94	79.07	81.78	3692.54	2.71	0:00	12.96
	06/23/06	3771.94	79.03	81.89	3692.57	2.86	00:00	12.96
	06/27/06	3771.94	79.02	82.18	3692.54	3.16	0:00	12.96
	90/08/90	3771.94	29.00	82.23	3692.55	3.23	0.00	12.96
	90/90/20	3771.94	79.98	82.46	3691.66	2.48	0:00	12.96
	90/20/20	3771.94	78.97	82.57	3692.54	3.60	0.00	12.96
	02/11/06	3771.94	78.97	82.72	3692.52	3.75	0:00	12.96
	02/13/06	3771.94	78.86	82.80	3692.61	3.94	0.00	12.96
	07/18/06	3771.94	78.94	82.95	3692.52	4.01	0.00	12.96
	02/21/06	3771.94	78.73	82.39	3692.70	4.26	0.00	15.96
	02/25/06	3771.94	78.93	83.11	3692.51	4.18	0.00	12.96
	07/27/06	3771.94	78.92	83.14	3692.51	4.22	0.00	12.96
	08/01/06	3771.94	78.94	83.27	3692.48	4.33	0:00	12.96
	90/03/00	3771.94	78.95	83.30	3692.47	4.35	0.00	12.96
	90/60/80	3771.94	78.95	83.37	3692.46	4.42	0.00	12.96
	08/11/06	3771.94	78.96	83.37	3692.45	4.41	0.00	12.96
	08/15/06	3771.94	78.98	83.45	3692.42	4.47	0.00	12.96
	08/18/06	3771.94	78.98	83.47	3692.42	4.49	0.00	12.96
	08/25/06	3771.94	79.00	83.55	3692.39	4.55	0.00	12.96
	90/30/06	3771.94	79.02	83.61	3692.37	4.59	0.00	12.96
	09/12/06	3771.94	79.16	83.71	3692.23	4.55	0.00	12.96
	90/12/06	3771.94	79.04	83.72	3692.34	4.68	0.00	12.96
	09/20/06	3771.94	79.05	83.75	3692.33	4.70	0.00	12.96
	09/56/06	3771.94	79.09	83.80	3692.28	4.71	0.00	12.96
	90/62/60	3771.94	79.10	83.81	3692.27	4.71	0.00	12.96
	10/04/06	3771.94	79.13	83.94	3692.23	4.81	0.00	12.96
	10/06/06	3771.94	79.47	82.28	3692.13	2.81	0:00	12.96
	10/12/06	3771.94	79.55	82.04	3692.09	2.49	1.00	13.96
	10/17/06	3771.94	79.54	82.11	3692.09	2.57	8	14.96
	10/20/06	3771.94	79.52	82.29	3692.09	2.77	0:00	14.96
	10/24/06	3771.94	79.54	82.10	3692.09	2.56	0.00	14.96
	10/26/06	3771.94	79.58	82.29	3692.03	2.71	00:00	14.96
	11/22/06	3771.94	79.72	82.07	3691.94	2.35	1.50	16.46
	11/28/06	3771.94	79.92	81.27	3691.86	1.35	0.50	16.96
	12/06/06	3771.94	80.08	81.03	3691.75	0.95	00:0	16.96
	12/08/06	3771.94	79.52	82.29	3692.09	2.77	0.00	16.96
	12/12/06	3771.94	80.06	82.45	3691.59	2.39	2.00	18.96
	12/15/06	3771.94	80.04	81.03	3691.78	0.99	00:0	18.96
	12/20/06	3771.94	79.98	81.29	3691.80	1.31	00:0	96'81
	12/22/06	3771.94	79.98	81.46	3691.78	1.48	0.00	18.96
	12/27/06	3771.94	79.94	81.82	3691.77	1.88	0.00	18.96
	01/03/07	3771.94	80.15	80.94	3691.70	0.79	0.00	18.96
	01/05/07	3771.94	80.12	81.02	3691.71	0.90	0.00	18.96
	01/12/07	3771 04	80.08	8138	3691.70	130	600	18 96





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PSH	Becovery	(gallons)	18.96	19.46	19.46	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	23.71	24.71	24.96	25.96	25.96	27.56	27.56	27.56	27.56	27.56	27.56	29.56		
OCH Volume	Becovered		0.00	0.50	00:0	0.25	00:0	00:0	00:0	00:0	00:0	00:0	00:0	00:0	00:0	00:0	00:0	00.00	0.00	00.0	00:0	00:0	00:0	00:0	00:0	00:0	00:0	00:0	4.00	1.00	0.25	1.00	00'0	1.60	00:0	00:0	0.00	0.00	00:0	2.00		
	HSd	THICKNESS (ft)	0.44	0.58	0.94	1.48	0.27	0.52	0.68	06.0	0.93	1.23	1.41	1.69	1.55	202	2.13	2.41	2.87	3.11	3.21	3.28	2.38	4.06	3.90	1.71	4.32	4.24	4.20	2.58	2.48	1.01	1.96	1.99	1.59	0.58	2.45	5.84	3.26	2.42		_
Adireted	Potentiometric	Surface (Feet)*	3691.63	3691.65	3691.59	3691.79	3691.58	3691.59	3691.63	3691.64	3691.64	3691.59	3691.62	3691.72	3691.68	3691.67	3691.64	3692.61	3692.61	3692.65	3692.64	3692.64	3692.75	3692.64	3692.62	3692.83	3692.63	3692.52	3692.60	3692.47	3692.26	3692.20	3692.29	3692.28	3692.19	3692.09	3692.11	3692.02	3691.92	3691.95		
Denth to Water	Below Top of	Casing (Feet)	80.70	80.80	81.18	81.45	80.60	80.81	80.91	81.09	81.12	81.43	81.56	81.71	81.62	82.07	82.17	82.42	82.83	83.01	83.11	83.17	82.25	83.87	83.75	81.57	84.12	84.16	84.04	82.71	82.83	81.57	82.33	82.37	82.10	81.29	82.96	83.40	83.87	83.09		
Denth to PSH	Below Top of	Casing (Feet)	80.26	80.22	80.24	79.97	80.33	80.29	80.23	80.19	80.19	80.20	80.15	80.02	80.07	80.03	80.04	80.01	96.62	79.90	79.90	79.89	79.87	79.81	79.85	79.86	79.80	79.92	79.84	80.13	80.35	80.56	80.37	80.38	80.51	80.71	80.51	80.56	80.61	80.67		
	Relative Top of Casing	Elevation (Feet)*	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3771.94	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86		
		DATE GAUGED	01/15/07	01/18/07	01/31/07	02/07/07	02/09/07	02/13/07	02/16/07	02/19/07	02/21/07	02/26/07	03/01/07	03/06/07	03/09/07	03/13/07	03/23/07	03/27/07	04/06/07	04/11/07	04/17/07	04/19/07	04/24/07	06/01/07	06/21/07	05/24/07	06/19/07	06/28/07	08/07/07	08/17/07	08/23/07	08/31/07	09/20/07	09/21/07	10/11/07	10/18/07	11/27/07	12/17/07	12/28/07	12/31/07		
		WELL ID	MW-3																																							



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Section Section

	DATE GAUGED	Relative Top of Casing Elevation (Feet)*	Below Top of Casing (Feet)	Below Top of Casing (Feet)	Surface (Feet)*	THICKNESS (ft)	(gallons)	Recovery (gallons)
11 11 11	29/04	3772.86	N.D.	79.22	3693.64	0.00	A/N	N/A
11/	04/04	3772.86	ď.	79.35	3693.51	00:0	N/A	N/A
11/2	10/04	3772.86	N.D.	79.34	3693.52	00:00	N/A	N/A
7/L1	17/04	3772.86	O.	79.41	3693.45	0.00	N/A	N/A
	24/04	3/72.86	N.D.	/9.49	3693.37	0.00	N/A	N/A
101	4000	3772.80	2 2	79.40	3693.40	38	V/N	V/V
12,	10/04	3777 05	2 2	70.02	2000.01	38	4/4	V/V
100	100	37720 00	2 2	19.55	3030.03	300	¥/2	4/2
10.	5//2	3772000	2 2	70.42	3030.38	30.0	N/A	V/A
710	1000 E	37779 86	2 2	70.54	3030.33	38	V/N	A/A
5 6	20,00	3112.00	2 2	19.51	3030.33	30.0	A/A	N/A
	20/07	3772.80	. C	43.54	36.566.02	3.5	N/A	N/A
100	20,50	3772.86	. Z	19.51	3693.35	30.0	N/A	N/A
OI.	Solor	3772.86	N.D.	79.54	3693.32	0.00	N/A	Y.A
200	9770	3772.86	N.D.	19.51	3693.35	0.00	N/A	N/A
200	co.so	3/72.86	N.D.	/9.58	3693.28	0.00	N/A	N/A
200	DAG:	3/72.86	N.D.	79.52	3693.34	0:00	A/A	N/A
20	24/05	3772.86	N.D.	79.55	3693.31	00:0	N/A	N/A
O3/	03/05	3772.86	ď.	79.57	3693.29	00.0	N/A	N/A
(33/	11/05	3772.86	N.D.	79.46	3693.40	0.00	N/A	A/A
(S)	18/05	3772.86	N.D.	79.57	3693.29	0.00	N/A	N/A
33,	31/05	3772.86	N.D.	79.61	3693.25	0.00	N/A	N/A
β,	02/05	3772.86	N.D.	79.59	3693.27	0.00	N/A	N/A
95	18/05	3772.86	N.D.	79.40	3693.46	0.00	N/A	N/A
S	23/05	3772.86	N.D.	79.40	3693.46	0.00	N/A	N/A
Š	01/05	3772.86	N.D.	29.66	3693.20	0.00	N/A	N/A
90	30/05	3772.86	N.D.	79.65	3693.21	0.00	N/A	N/A
90	90//09	3772.86	N.D.	79.67	3693.19	0.00	N/A	N/A
98	06/10/05	3772.86	N.D.	79.64	3693.22	00:0	N/A	N/A
90	13/05	3772.86	ď.	79.61	3693.25	0.00	N/A	N/A
/90	16/05	3772.86	N.D.	79.65	3693.21	0:00	N/A	N/A
/90	20/05	3772.86	O.N.	79.90	3692.96	0.00	N/A	N/A
.90	22/05	3772.86	N.D.	79.70	3693.16	00:00	A/N	N/A
.90	29/05	3772.86	N.D.	79.68	3693.18	000	A/N	N/A
VZ0	01/05	3772.86	N.D.	79.71	3693.15	0000	A/N	N/A
///0	06/05	3772.86	CN	79.71	3693 15	800	A/N	N/A
1/20	08/05	3772.86	CN	79.75	3693 11	000	A/N	N/A
/20	12/05	3772 86	C	79.75	3693 11	88	4/N	V/N
/20	14/0F	3772 86	2	70.75	3602 11	88	V/N	V/N
120	10/05	3770 96		70.77	3603.00	88	V/V	N/A
,,,0	24/06	3777.95	2 2	70.70	3030.03	800	N/A	N/A
000	20/02	3772.80	2.0	19.79	3093.07	0.00	N/A	N/A
000	0000	3//2.80	J.C.	19.81	3633.05	0.00	N/A	ΝA
700	20/02	3772 96	2 2	19.07	2030.00	300	V/V	N/A
3 8	20/05	2772 86	2 2	70.02	5000	88	V/N	Y.Y
3 8	20/00	97779 96	2 2	70.05	3030.02	3.5	VA	Y.Y
8 8	11/05	3772 86	2 2	70.86	3502.00	8.8	VIV	V/N
3 8	16/05	3772 86	2 2	79.88	3602 00	8.6	V/W	V/N
3	10/05	3772 96	2.5	70.80	3032.30	800	Y/N	W.Y
8 8	24/05	3772 86		70.02	300000	38	V/14	V/V
180	26/05	3772 86	CZ	70.07	3602 05	333	V/N	VAV
8	08/30/05	3772 86		79 97	3602 03	8.6	V/N	V/N
38	105	3772 96	2.5	20.02	3500 04	8 8	V/V	4/14
Š	26/05	3772 86	. C	79.97	3600 05	8.6	V/N	4/14
100	28/05	3772 86	CZ	70.07	3692 92	86	N/A	V/N
8	13/05	3772.86	CZ	76.62	3692 92	88	4/N	V/V
3	16/05	3772 86	CZ	20.07	3602 00	88	V/V	V/V
8	20/05	3772 86	CZ	79.88	3692 98	886	4/N	N/A
/60	23/05	3772.86	ď	62.62	3693 07	000	A/A	A/N
,60	27/05	3772.86	Ö	80.00	3692.86	00.0	N/A	N/A
260	29/05	3772.86	C	80.01	3692.85	860	A/N	A/N
100	34/05	3772 86		0000	2000 00	88	V/N	V/W
2 3	30,52	3772.00	200	90.00 00.00	3032.03	37.0	AW.	N/A





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PSH Cummulative	Hecovery (gallons)	N/A	N/A	N/A	N/A	N/A	N/A	V/N	N/A	V/A	N/A	A/N	A/A	V/N	4/2	A/A	ΥX	N/A	Ψ/N	V/V	Ψ.	V/V	N/A	V/N	Y.V	ΝA	N/A	N/A	N/A	N/A	N/A	N/A	Y/N	Υ/A	ΥN	¥/N	Ψ/N	N/A	N/A	4	V/V	N/A							
PSH Volume	(gallons)	A/N	N/A	N/A	N/A	V/A	N/A	N/A	N/A	N/A	A/N	N/A	N/A	N/A	Y/N	N/A	V/N	Ψ.N.	V/A	N/A	N/A	4/4	V V	ΑN	N/A	N/A	N/A	N/A	V/Α	A/A	N/A	A/N	N/A	N/A	W/A	V/A	V/V	V/14	V/V	N/A									
	THICKNESS (ft)	0.00	0.00	0.00	0.00	000	000	000	0.00	0.00	0.00	88	3 8	88	88	000	0.00	00.00	00:00	0.00	0.00	0.00	00:00	0.00	000	000	000	0.00	0.00	88	888	888	00.00	0.00	0.00	00:00	0.00	0.00	0.00	000	0.00	0.00	0.00	0.00	0.00	3.0	8 8	38	0.00
Adjusted	Surface (Feet)*	3692.82	3692.81	3692.01	3692.77	3692.78	3692.77	3692.73	3692.72	3692.68	3692.70	3692.65	3037.00	3692.66	3692 64	3692.66	3692.61	3692.66	3692.66	3692.59	3692.60	3692.71	3692.55	3692.58	3692.55	3692.60	3692.54	3693.50	3692.49	3692.51	3602 54	3692.53	3692.51	3692.51	3692.50	3692.50	3682.52	3692.56	3692.55	3692.51	3692.48	3032.30	3692.51	3692.61	3692.48	3692.57	3036.40	3602.41	3692.46
Depth to Water	Casing (Feet)	80.04	80.05	80.85	80:08	80.08	80:09	80.13	80.14	80.18	80.16	80.21	90.20	80.20	80.22	80.20	80.25	80.20	80.20	80.27	80.26	80.15	80.31	80.28	80.31	80.26	80.32	/9.36	80.37	80.35	80.30	80.33	80.35	80.35	80.36	80.36	90.34	80.30	80.31	80.35	80.38	80.30	80.35	80.23	80.38	80.29	90.30	80.40	80.40
Depth to PSH	Casing (Feet)	N.D.	N.C.	N.C.	N.D.	i c	2 2	. Z	i c	N.	N.D.	O.V.	O.	N.D.	Ö.	, Z	i c	, c		Z Q	O'N	N.D.	ď	N.D.	N.D.	N.D.	N.D.	S.D.	. Z	N.C.	i c		i c	o z	<u>.</u>		N.D.												
	Elevation (Feet)*	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.00	3777.80	3772 86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3/72.80	3172.80	3772 86	3772 86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.80	3//2.60	3772.80	37.72.80	3772.80	3772.06	27779 96	3772 86	3772.86
	DATE GAUGED	10/11/05	10/13/05	10/18/05	10/21/05	10/26/05	10/28/05	11/01/05	11/04/05	40/60/11	11/11/05	11/16/05	11/10/05	11/22/05	12/02/05	12/06/05	12/14/05	12/16/05	12/21/05	12/23/05	12/27/06	12/30/05	01/03/06	01/05/06	01/11/06	01/13/06	90,718,06	01/20/06	01/24/00	00/00/00	007070	02/10/06	02/14/06	02/16/06	02/21/06	02/24/06	02/28/06	03/03/06	03/06/06	03/08/06	03/15/06	90/1/00	03/21/06	00/23/00	00/20/00	00/2000	90/20/10	04/12/06	04/14/06
	WELL ID	MW-4																																_										1				T	П





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TABLE 1
Summary of PSH Thickness & Gauging Measurements
PLAINS PIPELINE, L.P.
8" MOORE TO JALL #2
NMOCD BEE # 41 0 0004

	Relative Top of Casing	Depth to PSH Below Top of	Depth to Water Below Top of	Adjusted Potentiometric	HSd	PSH Volume Recovered	PSH Cummulative Recovery
DATE GAUGED	Elevation (Feet)*	Casing (Feet)	Casing (Feet)	Surface (Feet)*	THICKNESS (ft)	(gallons)	(gallons)
04/18/06	3772.86	N.D.	80.40	3692.46	0.00	N/A	N/A
04/21/06	3772.86	N.D.	80.44	3692.42	00:0	N/A	Y/N
04/26/06	3772.86	N.D.	80.40	3692.46	00:00	N/A	V/N
04/28/06	3772.86	N.D.	80.43	3692.43	00:0	N/A	N/A
05/04/06	3772.86	N.D.	80.44	3692.42	00:0	N/A	N/A
90/90/90	3772.86	N.D.	80.45	3692.41	00:0	N/A	N/A
06/10/06	3772.86	N.D.	80.41	3692.45	00:0	N/A	N/A
05/12/06	3772.86	N.D.	80.48	3692.38	00:0	N/A	N/A
06/16/06	3772.86	N.D.	80.49	3692.37	0.00	N/A	N/A
06/18/06	3772.86	N.D.	80.50	3692,36	00.00	N/A	N/A
05/23/06	3772.86	N.D.	80.56	3692.30	00.00	N/A	N/A
05/26/06	3772.86	N.D.	80.51	3692.35	00.00	ΑN	ΝA
06/30/06	3772.86	N.D.	80.53	3692.33	800	N/A	N/A
90/01/06	3772.86	N.D.	80.53	3692.33	000	N/A	A/N
90/90/90	3772.86	N.D.	80.57	3692.29	800	N/A	A/A
90/60/90	3772.86	N.D.	80.54	3692 32	000	N/A	A/A
06/13/06	3772 86	CN	80.56	3692 30	800	N/A	N/A
06/16/06	3772 86		80.00	3500 30	888	A1/A	AVA.
90,000	3772 86		80.53	3602 33	886	NI/A	V/N
06/23/06	3779 86	2	90.50	2000	388	V/14	V/N
90/25/90	3772 96	2 2	20.00	36036	88	N/A	N/A
DE/30/DE	3772 86		80.6	3600 06	830	N/A	V/N
02/05/06	3772 86	2	80.63	3602.24	38	N/A	V/N
90/20/20	3772 86	C Z	80.62	3600 24	888	ν/N	V/N
07/11/06	3772 86	CN	90.08	3604 04	88	N/A	V/N
07/13/06	3772.86	GN	80.68	3692 18	300	N/A	V/N
07/18/06	3772.86	CN	89.08	3692 18	000	N/A	N/A
07/21/06	3772.86	GN	29 08	3692 19	000	N/A	N/A
07/25/06	3772.86	N.D.	80.71	3692.15	000	N/A	A/A
07/27/06	3772.86	QN	2 08	3692 16	000	N/A	A/N
08/01/06	3772.86	N.D.	80.75	3692.11	000	N/A	A/A
90/00/80	3772.86	N.D.	80.75	3692 11	000	N/A	N/A
90/60/80	3772.86	N.D.	80.78	3692.08	00:0	N/A	N/A
08/11/06	3772.86	N.D.	80.78	3692.08	00:00	N/A	N/A
08/15/06	3772.86	N.D.	80.74	3692.12	00:00	N/A	N/A
08/18/06	3772.86	N.D.	80.81	3692.05	00:00	N/A	N/A
08/25/06	3772.86	N.D.	80.84	3692.02	00:00	N/A	A/N
08/30/06	3772.86	N.D.	80.86	3692.00	0.00	N/A	N/A
09/12/06	3772.86	ΣN	M	ΣN	0.00	N/A	N/A
09/15/06	3772.86	N.D.	80.93	3691.93	0.00	N/A	N/A
09/20/06	3772.86	N.D.	80.93	3691.93	0.00	N/A	N/A
90/52/60	3772.86	N.D.	80.98	3691.88	0.00	N/A	N/A
09/53/06	3772.86	N.D.	79.98	3692.88	0.00	N/A	N/A
10/04/06	3772.86	N.D.	81.04	3691.82	0.00	N/A	N/A
10/06/06	3772.86	N.D.	81.03	3691.83	00:00	N/A	V/A
10/12/06	3772.86	N.D.	81.05	3691.81	00:0	N/A	N/A
10/17/06	3772.86	N.D.	81.08	3691.78	00:0	N/A	N/A
10/20/06	3772.86	N.D.	81.40	3691.46	00:0	N/A	N/A
10/24/06	3772.86	O.N	81.05	3691.81	00:00	N/A	A/N
10/25/06	3772.86	N.O.	31.55	3691.81	0.00	N/A	N/A
11/22/06	3772.86	O.N.	81.17	3691.69	00:0	Ϋ́Z	ΥX



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TABLE 1
Summary of PSH Thickness & Gauging Measurements
PLAINS PIPELINE, L.P.
8" MOORE TO JAL #2
NMOCD REF. # 1R-0381
LEA COUNTY, NEW MEXICO - SRS# 2002-10273
Talon/LPE Project Number PLAINS008SPL

PSH Cummulative Recovery (rallone)	N/A	Y/X	N/A	N/A	Ϋ́Α	Ψ/N	Υ/X	٧ X	Ψ/X	Ψ/X	Ψ/N	Y X	4/2	Y.X	N/A	A/A	Y.X	ď.	Y.Y	¥.	Y/Y	V/N	Y.X	V.V	A/A	N/A	V/V	N/A	N/A	V/A	¥ × ×	V/V	V/A	A/A	Y.V	¥.	A/A			80	000	888						
PSH Volume Cur Recovered R	╀	ΝA	N/A	N/A	N/A	V/Α	A/N	N/A	Ψ/N	V.V.	ν. V.	N/A	4/2	N/A	N/A	A/A	N/A	N/A	A/N	N/A	V/A	WA/N	N/A	N/A	N/A	N/A			00.00	00.0	00.00																	
PSH RSH		000	00:0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88	38	000	00:0	0.00	0.13	0.01	0.00	0.00	0.00	00:0	00:0	0.00	300	000	800	000	800	000	0:00	0.00	0.00	0.00	0.00	0.00	8.6	000	000	0000	000	000	00:0			0.29	0.29	0.29 1.36 2.19
Adjusted Potentiometric Surface (Feet)*	Т	3691.59	3691.79	3690.50	3691.79	3691.70	3691.57	3691.53	3691.52	3691.54	3691.50	3691.44	3691.51	3691.59	3691.41	3691.45	3692.58	3691.50	3691.45	3691.42	3691.44	3691.75	3691.43	3691.44	363030	3692.33	3602.04	3692 30	3692 29	3692.29	3692.33	3692.25	3692.25	3692.19	3692.25	3692.27	3692.22	3602 12	3692.04	3691.99	3691.79	3691.72	3691.70			3692.36	3692.36	3692.36 3692.39 3692.37
Depth to Water Below Top of Casing (Fret)	╀	81.27	81.07	82.36	81.07	81.16	81.29	81.33	81.34	81.32	81.36	91.30	35	81.27	81.45	81.41	80.39	81.37	81.41	81.44	81.42	81.11	81.43	81.42	4 5	81.43	81.12	8146	81.47	81.47	81.43	81.51	81.51	81.57	81.51	81.49	10.10	81.64	81.72	81.77	81.97	82.04	82.06			79.98	79.98	79.98 80.91 81.68
Depth to PSH Electron (Feet)	┿	Q.N	N.D.	N.D.	Ċ	N.D.	Z.D.	N.D.	. S	Š	S.C.	2 2		N.D.	N.D.	N.D.	80.26	81.36	O.	'n.	Ċ	Ö.	O'N			N.C.	i c	CZ	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	Ŋ.	.O.V		i c	Q.N.	N.D.	N.D.	QZ	N.D.	_	1	69.62	79.69	79.69 79.55 79.49
Relative Top of Casing Elevation (Feet)*	†	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772 86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	3772.86	37 6226	377376	3773.76	3773.76	3773.76	3773.76	3773.76	3773.76	3773.76	3773.76	3773.76	3773.76	3773 76	3773.76	3773.76	3773.76	3773.76	3773.76	3773.76		Installed Well	3772.08	3772.08 3772.08	3772.08 3772.08 3772.08
DATE GAUGED	11/28/06	12/06/06	12/08/06	12/12/06	12/15/06	12/20/06	12/22/06	12/27/06	01/03/07	70/09/10	01/12/0/	0/13/0/	01/31/07	05/07/07	05/08/07	02/13/07	05/16/07	02/19/07	02/21/07	02/26/07	03/01/07	03/06/07	03/03/07	03/13/0/	100200	03/20/07	04/06/07	04/11/07	04/17/07	04/19/07	04/24/07	05/01/07	05/21/07	05/24/07	06/19/07	06/28/07	08/17/07	08/23/07	09/20/07	10/11/07	11/27/07	12/17/07	12/28/07		11/16/07	 11/27/07	11/27/07	11/27/07 12/17/07 12/28/07
WELL	MW-4																						+	+		1																			MW-5			





TABLE 1
Summary of PSH Thickness & Gauging Measurements
PLAINS PIPELINE, L.P.
8" MOORE TO JAL #22
NMOCD REF. # 1R-0381
LEA COUNTY, NEW MEXICO - SRS# 2002-10273
Talon/LPE Project Number PLAINS008SPL

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		Relative Top of Casing	Depth to PSH Below Top of	Depth to Water Below Top of	Adjusted Potentlometric	HSd	PSH Volume Recovered	PSH Cummulative Recovery
WELL ID	DATE GAUGED	Elevation (Feet)*	Casing (Feet)	Casing (Feet)	Surface (Feet)*	THICKNESS (#)		(gallons)
MW-6	11/15/07	Installed Well						
	11/27/07	3772.99	80.66	81.54	3692.24	0.88	00:00	00'0
	12/17/07	3772.99	80.42	83.14	3692.30	2.72	00:00	00'0
	12/28/07	3772.99	80.24	84.27	3692.35	4.03	00:0	00'0
	12/31/08	3772.99	80.21	84.66	3692.34	4.45	4.00	4:00
MW-7	11/15/07	Installed Well						
	11/27/07	3772.92	80.72	81.56	3692.12	0.84	00:00	00'0
	12/17/07	3772.92	80.51	82.94	3692.17	2.43	0.00	00:0
	12/28/07	3772.92	80.44	83.86	3692.14	3.42	0.00	00:0
	12/31/08	3772.92	80.91	84.19	3691.68	3.28	3.00	3.00
MW-8	11/15/07	Installed Well						
	11/27/07	3773.80		82.11	3691.69			
	12/17/07	3773.80		82.21	3691.59			
	12/28/07	3773.80		82.24	3691.56			
MW-9	11/15/07	Installed Well						
	11/27/07	3771.79	79.47	79.93	3692.27	0.46	0.00	00:0
	12/17/07	3771.79	79.35	80.82	3692.29	1.47	00:00	0.00
	12/28/07	3771.79	79.30	81.48	3692.27	2.18	0.00	0.00
	12/31/08	3//1/8	19.27	81.76	3692.27	2.49	2.00	2.00
Ī								
MW-10	11/15/07	Installed Well						
	11/27/07	3771.90		79.13	3692.77			
	12/17/07	3771.90		79.18	3692.72			
	12/28/07	3771.90		79.18	3692.72			
MW.11	11/14/07	lectelled Well						
	11/27/07	3772 97		80.50	3602 47			•
	12/17/07	3772.97		80.52	3692.45			
	12/28/07	3772.97		80.58	3692.39			
MW-12	11/14/07	Installed Well						
	11/27/07	3773.80		82.74	3691.06			
	12/17/07	3773.80		81.77	3692.03			
	12/28/07	3773.80		81.76	3692.04			
MW-13	11/14/07	Installed Well						
	11/27/07	3774.36		82.71	3691.65			
	12/17/07	3774.36		82.84	3691.52			
	12/28/07	3774.36		82.86	3691.50			
		_						

Existing wells now utilize new survey data back to 3/27/08



TABLE 2 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS PLAINS PIPELINE, L.P.

8" Moore to Jal #2 NMOCD REF. # 1R-0381 LEA COUNTY, NEW MEXICO - SRS# 2002-10273 Talon/LPE Project Number PLAINS008SPL

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Ethyl- benzene	m,p- Xylenes	o-Xylene	Toluene
	03/29/07	Not sar	npled Due to Pr	esence of Phase	Separated Hydr	ocarbons
MW-1	06/19/07	Not sar	npled Due to Pr	esence of Phase	Separated Hydi	ocarbons
101 00-1	09/20/07	Not san	npled Due to Pr	esence of Phase	Separated Hydi	ocarbons
	12/18/07	Not san	apled Due to Pr	esence of Phase	Separated Hydr	ocarbons
	03/29/07	Not san	apled Due to Pr	esence of Phase	Separated Hydr	ocarbons
MW-2	06/19/07	Not san	npled Due to Pr	esence of Phase	Separated Hydr	ocarbons
101 00 -2	09/20/07	Not san	npled Due to Pr	esence of Phase	Separated Hydr	ocarbons
	12/18/07	Not san	npled Due to Pr	esence of Phase	Separated Hydi	ocarbons
	03/29/07	Not san	apled Due to Pr	esence of Phase	Separated Hydi	ocarbons
MW-3	06/19/07	Not san	npled Due to Pr	esence of Phase	Separated Hydr	ocarbons
"" "	09/20/07		<u> </u>	esence of Phase	<u> </u>	
	12/18/07	Not san	npled Due to Pr	esence of Phase	Separated Hydi	ocarbons
	03/29/07	7.18	0.452	0.297	0.287	0.530
MW-4	06/19/07	16.85	0.7990	0.3530	0.4120	0.7600
	09/20/07	17.21	0.5900	0.3170	0.3880	0.4370
	12/28/07	20.6	0.856		50	0.912
MW-5	11/16/07			Well Installatio		•
	12/18/07	Not san	apled Due to Pr	esence of Phase		ocarbons
MW-6	11/15/07			Well Installatio		
	12/18/07	Not san	apled Due to Pro	esence of Phase		ocarbons
MW-7	11/15/07			Well Installatio		
	12/18/07	Not san	apled Due to Pro	esence of Phase		ocarbons
MW-8	11/15/07	2 2	0.0011	Well Installatio	n 789	C 0.0211
	12/18/07	0.660	0.0211			0.0211
MW-9	11/15/07	Notson	anled Due to Pr	Well Installation		onanhana
	12/18/07 11/15/07	Not sai	ipied Due to Fit	Well Installatio		ocarbons
MW-10		<0.00100	<0.00100		0100	<0.00100
	12/19/07 11/14/07	<0.00100	< 0.00100	Well Installatio		<0.00100
MW-11		0.0190	0.00110		0120	0.00700
	12/19/07 11/14/07	0.0180		Well Installatio		0.00790
MW-12	12/19/07	<0.00500	< 0.00500	<0.0		<0.00500
	11/14/07	\0.00J00		Well Installatio		<u> </u>
MW-13	12/18/07	< 0.00100	< 0.00100	<0.0		<0.00100
NMWOCCE	Remedial Limits	0.00100	0.750		enes 0.620	0.750

Bolded values are in excess of the NMWQCC Remediation Thresholds



TABLE 3 SUMMARY OF GROUNDWATER POLYCYCLIC AROMATIC HYDROCARBON (PAH) ANALYTICAL RESULTS PLAINS PIPELINE, L.P. 8" Moore to Jal #2

NMOCD REF. # 1R-0381
LEA COUNTY, NEW MEXICO - SRS# 2002-10273
Talon/LPE Project Number PLAINS008SPL

All concentrations are in mg/L

Sample Location	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluoranthene	Benzo[g,h,i]-perylene	Benzo[j,k]-fluoranthene	Chrysene	Dibenz[a,h]-authracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]-pyrene	Naphthalene	Phenanthrene	Pyrene
MW-I	03/29/07						Not sampl	ed Due to l	Presence of	Phase Sep	arated Hy	Irocarbons	1				
MW-2	03/29/07						Not sampl	ed Due to l	resence of	Phase Sep	arated Hy	Irocarbons					
MW-3	03/29/07						Not sampl	ed Due to l	resence of	Phase Sep	arated Hy	Irocarbons					
MW-4	02/07/07	<0.005	<0.005	<0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	<0.005	< 0.005	< 0.005	< 0.005	<0.005	0.042	<0.005	<0.005
NMWQCC	Remedial Limits	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030

Bolded values are in excess of the NMWQCC Remediation Thresholds

APPENDIX C

Laboratory Analytical Data Sheets and Chain of Custody Documentation



A Xenco Laboratories Company

Analytical Report

Prepared for:

Camille Reynolds Plains All American EH & S 1301 S. County Road 1150 Midland, TX 79706-4476

Project: 8 inch Moore to Jal #2 Project Number: 2002-10273 Location: Hobbs, NM

Lab Order Number: 7C30003

Report Date: 04/06/07

Project: 8 inch Moore to Jal #2

Project Number: 2002-10273
Project Manager: Camille Reynolds

Fax: (432) 687-4914

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	7C30003-01	Water	03/29/07 15:54	03-30-2007 08:43

Project: 8 inch Moore to Jal #2

Project Number: 2002-10273
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (7C30003-01) Water									
Benzene	7.18	0.0250	mg/L	25	ED70506	04/05/07	04/05/07	EPA 8021B	
Toluene	0.530	0.0250	•	**	11	"	**	ш	
Ethylbenzene	0.452	0.0250	**	"	11	n	H	u	
Xylene (p/m)	0.297	0.0250	"		#	#	"	u	
Xylene (o)	0.287	0.0250	**	**	"	н	н	n	
Surrogate: a,a,a-Trifluorotoluene		103 %	80-12	?0	"	#	"	,,	
Surrogate: 4-Bromofluorobenzene		98.4 %	80-12	20	"	,,	"	n	

Project: 8 inch Moore to Jal #2

Project Number: 2002-10273
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	[Inita	Spike Level	Source	0/DEC	%REC	RPD	RPD Limit	Notes
	Kesuit	Limit	Units	Level	Result	%REC	Limits	KYD	Limit	inotes
Batch ED70506 - EPA 5030C (GC)										
Blank (ED70506-BLK1)				Prepared &	Analyzed:	04/05/07				
Benzene	ND	0.00100	mg/L							_
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	**							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	ıı							
Surrogate: a,a,a-Trifluorotoluene	53.5		ug/l	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	44.5		"	50.0		89.0	80-120			
LCS (ED70506-BS1)				Prepared &	Analyzed:	04/05/07				
Benzene	0.0493	0.00100	mg/L	0.0500		98.6	80-120			
Toluene	0.0466	0.00100	"	0.0500		93.2	80-120			
Ethylbenzene	0.0489	0.00100	u	0.0500		97.8	80-120			
Xylene (p/m)	0.0910	0.00100	n	0.100		91.0	80-120			
Xylene (o)	0.0499	0.00100	n	0.0500		99.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	49.8		ug/l	50.0		99.6	80-120			
Surrogate: 4-Bromofluorobenzene	47.0		n	50.0		94.0	80-120			
Calibration Check (ED70506-CCV1)				Prepared &	Analyzed:	04/05/07				
Benzene	55.0		ug/l	50.0		110	80-120			
Γoluene	50.8		"	50.0		102	80-120			
Ethylbenzene	50.8		"	50.0		102	80-120			
Kylene (p/m)	91.8			100		91.8	80-120			
Kylene (o)	52.7		**	50.0		105	80-120			
Surrogate: a,a,a-Trifluorotoluene	54.8		"	50.0		110	80-120			
Surrogate: 4-Bromofluorobenzene	48.1		n	50.0		96.2	80-120			
Aatrix Spike (ED70506-MS1)	Sou	rce: 7C30008-	01	Prepared &	Analyzed:	04/05/07				
Benzene	0.0531	0.00100	mg/L	0.0500	ND	106	80-120			• •••
Coluene	0.0495	0.00100	"	0.0500	ND	99.0	80-120			
Ethylbenzene	0.0488	0.00100	11	0.0500	ND	97.6	80-120			
Zylene (p/m)	0.0931	0.00100	n	0.100	ND	93.1	80-120			
(ylene (o)	0.0527	0.00100	77	0.0500	ND	105	80-120			
urrogate: a,a,a-Trifluorotoluene	55.2		ug/l	50.0		110	80-120			
urrogate: 4-Bromofluorobenzene	51.0		"	50.0		102	80-120			

Project: 8 inch Moore to Jal #2

Project Number: 2002-10273
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Matrix Spike Dup (ED70506-MSD1)	Sou	rce: 7C30008-	-01	Prepared &	Analyzed	04/05/07			
Benzene	0.0526	0.00100	mg/L	0.0500	ND	105	80-120	0.948	20
Toluene	0.0493	0.00100		0.0500	ND	98.6	80-120	0.405	20
Ethylbenzene	0.0504	0.00100	**	0.0500	ND	101	80-120	3.42	20
Xylene (p/m)	0.0919	0.00100		0.100	ND	91.9	80-120	1.30	20
Xylene (o)	0.0521	0.00100	11	0.0500	ND	104	80-120	0.957	20
Surrogate: a,a,a-Trifluorotoluene	52.3		ug/l	50.0		105	80-120		
Surrogate: 4-Bromofluorobenzene	48.0		"	50.0		96.0	80-120	x	

Project: 8 inch Moore to Jal #2

Project Number: 2002-10273
Project Manager: Camille Reynolds

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:

Date:

4/6/2007

Brent Barron, Laboratory Director/Corp. Technical Director Celey D. Keene, Org. Tech Director Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer Jeanne Mc Murrey, Inorg. Tech Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Fax: (432) 687-4914

Analytical Report 279974

for

PLAINS ALL AMERICAN EH&S

Project Manager: Camille Reynolds

8" Moore to Jal #2 2002-10273

04-APR-07





12600 West I-20 East Odessa, Texas 79765

NELAC certification numbers:

Houston, TX E87603 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America





04-APR-07

Project Manager: Camille Reynolds
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No: 279974

8" Moore to Jal #2

Project Address: Hobbs, NM

Camille Reynolds:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 279974. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 279974 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron

Odessa Laboratory Director

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Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



Certificate of Analysis Summary 279974 PLAINS ALL AMERICAN EH&S, Midland, TX



Project Name: 8" Moore to Jal #2

Project Id: 2002-10273

Date Received in Lab: Ma

Mar-30-07 08:43 am

Contact: Camille Reynolds

Project Location: Hobbs, NM

Report Date:
Project Manager:

Brent Barron, II

04-APR-07

	Lab Id:	279974-00	1		
Analysis Requested	Field Id:	MW-4			
	Depth:				
	Matrix:	WATER			
	Sampled:	Mar-29-07 15	5:54		
SVOA PAHs List by EPA 8270C	Extracted:	Apr-02-07 10	:54		
	Analyzed:	Apr-03-07 15	:50		
	Units/RL:	mg/L	RL		
Acenaphthene		ND	0.005		
Acenaphthylene		ND	0.005		
Anthracene		ND	0.005		
Benzo(a)anthracene		ND	0.005		
Benzo(a)pyrene		ND	0.005		
Benzo(b)fluoranthene		ND	0.005		
Benzo(k)fluoranthene		ND	0.005		
Benzo(g,h,i)perylene		ND	0.005		
Chrysene		ND	0.005		
Dibenz(a,h)Anthracene	•	ND	0.005		
Fluoranthene		ND	0.005		
Fluorene		ND	0.005		
Indeno(1,2,3-c,d)Pyrene		ND	0.005		
Naphthalene		0.042	0.005		
Phenanthrene		ND	0.005		
Pyrene		ND	0.005		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron

Odessa Laboratory Director



Flagging Criteria



- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte.

 The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.

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Form 2 - Surrogate Recoveries

Project Name: 8" Moore to Jal #2



Work Order #: 279974

Lab Batch #: 694393

Sample: 279817-001 S / MS

Project ID: 2002-10273

Matrix: Sludge Batch:

Units: mg/L	SU	RROGATE R	ECOVERY S	STUDY	
SVOA PAHs List by EPA 8270C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.184	0.250	74	43-116	
2-Fluorophenol	0.158	0.250	63	21-100	
Nitrobenzene-d5	0.172	0.250	69	35-114	
Phenol-d6	0.134	0.250	54	10-94	
Terphenyl-D14	0.203	0.250	81	33-141	
2,4,6-Tribromophenol	0.210	0.250	84	10-123	

Lab Batch #: 694393

Sample: 279974-001 / SMP

Batch:

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY S	STUDY	
SVOA PAHs List by EPA 8270C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.038	0.050	76	43-116	
2-Fluorophenol	0.017	0.050	34	21-100	
Nitrobenzene-d5	0.034	0.050	68	35-114	
Phenol-d6	0.010	0.050	20	10-94	
Terphenyl-D14	0.034	0.050	68	33-141	
2,4,6-Tribromophenol	0.043	0.050	86	10-123	

Lab Batch #: 694393

Sample: 493724-1-BKS / BKS

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY S	STUDY	
SVOA PAHs List by EPA 8270C	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes			1 (2)		
2-Fluorobiphenyl	0.038	0.050	76	43-116	
2-Fluorophenol	0.030	0.050	60	21-100	
Nitrobenzene-d5	0.036	0.050	72	35-114	
Phenol-d6	0.022	0.050	44	10-94	2000
Terphenyl-D14	0.041	0.050	82	33-141	
2,4,6-Tribromophenol	0.042	0.050	84	10-123	

All results are based on MDL and validated for QC purposes.

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution Surrogate Recovery [D] = 100 * A / B



Form 2 - Surrogate Recoveries

Project Name: 8" Moore to Jal #2



Work Order #: 279974

Project ID: 2002-10273

Lab Batch #: 694393

Sample: 493724-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY S	STUDY	
SVOA PAHs List by EPA 8270C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.037	0.050	74	43-116	
2-Fluorophenol	0.028	0.050	56	21-100	
Nitrobenzene-d5	0.036	0.050	72	35-114	
Phenol-d6	0.020	0.050	40	10-94	
Terphenyl-D14	0.041	0.050	82	33-141	
2,4,6-Tribromophenol	0.039	0.050	78	10-123	

Lab Batch #: 694393

Sample: 493724-1-BSD / BSD

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY S	STUDY	
SVOA PAHs List by EPA 8270C Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2-Fluorobiphenyl	0.041	0.050	82	43-116	
2-Fluorophenol	0.032	0.050	64	21-100	
Nitrobenzene-d5	0.039	0.050	78	35-114	
Phenol-d6	0.023	0.050	46	10-94	
Terphenyl-D14	0.043	0.050	86	33-141	
2,4,6-Tribromophenol	0.045	0.050	90	10-123	

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.



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BS / BSD Recoveries



2 4.4

14.4

2.72

Salar A

Project Name: 8" Moore to Jal #2

Work Order #: 279974

Analyst: TTD

Date Prepared: 04/02/2007

Project ID: 2002-10273 Date Analyzed: 04/03/2007

Matrix: Water

Sample: 175/24-1-DING	Daten #:	-				•				
	BLAN	K/BLANKS	SPIKE / E	STANK S	PIKE DUPI	ICATE 1	RECOVE	RY STUE	χ	
Blank Sample Result [A]	Spike Added [B]	Blank Spike Result	Blank Spike %R	Spike Added [E]	Blank Spike Duplicate	Bik. Spk Dup. %R	RPD	Control Limits %R	Control Limits %RPD	Flag
		<u>5</u>	<u> </u>		Result [F]	<u>5</u>				
QN	0.050	0.037	74	0.05	0.040	08	8	27-132	31	
QN	0.050	0.037	74	0.05	0.040	08	8	46-108	25	
QN	0.050	0.038	92	0.05	0.040	80	5	47-145	25	
QN.	0.050	0.039	78	0.05	0.041	82	5	33-143	25	
QN	0.050	0.039	78	0.05	0.041	82	5	65-135	25	
QN	0.050	0.040	80	0.05	0.043	98	7	24-159	25	
QN	0.050	0.039	78	0.05	0.040	08	3	25-125	25	
EN CO	0.050	0.041	82	0.05	0.043	98	5	65-135	25	1
QN	0.050	0.039	78	0.05	0.041	82	5	65-135	25	
QN	0.050	0.040	80	0.05	0.042	84	5	50-125	25	
QN	0.050	0.040	80	0.05	0.042	84	5	47-125	25	
QN	0.050	0.038	92	0.05	0.041	82	8	48-139	25	
QN	0.050	0.039	78	0.05	0.041	82	5	27-160	25	
QN	0.050	9£0.0	72	0.05	0.040	08	П	26-175	25	
QN	0.050	0.039	78	0.05	0.040	08	3	65-135	25	
Q	0.050	0.039	78	0.05	0.041	82	5	23-152	31	
	Blank Sample Result [A] ND ND ND ND ND ND ND ND ND N	tesult the second that the sec								Spike Spike Aded Spike Aded

Relative Percent Difference RPD = 200*[(D-F)/(D+F)] Blank Spike Recovery [D] = 100*(C)/[B] Blank Spike Duplicate Recovery [G] = 100*(F)/[E] All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: 8" Moore to Jal #2



Work Order #: 279974

Lab Batch #: 694393

Date Analyzed: 04/03/2007

Project ID: 2002-10273

Date Prepared: 04/02/2007

Analyst: TTD

QC- Sample ID: 279817-001 S

Batch #:

Sludge Matrix:

Reporting Units: mg/L	MATI	RIX / MA	TRIX SPIKE	RECO	VERY STU	DY
SVOA PAHs List by EPA 8270C Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Acenaphthene	ND	0.250	0.183	73	27-132	
Acenaphthylene	ND	0.250	0.174	70	46-108	
Anthracene	ND	0.250	0.189	76	47-145	
Benzo(a)anthracene	ND	0.250	0.189	76	33-143	
Benzo(a)pyrene	ND	0.250	0.190	76	65-135	
Benzo(b)fluoranthene	ND	0.250	0.199	80	24-159	
Benzo(k)fluoranthene	ND	0.250	0.194	78	25-125	
Benzo(g,h,i)perylene	ND	0.250	0.106	42	65-135	X
Chrysene	ND	0.250	0.187	75	65-135	
Dibenz(a,h)Anthracene	ND	0.250	0.114	46	50-125	Х
Fluoranthene	ND	0.250	0.193	77	47-125	
Fluorene	ND	0.250	0.188	75	48-139	
Indeno(1,2,3-c,d)Pyrene	ND	0.250	0.113	45	27-160	
Naphthalene	ND	0.250	0.180	72	26-175	
Phenanthrene	ND	0.250	0.188	75	65-135	
Pyrene	ND	0.250	0.199	80	23-152	

Matrix Spike Percent Recovery [D] = 100*(C-A)/BRelative Percent Difference [E] = 200*(C-A)/(C+B)All Results are based on MDL and Validated for QC Purposes

Environmental Lab of Texas

A Xenco Laboratories Company

Odessa, Texas 79765 12600 West I-20 East

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Phone: 432-563-1800 Fax: 432-563-1713

gil Fax: 432-563-1 Project Name: Mare to Sa

Project #: Plains de 35/2

Project Loc: 4665

2007-10273

NPDES

TRRP

Report Format: X Standard

Fax No: (432)-522-2130

e-mail:

POOK!

Industrial

Company Address: $\#9 \mathcal{F}$

Shanne Smith

Project Manager:

Talon LPt

Company Name

-522-2133

(432)

Telephone No:

City/State/Zip:

Sampler Signature: //sulfu-

Analyze For:

RUSH TAT (Pre-Schedule) 24, 48, 12 hre M.O.R.M. BCI BTEX 8021 95030 or BTEX 8260 Semivolatiles Metals: As Ag Be Cd Cr Pb Hg Se TCLP: TOTAL: SAR / ESP / CEC Aniona (Cl. SO4, Alkalinity) Callons (Ca. Mg, Na, K) 9001 XT TX 1005 :Hd1 85108 M2108 1.814 Matrix MANUFORCED ANSIES 25-SINGBE Other (Specify) PUON COSSEN HOPN 'oszH ЮН LONH 90| fotel #. of Containers beleffi Filtered 5 Time Sampled 24/18 Delqme2 eleQ figed galba Beginning Depth FIELD CODE

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	Relinguished by:	3/3/0/42 34	Time	Received by:	Dale	ime I)) Jungloca no sigle (i losso
`	Reinduished by	Date	Time	Received by:	Date	e Line	Sample, flage DeliveRd b Sample Chent Rep 7 by Souther? UPS
	Reinquished by:	Date	Time	Received by ELOT. (CO.) 8.4	8.48	7/2000	Temperature Upon Receipt.
		1					

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

client: July Plains				
Date/ Time 3/30/07 \$:45				
202000				
Lab ID # : 100000				
Initials:				
0	.			
Sample Receipt	Checklist			
	T V T			Client Initials
#1 Temperature of container/ cooler?	Yes	<u>No</u>	0.5 ° C	
#2 Shipping container in good condition?	ZES .	<u>No</u>		
#3 Custody Seals intact on shipping container/ cooler?	XES	No_	Not Present	
Custody Seals intact on sample bottles/ container?	E	<u>No</u>	Not Present	
#5 Chain of Custody present?	₩ S	No_		
6 Sample instructions complete of Chain of Custody?	/es	No	 	
7 Chain of Custody signed when relinquished/ received?) es	No	 	
8 Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
9 Container label(s) legible and intact?	Zes .	No	Not Applicable	
10 Sample matrix/ properties agree with Chain of Custody?	E	No	<u> </u>	
11 Containers supplied by ELOT?	Ø € €	No		
12 Samples in proper container/ bottle?	(Fe)	No	See Below	
13 Samples properly preserved?	≱ es	No	See Below	
14 Sample bottles intact?	Yes	No		
15 Preservations documented on Chain of Custody?	XES	No		
16 Containers documented on Chain of Custody?	Yes	No		
17 Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
18 All samples received within sufficient hold time?	Yes	No	See Below	
19 Subcontract of sample(s)?	Yes	No	Not Applicable	
20 VOC samples have zero headspace?	Ves	No	Not Applicable	
ontact: Contacted by:	nentation		Date/ Time:	
Corrective Action Taken:				
Check all that Apply: See attached e-mail/ fax Client understands and would Cooling process had begun s				

Analytical Report 284676

for

PLAINS ALL AMERICAN EH&S

Project Manager: Camille Reynolds

Moore to Jal # 2 2002-10273

29-JUN-07





12600 West I-20 East Odessa, Texas 79765

NELAC certification numbers: Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America





29-JUN-07

Project Manager: Camille Reynolds
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No: 284676

Moore to Jal # 2

Project Address: Lea County, NM

Camille Reynolds:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 284676. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 284676 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron

Odessa Laboratory Director

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Sample Cross Reference 284676



PLAINS ALL AMERICAN EH&S, Midland, TX

Moore to Jal # 2

Sample IdMatrixDate CollectedSample DepthLab Sample IdMW-4WJun-19-07 15:10284676-001



Project Id: 2002-10273

Contact: Camille Reynolds

Project Location: Lea County, NM



Project Name: Moore to Jal # 2

Date Received in 1 ab. Thu lim 21.03

Certificate of Analysis Summary 284676 PLAINS ALL AMERICAN EH&S, Midland, TX

Date Received in Lab: Thu Jun-21-07 11:30 am

Report Date: 29-JUN-07
Project Manager: Brent Barron, II

			I OJOU MANAGE. DICHE DATOH, II
	Lab Id:	284676-001	
Analysis Ronnostad	Field Id:	MW-4	
national and interest	Depth:		
	Matrix:	WATER	
	Sampled:	Jun-19-07 15:10	
BTEX by EPA 8021B	Extracted:	Jun-26-07 16:54	
	Analyzed:	Jun-28-07 10:07	
	Units/RL:	mg/L RL	
Benzene		16.85 0.1000	
Toluene		0.7600 0.1000	
Ethylbenzene		0.7990 0.1000	
m,p-Xylene		0.3530 0.2000	
o-Xylene		0.4120 0.1000	
Total Xylenes		0.765	
Total BTEX		19.174	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. In interpretations and results expressed throughout list analytical proper represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in striting.

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Odessa Laboratory Director



Flagging Criteria



- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MOL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte.

 The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.

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Form 2 - Surrogate Recoveries

Project Name: Moore to Jal # 2



Work Order #: 284676

Lab Batch #: 699323

Sample: 284676-001 / SMP

Project ID: 2002-10273

Batch: 1 Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY S	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
4-Bromofluorobenzene	0.0518	0.0500	104	80-120	

Lab Batch #: 699323

Sample: 285023-007 S / MS

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
4-Bromofluorobenzene	0.0536	0.0500	107	80-120	

Lab Batch #: 699323

Sample: 285023-007 SD / MSD

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes		'	[D]		
4-Bromofluorobenzene	0.0537	0.0500	107	80-120	

Lab Batch #: 699323

Sample: 496525-1-BKS / BKS

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes		,	[D]		
4-Bromofluorobenzene	0.0577	0.0500	115	80-120	

Lab Batch #: 699323

Sample: 496525-1-BLK / BLK

Batch: 1

Matrix: Water

Units: mg/L	SU	RROGATE R	ECOVERY	STUDY	
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	ND	ND		80-120	*U
4-Bromofluorobenzene	0.0540	0.0500	108	80-120	

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution



Blank Spike Recovery



Project Name: Moore to Jal # 2

Work Order #: 284676

Project ID:

2002-10273

Lab Batch #: 699323

Sample: 496525-1-BKS

Matrix: Water

Date Analyzed: 06/27/2007

Date Prepared: 06/26/2007

Analyst: CELKEE

Reporting Units: mg/L	Batch #: 1	BLANK /	BLANK SPI	KE REC	COVERY	STUDY
BTEX by EPA 8021B	Blank Result	Spike Added	Blank Spike	Blank Spike	Control Limits	Flags
Analytes	[A]	[B]	Result [C]	%R [D]	%R	
Benzene	ND .	0.0500	0.0528	106	, 70-125	
Toluene .	ND	0.0500	0,0545	109	70-125	
Ethylbenzene	ND	0.0500	0.0586	117	71-129	
m,p-Xylene	ND	0.1000	0.1023	102	70-131	
o-Xylene	ND	0.0500	0.0573	115	71-133	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.



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Form 3 - MS / MSD Recoveries

Project Name: Moore to Jal # 2



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2.00

Work Order #: 284676

Lab Batch ID: 699323

Date Analyzed: 06/28/2007

Date Prepared: 06/26/2007

1 Matrix: Water Batch #:

Project ID: 2002-10273

CELKEE Analyst:

QC-Sample ID: 285023-007 S

Reporting Units: mg/L		Σ	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY	MAT.	RIX SPIF	CE DUPLICA	TE REC	VERY S	STUDY		
BTEX by EPA 8021B	Parent Sample Result	Spike	Spiked Sample Spiked Result Sample	Spiked Sample	Spike	Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	[V]	(B)	<u> </u>	[0]		Les mus (r.)	5	•	¥8/	/one	
Benzene	QN.	0.0500	0.0563	113	0.0500	0.0554	111	2	70-125	25	
Toluene	Ð	0.0500	0.0565	113	0.0500	0.0557	111	2	70-125	25	
Ethylbenzene	Ð.	0.0500	0.0591	118	0.0500	0.0580	116	2	71-129	25	
m,p-Xylene	Q.	0.1000	0.1025	103	0.1000	0.1007	101	,2	70-131	25	
0-Xvlene	GN	0.0500	0.0578	116	0.0500	0.0575	. 115	-	71-133	25	

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)E

Manager: S. S. M. J. M. A.	O ANAL	Project #: 2002 /0278	Projection Las Courts N.M.	1			Analyze For:	TOTAL		A O BY W OLEX BOSLOPO ON BLEX BSEC COMMODITIES COMMODI						Laboratory Comments: Sample Consiners Inlact? VOCs Fees of Hashcare?	Time Custody seals on container(s) (X) N (Custody seals on cooler(s) (Sannule Hand Delivered) N		1
A A A A A A A A A A A A A A A A A A A	CHAIN OF CUSTODY 1800 West 1-20 East Odassa, Texas 79765					nith Otalon lor .co.n			H	нио, ме ₁ сл. (Сл. ме ₁ сл. месе	V X						Date	Date	
ronmental Lab of Texas roped Manager: S. Swith Sompany Name 74 6 F Fuelustrial Sampler Signature: Mid Mud 18 Sampler Signature: Mid Mud 18 Sampler Signature: Mid Mud 18 Why TRELD CODE Sampler Signature: Must 4 Sampler Signature: Must 4 Sampler Signature: Must 1984 Sampler Signature: Must 4 Sampler Signature: Must 4 Sampler Signature: Must 4 Sampler Signature: Must 1984 Sampler S	-0		Rd	74701	Fax No. 43.	e-mail: 55'		•		bəlqme2 əmiT	14/64 1510						Received by:	Received by.	
Project Manager: S. S. Company Name 74 6 2. S. Company Name 74 6 2. Sampler Signature: 42 2. Sampler Signature: 432 - 5. Sampler Signature: 43	of Texas	1	Fredustrial	1/1	m,	trate	۲										Time // 30	_	
	iental Lab c) 1			•	A			@1 @LG7	FIELD CODE						structions:	the Bath	ed by	

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Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

	٠.	V 2112110C1	Composite Medicin Ne	port- ourip	c cog-n	•	
Client.	Plains	ITalon					
Date/ Time	6.61-0	יוני.	30				
.ab ID#:	284	676					
n.trais:	a						
			Samula Bassini	Chackline			
			Sample Receipt	Checklist			Client Initials
#1 Tempera	ture of contain	er/ cooler?		Yes	No	5 °C	
	container in g		12	(YES)	No	<u>-</u>	
			ntainer/ cooler?	Yes	No	(Not Present)	
			les/ container?	Yes	No	Not Present	
	Custody prese		ies comaner	(es)	No	NOLFIESBILL	
			ain of Custody?	Ves	No		
				Yes	No		
			quished/ received?			10	
	Custody agree			Yes	No No	10 written on Cont./ Lid	
	er label(s) legib					Not Applicable	
			th Chain of Custody?	Yes)	No		
	ers supplied by			(es)	No	 	ļ
	s in proper cor		'	(es)	No	See Below	
	s properly pres			₹es>	No	See Below	1
	bottles intact?			Yes	No	}	
			in of Custody?	Yes	No	}	
	ers documente			1 (65)	No	 	1
	nt sample amo			Yes	No	See Below	
	ples received v		nt hold time?	YES	No	See Below	
	tract of sample			Yes	No	Not Applicable	
20 VOC sa	imples have ze	ro headspac	e?		No	Not Applicable	
			Variance Docu	mentation			
Contact:			Contacted by:			Date/ Time:	
tegarding.							
orrective Ac	ction Taken:						
							
heck all tha	at Apply:	Clien	attached e-mail/ fax nt understands and wot ling process had begun			•	
						•	

Analytical Report 289969

for

PLAINS ALL AMERICAN EH&S

Project Manager: Camille Reynolds

Moore to Jal # 2 2002-10273

24-SEP-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers: Houston, TX T104704215

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America Midland - Corpus Christi - Atlanta



24-SEP-07

Project Manager: Camille Reynolds
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No: 289969

Moore to Jal # 2

Project Address: Lea County, NM

Camille Reynolds:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 289969. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 289969 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron

Odessa Laboratory Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

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Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



Sample Cross Reference 289969

PLAINS ALL AMERICAN EH&S, Midland, TX

Moore to Jal # 2

Sample Id

Date Collected

Sample Depth

Lab Sample Id

MW-4

W Sep-20-07 10:55

Matrix

289969-001



Contact: Camille Reynolds

Project Id: 2002-10273

Project Location: Lea County, NM

Certificate of Analysis Summary 289969 PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: Moore to Jal # 2

Date Received in Lab: Thu Sep-20-07 03:02 pm Report Date: 24-SEP-07

Project Manager: Brent Barron. II

			Troject istallager. Dient Dalloll, II
	Lab Id:	289969-001	
Amalucie Damastad	Field Id:	MW-4	
noisonhou sistemut	Depth:		
	Matrix:	WATER	
	Sampled:	Sep-20-07 10:55	
BTEX by EPA 8021B	Extracted:	Sep-20-07 16:08	
	Analyzed:	Sep-21-07 00:43	
	Units/RL:	mg/L RL	
Benzene		17.21 0.1000	
Toluene		0.4370 0.1000	
Ethylbenzene		0.5900 0.1000	The state of the s
m,p-Xylene		0.3170 0.2000	
o-Xylene		0.3880 0.1000	
Total Xylenes		0.705	
Total BTEX		18.942	

This smaly itsal report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this nanyloid report present the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no verramy to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

Brent Barron Odessa Laboratory Director

Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting OC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

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	Phone	Fax
11381 Meadowglen Lane Suite L Houston, Tx 77082-2647	(281) 589-0692	(281) 589-0695
9701 Harry Hines Blvd, Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238	(210) 509-3334	(201) 509-3335
2505 N. Falkenburg Rd., Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries

Project Name: Moore to Jal # 2

Work Order #: 289969

Project ID: 2002-10273

Lab Batch #: 704782

Sample: 289927-009 S / MS

Matrix: Water Batch:

Units: mg/L	SU	SURROGATE RECOVERY STUDY							
BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags				
1,4-Difluorobenzene	0.0298	0.0300	99	80-120					
4-Bromofluorobenzene	0.0290	0.0300	97	80-120					

Lab Batch #: 704782

Sample: 289969-001 / SMP

Batch: 1

Matrix: Water

Units: mg/L	SU	SURROGATE RECOVERY STUDY								
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags					
Analytes			[D]							
1,4-Difluorobenzene	3.121	3.000	104	80-120						
4-Bromofluorobenzene	2.723	3.000	91	80-120						

Lab Batch #: 704782

Sample: 499614-1-BKS/BKS

Batch: 1

Matrix: Water

Units: mg/L	SU	SURROGATE RECOVERY STUDY							
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags				
Analytes			[D]						
1,4-Difluorobenzene	0.0294	0.0300	98	80-120	****				
4-Bromofluorobenzene	0.0317	0.0300	106	80-120					

Lab Batch #: 704782

Sample: 499614-1-BLK / BLK

Batch: 1

Matrix: Water

Units: mg/L	SURROGATE RECOVERY STUDY							
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
Analytes			[2]					
1,4-Difluorobenzene	0.0319	0.0300	106	80-120	-			
4-Bromofluorobenzene	0.0305	0.0300	102	80-120				

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution



Blank Spike Recovery

Project Name: Moore to Jal #2

Work Order #: 289969

Project ID:

0.2210

0.1098

2002-10273

Lab Batch #: 704782

Sample: 499614-1-BKS

Matrix: Water

Date Analyzed: 09/20/2007

Date Prepared: 09/20/2007

Analyst: JBU

111

110

70-131

71-133

Repo

m,p-Xylene

o-Xylene

0.2000

0.1000

Reporting Units: mg/L	Batch #: 1	BLANK/BLANK SPIKE RECOVERY STUDY					
BTEX by EPA 8021B	Blank Result	Spike Added	Blank Spike	Blank Spike	Control Limits %R	Flags	
Analytes	[A]	[B]	Result [C]	%R [D]			
Benzene	ND	0.1000	0.1019	102	70-125		
Toluene	ND	0.1000	0.1038	104	70-125		
Ethylbenzene	ND	0.1000	0.1106	111	71-129		

ND

ND

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.



Form 3 - MS Recoveries

Project Name: Moore to Jal # 2

Work Order #: 289969

Lab Batch #: 704782

Project ID: 2002-10273

Date Analyzed: 09/21/2007

Date Prepared: 09/20/2007

Analyst: JBU

QC- Sample ID: 289927-009 S

Batch #:

Matrix: Water

Reporting Units: mg/L	MAT	MATRIX / MATRIX SPIKE RECOVERY STUDY							
BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag			
Benzene	ND	0.1000	0.0950	95	70-125				
Toluene	ND	0.1000	0.0935	94	70-125				
Ethylbenzene	ND	0.1000	0.0938	94	71-129				
m,p-Xylene	ND	0.2000	0.1835	92	70-131				
o-Xylene	ND	0.1000	0.0945	95	71-133				

Matrix Spike Percent Recovery [D] = 100*(C-A)/B Relative Percent Difference [E] = 200*(C-A)/(C+B) All Results are based on MDL and Validated for QC Purposes

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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C,

E P

O NPDES Project #: \$4\$ 2002-10273 Phone: 432-563-1800 Fax: 432-563-1713 TRRP Project Name: Moore to TAI Project Loc: Len Conty Report Format: Slandard ... 04 e-mail: SSMith a folon pe. con Fax No: 432-522-2/80 12500 West I-20 East Odessa, Texas 79765 290/ RANKIN KUY Midland Th. 79706 432-522-2133 Project Manager: Shanna Sm.4/ 10/01 LPE Company Address: Sampler Signature: Company Name Telephone No: City/State/Zip: (lab use only)

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Analyze For	\vdash	╀	X 60215 5030 ov BTEX 8260	_/	7	┦—	┦			-+		+-	기를 준 기를 든	adsp con con	iver C	g,
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Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Talon Plai	ns				
Date/ Time: <u>9.20.00</u>	15707				
Lab ID#:	9				
Initials: aL	·				
	Sample Receipt	Checklist		Clie	ent initials
#1 Temperature of container/ coole	r?	Yes	No	5 ° C	
#2 Shipping container in good cond		Yes	No		
#3 Custody Seals intact on shipping		Yes	No	Not Present	
#4 Custody Seals intact on sample		Yes	No	Not Present	
#5 Chain of Custody present?		¥(es)	No		
#6 Sample instructions complete of	Chain of Custody?	Yes	No		
#7 Chain of Custody signed when r	elinquished/ received?	Yes)	No		
#8 Chain of Custody agrees with sa		(es)	No	ID written on Cont./ Lid	
#9 Container label(s) legible and int		(e)	No	Not Applicable	
#10 Sample matrix/ properties agree	with Chain of Custody?	Yes	No		
#11 Containers supplied by ELOT?		Yes	No		
#12 Samples in proper container/ bo	ottle?	Ves	No	See Below	
#13 Samples properly preserved?		Yes	No	See Below	
#14 Sample bottles intact?		Yes	No		
#15 Preservations documented on t	Chain of Custody?	Yes	No		
#16 Containers documented on Cha	ain of Custody?	(es)	No		
#17 Sufficient sample amount for in	dicated test(s)?	Yes	No	See Below	
#18 All samples received within suff	icient hold time?	(es)	No	See Below	
#19 Subcontract of sample(s)?		Yes	No	Not Applicable	
#20 VOC samples have zero heads	pace?	Yes	No	Not Applicable	
Contact:	Variance Docum	nentation		Date/ Time:	
Corrective Action Taken:					
	See attached e-mail/ fax Client understands and woul Cooling process had begun s				



6701 Aherdeen Avenue, Suite 9 200 East Sunset Road, Suite E

El Paso, Texas 79922 5002 Basin Street, Suite A1 6015 Harris Parkway, Suite 110

Midland, Texas 79703 Ft. Worth, Texas 76132

Lubbock, Texas 79424

E-Mail: lab@traceanalysis.com

888 • 588 • 3443

806 • 794 • 1296

915 • 585 • 3443 432 • 689 • 6301

FAX 915 • 585 • 4944

817 • 201 • 5260

FAX 432 • 689 • 6313

Analytical and Quality Control Report

Shanna Smith Talon/LPE-Midland 2901 State Highway 349 Midland, TX, 79706

Report Date: December 27, 2007

Work Order:

7122102

Project Location: Lea County, N.M.

Project Name:

Project Number: SRS#:

Moore to Jal #2

Plains008SPL SRS#2002-10273

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

			Date	1 me	Date
Sample	Description	Matrix	\mathbf{Taken}	Taken	Received
146003	MW-13	water	2007-12-18	12:48	2007-12-20
146004	MW-8	water	2007-12-18	13:09	2007-12-20
146005	MW-12	water	2007-12-19	08:26	2007-12-20
146006	MW-11	water	2007-12-19	08:44	2007-12-20
146007	MW-10	water	2007-12-19	08:54	2007-12-20

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 7 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Page Number: 2 of 7 Report Date: December 27, 2007 Work Order: 7122102 Plains008SPL Lea County, N.M. Moore to Jal #2

Analytical Report

Sample: 146003 - MW-13

Analysis: **BTEX** Analytical Method: S 8021B QC Batch: 44099 Date Analyzed: 2007-12-21 Prep Batch: 37967

Analyzed By: DC Prepared By: DCSample Preparation: 2007-12-20

Prep Method: S 5030B

		\mathbf{RL}			
Parameter	Flag	Result	Units	Dilution	RL
Benzene		< 0.00100	mg/L	1	0.00100
Toluene		< 0.00100	m mg/L	1	0.00100
Ethylbenzene		< 0.00100	mg/L	1	0.00100
Xylene		< 0.00100	m mg/L	1	0.00100

					Spike	Percent	Recovery
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	Limits
Trifluorotoluene (TFT)		0.101	mg/L	1	0.100	101	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0813	mg/L	1	0.100	81	70 - 130

Sample: 146004 - MW-8

Analysis: **BTEX** Analytical Method: S 8021B Prep Method: S 5030B QC Batch: 44176 Date Analyzed: 2007-12-26 Analyzed By: DC Prep Batch: 38052 Sample Preparation: 2007-12-26 Prepared By:

		\mathbf{RL}			
Parameter	Flag	\mathbf{Result}	Units	Dilution	RL
Benzene		0.660	mg/L	5	0.00100
Toluene		0.0211	m mg/L	5	0.00100
Ethylbenzene		0.0211	m mg/L	5	0.00100
Xylene		0.0789	m mg/L	5	0.00100

					Spike	Percent	Recovery
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	Limits
Trifluorotoluene (TFT)		0.527	mg/L	5	0.500	105	70 - 130
4-Bromofluorobenzene (4-BFB)		0.457	mg/L	5	0.500	91	70 - 130

Sample: 146005 - MW-12

Analysis: **BTEX** Prep Method: S 5030B Analytical Method: S 8021B QC Batch: 44176 Date Analyzed: 2007-12-26 Analyzed By: DCPrep Batch: 38052 Prepared By: Sample Preparation: 2007-12-26

		RL			
Parameter	Flag	Result	Units	Dilution	RL
Benzene		< 0.00500	mg/L	5	0.00100
Toluene		< 0.00500	mg/L	5	0.00100
Ethylbenzene		< 0.00500	mg/L	5	0.00100
Xylene		< 0.00500	mg/L	5	0.00100

Plains008SPL

Benzene

Toluene

Work Order: 7122102

Page Number: 3 of 7 Lea County, N.M. Moore to Jal #2

0.001

0.001

continued ...

mg/L

mg/L

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recover Limits
Trifluorotoluene (TFT)		0.518	mg/L	5	0.500	104	70 - 130
4-Bromofluorobenzene (4-BFB)		0.453	mg/L	5	0.500	91	70 - 130
Sample: 146006 - MW-11							
Analysis: BTEX		nalytical Me		8021B		Prep Method:	
QC Batch: 44099		ate Analyze		007-12-21		Analyzed By:	DC
Prep Batch: 37967	S	ample Prepa	ration: 20	007-12-20	•	Prepared By:	DC
Parameter Flag		RL Result		Units	Dil	ıtion	R
Benzene Flag		0.0180		mg/L	Dire	1	0.0010
Toluene		0.00790		mg/L		1	0.0010
Ethylbenzene		0.00730		mg/L		1	0.0010
Xylene B		0.00110		$\frac{mg}{L}$		1	0.0010
	77'				Spike	Percent	Recover
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	Limits
Trifluorotoluene (TFT) 4-Bromofluorobenzene (4-BFB)		0.100 0.0881	$_{ m mg/L}$ $_{ m mg/L}$	1 1	0.100 0.100	100 88	70 - 130 70 - 130
Analysis: BTEX	A	nalytical Me	thod: S	8021B		Prep Method:	S 50301
QC Batch: 44099	D	nalytical Me ate Analyzed	d: 20	8021B 007-12-21		Prep Method: Analyzed By:	\mathbf{DC}
QC Batch: 44099	D	ate Analyzed ample Prepar	d: 20				
QC Batch: 44099 Prep Batch: 37967	D	ate Analyzed ample Prepar RL	l: 20 ration: 20	07-12-21	Dilı	Analyzed By:	DC DC
QC Batch: 44099 Prep Batch: 37967 Parameter Flag	D	ate Analyzed ample Prepar	l: 20 ration: 20	007-12-21 007-12-20 Units	Dilı	Analyzed By: Prepared By:	DC DC
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene	D	ate Analyzed ample Prepar RL Result	d: 20 ration: 20	007-12-21 007-12-20	Dilı	Analyzed By: Prepared By:	DC DC R: 0.0010
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Foluene	D	ate Analyzed ample Preparation RL Result < 0.00100	d: 20 ration: 20	007-12-21 007-12-20 Units mg/L	Dilı	Analyzed By: Prepared By: ation	DC DC R 0.0010 0.0010
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Toluene Ethylbenzene	D	ate Analyzed ample Prepar RL Result <0.00100 <0.00100	d: 20 ration: 20	007-12-21 007-12-20 Units mg/L mg/L	Dilı	Analyzed By: Prepared By: ation 1 1	DC DC R: 0.0010 0.0010 0.0010
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Foluene Ethylbenzene Kylene	S	RL Result <0.00100 <0.00100 <0.00100 <0.00100 <0.00100	l: 20 ration: 20	007-12-21 007-12-20 Units mg/L mg/L mg/L mg/L	Spike	Analyzed By: Prepared By: 1 1 1 1 Percent	DC DC 0.0010 0.0010 0.0010 Recover
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Toluene Ethylbenzene Kylene Surrogate	D	RL Result <0.00100 <0.00100 <0.00100 <0.00100 Result	l: 20 ration: 20 Units	007-12-21 007-12-20 Units mg/L mg/L mg/L mg/L mg/L	Spike Amount	Analyzed By: Prepared By: ation 1 1 1 1 Percent Recovery	DC DC 0.0010 0.0010 0.0010 0.0010 Recover
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Toluene Ethylbenzene Kylene Surrogate Trifluorotoluene (TFT)	S	RL Result <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 Result 0.103	l: 20 ration: 20 Units mg/L	007-12-21 007-12-20 Units mg/L mg/L mg/L mg/L mg/L	Spike Amount 0.100	Analyzed By: Prepared By: 1 1 1 1 Percent Recovery 103	DC DC 0.0010 0.0010 0.0010 0.0010 Recover Limits 70 - 130
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Foluene Ethylbenzene Kylene Gurrogate Frifluorotoluene (TFT)	S	RL Result <0.00100 <0.00100 <0.00100 <0.00100 Result	l: 20 ration: 20 Units	007-12-21 007-12-20 Units mg/L mg/L mg/L mg/L mg/L	Spike Amount	Analyzed By: Prepared By: ation 1 1 1 1 Percent Recovery	DC DC 0.0010 0.0010 0.0010 Recover Limits 70 - 13
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Toluene Ethylbenzene Kylene Surrogate Trifluorotoluene (TFT) I-Bromofluorobenzene (4-BFB)	S	RL Result <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 Result 0.103	l: 20 ration: 20 Units mg/L	007-12-21 007-12-20 Units mg/L mg/L mg/L mg/L mg/L	Spike Amount 0.100	Analyzed By: Prepared By: 1 1 1 1 Percent Recovery 103	DC DC 0.0010 0.0010 0.0010 Recover Limits 70 - 13
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Toluene Ethylbenzene Kylene Surrogate Trifluorotoluene (TFT) I-Bromofluorobenzene (4-BFB) Method Blank (1) QC Bat	Flag	ate Analyzed ample Prepar RL Result <0.00100 <0.00100 <0.00100 <0.00100 Result 0.103 0.0900	Units mg/L mg/L	007-12-21 007-12-20 Units mg/L mg/L mg/L mg/L 1	Spike Amount 0.100	Analyzed By: Prepared By: ntion 1 1 1 1 Percent Recovery 103 90	DC DC 0.0010 0.0010 0.0010 Recover Limits 70 - 130 70 - 130
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Toluene Ethylbenzene Kylene Surrogate Trifluorotoluene (TFT) I-Bromofluorobenzene (4-BFB)	Flag	RL Result <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 Result 0.103	Units mg/L mg/L	007-12-21 007-12-20 Units mg/L mg/L mg/L mg/L mg/L	Spike Amount 0.100	Analyzed By: Prepared By: 1 1 1 1 Percent Recovery 103	DC DC DC R. 0.0010 0.0010 0.0010 Thinks 70 - 130 70 - 130 Thinks Py: DC
QC Batch: 44099 Prep Batch: 37967 Parameter Flag Benzene Coluene Ethylbenzene Kylene Furrogate Crifluorotoluene (TFT) I-Bromofluorobenzene (4-BFB) Method Blank (1) QC Bat QC Batch: 44099	Flag	ate Analyzed ample Prepar RL Result <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 Date Analyzed	Units mg/L mg/L	007-12-21 007-12-20 Units mg/L mg/L mg/L mg/L 1 Dilution 1 1 007-12-21 007-12-20	Spike Amount 0.100	Analyzed By: Prepared By: Ition 1 1 1 1 Percent Recovery 103 90 Analyzed Prepared	DC DC DC R. 0.0010 0.0010 0.0010 Thinks 70 - 130 70 - 130 Thinks Py: DC

<0.000300 <0.000200

Plains008SPL

Work Order: 7122102 Moore to Jal #2

Page Number: 4 of 7 Lea County, N.M.

method blank continued ...

		\mathbf{MDL}		
Parameter	Flag	Result	Units	RL
Ethylbenzene		< 0.000500	mg/L	0.001
Xylene		0.000800	mg/L	0.001

					Spike	Percent	Recovery
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	Limits
Trifluorotoluene (TFT)		0.0989	mg/L	1	0.100	99	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0829	mg/L	1	0.100	83	70 - 130

Method Blank (1)

QC Batch: 44176

QC Batch: 44176 Date Analyzed:

2007-12-26

Analyzed By: DC

Prep Batch: 38052

QC Preparation: 2007-12-26

Prepared By: DC

Parameter	Flag	Result	Units	RL
Benzene		< 0.000300	mg/L	0.001
Toluene		< 0.000200	m mg/L	0.001
Ethylbenzene		< 0.000500	mg/L	0.001
Xvlene		0.00190	mg/L	0.001

					Spike	Percent	Recovery
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	Limits
Trifluorotoluene (TFT)		0.104	mg/L	1	0.100	104	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0923	mg/L	1	0.100	92	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 44099 Prep Batch: 37967 Date Analyzed: QC Preparation: 2007-12-20

2007-12-21

Analyzed By: DC Prepared By: DC

Param	$egin{array}{c} ext{LCS} \ ext{Result} \end{array}$	Units	Dil.	$\begin{array}{c} {\bf Spike} \\ {\bf Amount} \end{array}$	Matrix Result	Rec.	Rec. Limit
Benzene	0.0945	mg/L	1	0.100	< 0.000300	94	70 - 130
Toluene	0.0962	$_{ m mg/L}$	1	0.100	< 0.000200	96	70 - 130
Ethylbenzene	0.0981	$_{ m mg/L}$	1	0.100	< 0.000500	98	70 - 130
Xylene	0.294	$_{ m mg/L}$	1	0.300	< 0.000400	98	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	$egin{array}{c} \mathbf{Matrix} \\ \mathbf{Result} \end{array}$	Rec.	Rec. Limit	RPD	$egin{aligned} \mathbf{RPD} \\ \mathbf{Limit} \end{aligned}$
Benzene	0.0960	mg/L	1	0.100	< 0.000300	96	70 - 130	2	
Toluene	0.0956	mg/L	1	0.100	< 0.000200	96	70 - 130	1	
Ethylbenzene	0.0964	mg/L	1	0.100	< 0.000500	96	70 - 130	2	
Xylene	0.287	mg/L	1	0.300	< 0.000400	96	70 - 130	2	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Plains008SPL

Work Order: 7122102 Moore to Jal #2 Page Number: 5 of 7 Lea County, N.M.

Surrogate	$egin{array}{c} ext{LCS} \ ext{Result} \end{array}$	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.102	0.0976	mg/L	1	0.100	102	98	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0934	0.0843	mg/L	1	0.100	93	84	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 44176 Prep Batch: 38052

Date Analyzed: 2007-12-26 QC Preparation: 2007-12-26 Analyzed By: DC Prepared By: DC

	LCS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit
Benzene	0.0997	mg/L	1	0.100	< 0.000300	100	70 - 130
Toluene	0.101	mg/L	1	0.100	< 0.000200	101	70 - 130
Ethylbenzene	0.102	mg/L	1	0.100	< 0.000500	102	70 - 130
Xylene	0.307	mg/L	1	0.300	0.0019	102	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	LCSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	\mathbf{Limit}	RPD	Limit
Benzene	0.0985	mg/L	1	0.100	< 0.000300	98	70 - 130	1	
Toluene	0.100	mg/L	1	0.100	< 0.000200	100	70 - 130	1	
Ethylbenzene	0.102	mg/L	1	0.100	< 0.000500	102	70 - 130	0	
Xylene	0.303	mg/L	1	0.300	0.0019	100	70 - 130	1	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	LCS	LCSD			Spike	LCS	LCSD	Rec.
Surrogate	\mathbf{Result}	Result	Units	Dil.	Amount	Rec.	${f Rec.}$	${f Limit}$
Trifluorotoluene (TFT)	0.104	0.103	mg/L	1	0.100	104	103	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0933	0.0928	mg/L	1	0.100	93	93	70 - 130

Matrix Spike (MS-1) Spiked Sample: 145905

QC Batch: 44099 Prep Batch: 37967 Date Analyzed: 2007-12-21 QC Preparation: 2007-12-20 Analyzed By: DC Prepared By: DC

	MS			Spike	Matrix		${f Rec.}$
Param	Result	${f Units}$	Dil.	Amount	Result	Rec.	Limit
Benzene	0.471	mg/L	5	0.500	< 0.00150	94	70 - 130
Toluene	0.472	mg/L	5	0.500	< 0.00100	94	70 - 130
Ethylbenzene	0.470	$_{ m mg/L}$	5	0.500	< 0.00250	94	70 - 130
Xylene	1.39	mg/L	5	1.50	< 0.00200	93	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	$\begin{array}{c} \mathbf{MSD} \\ \mathbf{Result} \end{array}$	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		mg/L	5	0.00	< 0.00150		70 - 130		
Toluene		mg/L	5	0.00	< 0.00100		70 - 130		
Ethylbenzene		mg/L	5	0.00	< 0.00250		70 - 130		
Xylene		$_{ m mg/L}$	5	0.00	< 0.00200		70 - 130		

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

 ${\bf Plains 008 SPL}$

Work Order: 7122102 Moore to Jal #2 Page Number: 6 of 7 Lea County, N.M.

Surrogate	MS Result	MSD Result	Units	Dil.	$\begin{array}{c} {\bf Spike} \\ {\bf Amount} \end{array}$	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.490		mg/L	5	0.5	98		70 - 130
4-Bromofluorobenzene (4-BFB)	0.369		mg/L	5	0.5	74		70 - 130

Matrix Spike (MS-1) Spiked

Spiked Sample: 145997

QC Batch: 44176 Prep Batch: 38052 Date Analyzed: 2007-12-26 QC Preparation: 2007-12-26 Analyzed By: DC Prepared By: DC

	MS			Spike	Matrix		Rec.
Param	\mathbf{Result}	\mathbf{Units}	Dil.	Amount	Result	Rec.	Limit
Benzene	0.532	m mg/L	5	0.500	0.0301	100	70 - 130
Toluene	0.496	mg/L	5	0.500	< 0.00100	99	70 - 130
Ethylbenzene	0.499	mg/L	5	0.500	< 0.00250	100	70 - 130
Xylene	1.50	mg/L	5	1.50	0.0158	99	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	MSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Benzene		mg/L	5	0.00	0.0301		70 - 130		
Toluene		mg/L	5	0.00	< 0.00100		70 - 130		
Ethylbenzene		mg/L	5	0.00	< 0.00250		70 - 130		
Xylene		mg/L	5	0.00	0.0158		70 - 130		_

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	MS	MSD			Spike	MS	MSD	${f Rec.}$
Surrogate	Result	Result	Units	Dil.	Amount	Rec.	Rec.	Limit
Trifluorotoluene (TFT)	0.510		mg/L	5	0.5	102		70 - 130
4-Bromofluorobenzene (4-BFB)	0.464		$_{ m mg/L}$	5	0.5	93		70 - 130

Standard (ICV-1)

QC Batch: 44099

Date Analyzed: 2007-12-21

Analyzed By: DC

			ICVs True	ICVs Found	$\begin{array}{c} {\rm ICVs} \\ {\rm Percent} \end{array}$	Percent Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Benzene		mg/L	0.100	0.0926	93	85 - 115	2007-12-21
Toluene		mg/L	0.100	0.0929	93	85 - 115	2007-12-21
Ethylbenzene		mg/L	0.100	0.0938	94	85 - 115	2007-12-21
Xylene		mg/L	0.300	0.280	93	85 - 115	2007-12-21

Standard (CCV-1)

QC Batch: 44099

Date Analyzed: 2007-12-21

Analyzed By: DC

			\mathbf{CCVs}	CCVs	\mathbf{CCVs}	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Benzene		mg/L	0.100	$0.099\overline{4}$	99	85 - 115	2007-12-21

continued ...

Plains008SPL Moore to Jal #2

Work Order: 7122102 Page Number: 7 of 7
Moore to Jal #2 Lea County, N.M.

 $standard\ continued\ \dots$

			\mathbf{CCVs}	\mathbf{CCVs}	\mathbf{CCVs}	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Toluene		$_{ m mg/L}$	0.100	0.0996	100	85 - 115	2007-12-21
Ethylbenzene		mg/L	0.100	0.100	100	85 - 115	2007-12-21
Xylene		mg/L	0.300	0.302	101	85 - 115	2007-12-21

Standard (ICV-1)

QC Batch: 44176

Date Analyzed: 2007-12-26

Analyzed By: DC

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent	Percent Recovery Limits	Date Analyzed
Benzene	Flag	mg/L	0.100	0.102	Recovery 102	85 - 115	2007-12-26
Toluene		mg/L	0.100	0.102	102	85 - 115	2007-12-26
Ethylbenzene		mg/L	0.100	0.103	103	85 - 115	2007-12-26
Xylene		$_{ m mg/L}$	0.300	0.308	103	85 - 115	2007-12-26

Standard (CCV-1)

QC Batch: 44176

Date Analyzed: 2007-12-26

Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0946	95	85 - 115	2007-12-26
Toluene		mg/L	0.100	0.0958	96	85 - 115	2007-12-26
Ethylbenzene		mg/L	0.100	0.0965	96	85 - 115	2007-12-26
Xylene		mg/L	0.300	0.288	96	85 - 115	2007-12-26

Circle or Specify Method El Paso, Texas 79922 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443 200 East Sunset Rd. TCLP Volatiles TCLP Metals Ag As Ba Cd Cr Pb Se Hg - Change Total Metals Ag As Ba Cd Cr Pb Se Hg 60108/200.7 2 5002 Basin Street, Suite A1 Midland, Texas 79703 Tel (432) 689-6301 Fax (432) 689-6313 PAH 8270C / 625 01887 TPH 8015 GRO / DRO / TVHC TPH 418.1 / TX1005 / TX1005 EX(C35) Carrier # BIEX 8021B) 602 / 8260B / 624 م الم Temp°c: Temp`c: emp :: 80218 / 602 / 82608 / 624 **BATM** 342 SAMPLING about teach 12/2010, 1523 **JIME** Ssmith@talonloe.com 2007 Time: Time: 6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 Tel (805) 794-1296 Fax (806) 794-1298 1 (800) 378-1296 **3TA**₀ 1x 7970w(432) 522 - 2180 SRS # 2002 -10273 LAB Order ID # pra (432) 522-2133 Fax#; Date: NONE Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C. Talon ICE HOBN ompany: Company: Company: OS2H EONH 200 Phone # HCI all land Received by: STUDGE Received by: Received by MATRI ЯIA TraceAnalysis, Inc. ROIF **A3TAW** 349 Midland 10 email: lab@traceanalysis.com A. 20H20 14:00 2007 1573 40ml InnomA \ emulo\ Time: íme: Time: # CONTAINERS W (O.M. Dec. 20. Date: Date: Date: Q Mains col 8 sp FIELD CODE Polon 200 Сотрапу: Project Location (including sta Contact Person: Shanna

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Moisture Content

PCB's 8082 / 608

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Pesticides 8081A \ 608

CC/W2 API 8580B \ 854

GC/MS Semi: Vol. 8270C / 625

BOD, TSS, pH

Turn Around Time if different from standard

Suite 180

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No.

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Check If Special Reporting Limits Are Needed



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E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Shanna Smith Talon/LPE-Midland 2901 State Highway 349 Midland, TX, 79706

Report Date: January 9, 2008

Work Order:

8010314

Project Location: Lea County, NM Project Name:

Moore to Jal #2 Plains008SPL

Project Number: SRS #:

2002-10273

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

			Date	Time	\mathbf{Date}
Sample	Description	Matrix	Taken	Taken	Received
146807	MW-4	water	2007-12-28	13:30	2008-01-03

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Standard Flags

 $\boldsymbol{B}\,$ - $\,$ The sample contains less than ten times the concentration found in the method blank.

Report Date: January 9, 2008

Plains008SPL

Work Order: 8010314 Moore to Jal #2 Page Number: 2 of 4 Lea County, NM

Analytical Report

Sample: 146807 - MW-4

Analysis: BTEX QC Batch: 44494 Prep Batch: 38313

Analytical Method: S 8021B Date Analyzed: 2008-01-08 Sample Preparation: 2008-01-08

Prep Method: S 5030B Analyzed By: DC Prepared By: DC

		\mathbf{RL}			
Parameter	Flag	Result	Units	Dilution	RL
Benzene		20.6	mg/L	100	0.00100
Toluene		0.912	m mg/L	100	0.00100
Ethylbenzene		0.856	m mg/L	100	0.00100
Xylene		1.50	m mg/L	100	0.00100

					Spike	Percent	Recovery
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	Limits
Trifluorotoluene (TFT)		10.7	mg/L	100	10.0	107	70 - 130
4-Bromofluorobenzene (4-BFB)		10.3	$_{ m mg/L}$	100	10.0	103	70 - 130

Method Blank (1)

QC Batch: 44494

QC Batch: 44494 Prep Batch: 38313 Date Analyzed: 2008-01-08 QC Preparation: 2008-01-08 Analyzed By: DC Prepared By: DC

		\mathbf{MDL}		
Parameter	Flag	Result	${f Units}$	RL
Benzene		< 0.000300	mg/L	0.001
Toluene		< 0.000200	$_{ m mg/L}$	0.001
Ethylbenzene		< 0.000500	$_{ m mg/L}$	0.001
Xylene		< 0.000400	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.111	mg/L	1	0.100	111	70 - 130
4-Bromofluorobenzene (4-BFB)		0.101	mg/L	1	0.100	101	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 44494 Prep Batch: 38313 Date Analyzed: 2008-01-08 QC Preparation: 2008-01-08 Analyzed By: DC Prepared By: DC

	LCS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit
Benzene	0.108	mg/L	1	0.100	< 0.000300	108	70 - 130
Toluene	0.108	$_{ m mg/L}$	1	0.100	< 0.000200	108	70 - 130
Ethylbenzene	0.108	mg/L	1	0.100	< 0.000500	108	70 - 130
Xylene	0.323	mg/L	1	0.300	< 0.000400	108	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Report Date: January 9, 2008

Plains008SPL

Work Order: 8010314 Moore to Jal #2 Page Number: 3 of 4 Lea County, NM

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.102	mg/L	1	0.100	< 0.000300	102	70 - 130	6	
Toluene	0.102	mg/L	1	0.100	< 0.000200	102	70 - 130	6	
Ethylbenzene	0.103	mg/L	1	0.100	< 0.000500	103	70 - 130	5	
Xylene	0.308	mg/L	1	0.300	< 0.000400	103	70 - 130	5_	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	LCS	LCSD			Spike	LCS	LCSD	Rec.
Surrogate	Result	Result	Units	Dil.	Amount	Rec.	Rec.	Limit
Trifluorotoluene (TFT)	0.111	0.110	mg/L	1	0.100	111	110	70 - 130
4-Bromofluorobenzene (4-BFB)	0.102	0.102	mg/L	1	0.100	102	102	70 - 130

Matrix Spike (MS-1) Spiked Sample: 146807

QC Batch: 44494 Prep Batch: 38313 Date Analyzed: 2008-01-08 QC Preparation: 2008-01-08 Analyzed By: DC Prepared By: DC

	MS			Spike	Matrix		${f Rec}.$
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit
Benzene	30.7	mg/L	100	10.0	20.6321	101	70 - 130
Toluene	11.2	mg/L	100	10.0	0.9115	103	70 - 130
Ethylbenzene	11.1	$_{ m mg/L}$	100	10.0	0.8563	102	70 - 130
Xylene	32.2	$_{ m mg/L}$	100	30.0	1.5017	102	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	MSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Benzene	31.7	mg/L	100	10.0	20.6321	111	70 - 130	3	
Toluene	11.6	mg/L	100	10.0	0.9115	107	70 - 130	4	
Ethylbenzene	11.6	$\mathrm{mg/L}$	100	10.0	0.8563	107	70 - 130	4	
Xylene	33.4	mg/L	100	30.0	1.5017	106	70 - 130	4	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	MS	MSD			Spike	MS	MSD	Rec.
Surrogate	Result	Result	Units	Dil.	Amount	Rec.	Rec.	Limit
Trifluorotoluene (TFT)	10.8	10.5	mg/L	100	10	108	105	70 - 130
4-Bromofluorobenzene (4-BFB)	9.87	9.94	mg/L	100	10	99	99	70 - 130

Standard (CCV-1)

QC Batch: 44494

Date Analyzed: 2008-01-08

Analyzed By: DC

			CCVs	CCVs	\mathbf{CCVs}	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	\mathbf{Units}	Conc.	Conc.	Recovery	Limits	Analyzed
Benzene		mg/L	0.100	0.113	113	85 - 115	2008-01-08
Toluene		${ m mg/L}$	0.100	0.112	112	85 - 115	2008-01-08
Ethylbenzene		mg/L	0.100	0.113	113	85 - 115	2008-01-08
Xylene		mg/L	0.300	0.335	112	85 - 115	2008-01-08

Report Date: January 9, 2008

Plains008SPL

Work Order: 8010314 Moore to Jal #2 Page Number: 4 of 4 Lea County, NM

Standard (CCV-2)

QC Batch: 44494

Date Analyzed: 2008-01-08

Analyzed By: DC

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.107	107	85 - 115	2008-01-08
Toluene		mg/L	0.100	0.107	107	85 - 115	2008-01-08
Ethylbenzene		mg/L	0.100	0.108	108	85 - 115	2008-01-08
Xylene		$_{ m mg/L}$	0.300	0.323	108	85 - 115	2008-01-08

LAB Order 1D# 801 0314

6701 Aberdean Avenue, Suite 9 Lubbock, Texas 79424 Tel (806) 794-1296 Fax (806) 794-1298 1 (800) 378-1296

TraceAnalysis, Inc.

email: lab@traceanalysis.com

Company Name:

Phone #:

5002 Basin Street, Suite A1 Midland, Texas 79703 Tel (432) 689-6301 Fax (432) 689-6313

200

D East Sunset Rd., Suite E El Paso, Texas 79922 Tel (915) 585-3443 Fax (915) 585-494 1 (888) 588-3443

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8808 Camp Bowie Blvd. West, Suite 180 Ft. Worth, Texas 76116 Tal (817) 201-5260 Fax (817) 560-4336

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Page

Dry Weight Basis Required A11 100 11- rth Steam PIOH ensilvan NSV. Comille Ryolds, Turn Around Time if different from standard Shann Smith . More Shows No. Circle or Specify Method Check If Special Reporting Limits Are Needed TRRP Report Required **ANALYSIS REQUEST** Moisture Content Hq ,22T ,008 Pesticides 8081A / 608 **508 8085 1 608** GC/MS Semi. Vol. 8270C / 625 REMARKS 3C/W2 API 8560B / 654 TCLP Pesticides TCLP Semi Volatiles TCLP Volatiles CAR'S TCLP Metals Ag As Ba Cd Cr Pb Se Hg Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 PAH 8270C / 625 TPH 8015 GRO / DRO / TVHC TPH 418.1 / TX1005 / TX1005 Ext(C35) 8021B) 602 / 8260B / 624 Temp"c: Temp°c: **BATM** 80218 / 602 / 82608 / 624 3/28 11:10 530 TIME SAMPLING Time: 12/22/07 132.525-2133 **BTAQ** SSMith 2 talon be. com 0812-225-28 RESERVATIVE MONE <u>ပ</u> METHOD ICE Project Name; HOSN OS2H Ses# 2002-10273 HNO E-mail: HCI Fax#: Received by: STUDGE Received by MATRIX 70161 ЯIA TIOS **A**3TAW InnomA \ emuloV Time: 1000 # CONTAINERS 128/07 50.0% FIELD CODE Lana Smil Company: Company: 5 60 Late Project Location (including state) 765800 54.8/ 14/7 (If different from above) Relinquished by: Contact Persor (ABIOSE) ONLY 11803 invoice to: Project # Address

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side(of C)

Carrier #

ORIGINAL COPY

APPENDIX D NMOCD C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR						⊠ In	itial Report	Fina	l Report				
Name of Co	ompany					-		Contact					
EOTT								Hernandez					
Address	(0 5005 T-		0.3.61.11.		70700			one No.					
		st Highway 8	0 Midland	i, Texas	79702	1111,79		915.638.3799 Facility Type					
Facility Nar 8" Moore to								l Pipeline					
o Moore to) Jαι π2						6 Sicc	i i ipeinie					
Surface Ow	ner		•		Minera	al Own	ier		<u></u>	Lease N	Lease No.		
State of Nev	w Mexico												
LOCATION OF RELEASE													
Unit Letter Section Township Range Feet from t			m the	North/	South Line	Feet from the	East/West Li						
16	16	T17S	R37E							I	: 49' 56.61"N)3 15' 08.47"W		
			K3/E			L				Lon. 10	13 13 U6.47 W		
				1	NATUI	RE O	F RELE						
Type of Relea	ase						Volume of Release			Volume Recovered			
Crude Oil Source of Re	lease						25 bbls barrels Date and Hour of Occurrence			0 bbls barrels Date and Hour of Discovery			
8" Steel Pipel							EOTT				10-22-02 @, 7:00 PM		
Was Immedia	ate Notice G							If YES, To Whom?					
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Yes 🔲 N	No 🔲 1	Not Requ	iired	Larry John	Larry Johnson					
By Whom?							Date and Hour						
Pat McCaslar		ned? Yes	· M No				10-23-02 @ 7:00 AM If YES, Volume Impacting the Watercourse.						
was a water	ourse Reaci	icu: 🔟 res	ь <u>М</u> 140				NA						
If a Watercourse was Impacted, Describe Fully.*													
NA													
Describe Cou	an of Dunkler	and Da 1	-1 A -4:- T	\-1 +				· · ·					
		n and Remedia			rtical and	d horiza	ntal extents	of contamination	on. Contami	nated soil will	be blended on site or		
disposed of.					ariour uni	u mornec	, intui viitviito	0. 0 0					
D	A CC 1	1.01	··	4.									
		nd Cleanup Ac			e vertica	l and h	orizontal ext	ents of contami	nation Cont	aminated soil	will be blended on		
Toluene, and	site or disposed of. Remedial Goals: TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.												
I hereby certif	fy that the in	formation give	n above is	true and	complete	e to the	heet of my k	nowledge and	understand th	at purcuant to	NMOCD rules and		
public health	regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability												
should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human													
health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.													
Signature:						OIL CONSERVATION DIVISION							
						OIL COLLEGE THE DEVICE OF							
Duinted Names, Frank, Harman day						1.				ĺ			
Printed Name: Frank Hernandez						Approved by District Supervisor:							
Title: District Environmental Supervisor					Approva	l Date:		Expiration I	Pate:				
Date: October 23, 2003 Phone: 915.638.3799					Conditio	ns of Approvai	:		Attached				

Incident Date: NMOCD Notified: **EOTT** Site Information and Metrics 10-22-02 @ 5:00 Pm 10-23-02 @ 7:00 AM SITE: 8" Moore to Jal #2 Assigned Site Reference #: 2002-10273 Company: EOTT Street Address: PO Box 1660 Mailing Address: 5805 East Highway 80 City, State, Zip: Midland, Texas 79702 Representative: Frank Hernandez Representative Telephone: 915.638.3799 Telephone: Fluid volume released (bbls): 25 bbls Recovered (bbls): 0 bbls >25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas) 5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas) Leak, Spill, or Pit (LSP) Name: 8" Moore to Jal #2 Source of contamination: 8" Steel Pipeline Land Owner, i.e., BLM, ST, Fee, Other: State of New Mexico LSP Dimensions ~160' x 40' LSP Area: $5,794 \text{ sqft } \text{ft}^2$ Location of Reference Point (RP) Location distance and direction from RP Latitude: 32 49' 56.61"N Longitude: 103 15' 08.47"W Elevation above mean sea level: Feet from South Section Line Feet from West Section Line Location- Unit or 1/41/4: NW1/4 of the SE1/4 Unit Letter: J Location- Section: 16 Location-Township: T17S Location-Range: R37E Surface water body within 1000 'radius of site: none Surface water body within 1000 'radius of site: Domestic water wells within 1000' radius of site: none Domestic water wells within 1000' radius of site: Agricultural water wells within 1000' radius of site: none Agricultural water wells within 1000' radius of site: Public water supply wells within 1000' radius of site: none Public water supply wells within 1000' radius of site: Depth from land surface to ground water (DG) ~66'bgs Depth of contamination (DC) -Depth to ground water (DG - DC = DtGW) - 01. Ground Water 2. Wellhead Protection Area 3. Distance to Surface Water Body If Depth to GW <50 feet: 20 points <200 horizontal feet: 20 points If <1000' from water source, or;<200' from If Depth to GW 50 to 99 feet: 10 points private domestic water source: 20 points 200-100 horizontal feet: 10 points If >1000' from water source, or; >200' from If Depth to GW > 100 feet: 0 points >1000 horizontal feet: 0 points private domestic water source: 0 points Ground water Score = 20 Wellhead Protection Area Score = 0 Surface Water Score = 0 Site Rank (1+2+3) = 20**Total Site Ranking Score and Acceptable Concentrations** 0-9 10-19 Parameter >19 Benzene¹ 10 ppm 10 ppm 10 ppm BTEX¹ 50 ppm 50 ppm 50 ppm 1000 ppm **TPH** 5000 ppm 100 ppm ¹100 ppm field VOC headspace measurement may be substituted for lab analysis