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Annual GW Mon. REPORTS

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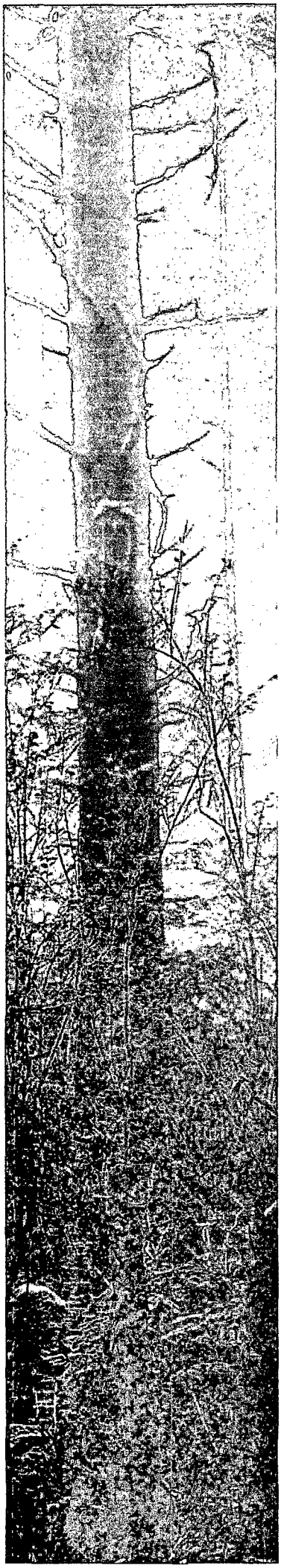

2007 ANNUAL REPORT

VACUUM TO JAL 14" MAINLINE #5

PLAINS SRS NO. 2003-00134

UL-A SECTION 2 T22S R37E

Lea County, New Mexico

NMOCD # 1R - 0464

RECEIVED
MAR 31 2008
Environmental Bureau
Oil Conservation Division

PREPARED FOR

PLAINS MARKETING, L.P.

333 CLAY STREET, SUITE 1600

HOUSTON, TEXAS 77002

PREPARED BY

PREMIER ENVIRONMENTAL SERVICES, INC
4800 Sugar Grove Blvd., Suite 420
Stafford, Texas 77477
281.240.5200

Project No. 205069.00

March 2008

Chan Patel
Senior Project Manager

PLAINS
ALL AMERICAN

March 27, 2008

RECEIVED

MAR 31 2008

Environmental Bureau
Oil Conservation Division

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
4 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:

DS Hugh	Section 26, Township 21 South, Range 37 East, Lea County
Vacuum to Jal 14" Mainline #3	Section 35, Township 21 South, Range 37 East, Lea County
Vacuum to Jal 14" Mainline #5	Section 2, Township 22 South, Range 37 East, Lea County
Hugh Gathering	Section 11, Township 21 South, Range 37 East, Lea County

Premier 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 Premier 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 (432) 686-1769.

Sincerely,

Daniel Bryant
Environmental & Regulatory Compliance Specialist
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

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Appendix C Analytical Laboratory Reports – *Available Electronically on CD only*

Appendix D C-141 NMOCD Release Notification Form

Distribution

DISCLAIMER

Premier has examined and relied upon the file information provided by Plains and Environmental Plus, Inc. (EPI). Premier has not conducted an independent examination of the information contained in the Plains files; furthermore, we assume the genuineness of the documents reviewed and that the information provided in these documents to be true and accurate. Premier has prepared this report using the level of care and professionalism in the industry for similar projects under similar conditions. Premier will not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time this report was prepared. Premier believes the conclusions stated herein are factual, but no guarantee is made or implied.

EXECUTIVE SUMMARY

Premier Environmental Services, Inc. (Premier) has prepared this Annual Report (Report) on behalf of Plains Marketing, L.P. (Plains) for the Vacuum to Jal 14" Mainline #5 (Site), located in T22S, R37E, Section 2 of Lea County, New Mexico, approximately 2 miles east of Eunice, New Mexico, more specifically at latitude 32° 25' 39.006" N and longitude 103° 07' 43.155" W (Figure 1, Appendix A). The hydrocarbon impact at the Site is the result of a 20 barrel crude oil release that occurred on May 23, 2003. The pipeline was owned by EOTT Energy, LLC (EOTT) at the time of the release, and is currently owned by Plains.

This report presents the data collected at the Site during four quarterly groundwater sampling events that were carried out during 2007. The on-going quarterly groundwater sampling program in-place at the site is the result of the discovery of affected groundwater beneath the Site. Groundwater was found to be impacted by hydrocarbon, including the presence of phase-separated hydrocarbons (PSH), during a subsurface investigation conducted at the Site by Premier in March 2006. The March 2006 subsurface investigation included the installation of three monitor wells (MW-1, MW-2 and MW-3) and three potential recovery wells (RW-1, RW-2 and RW-3) to depths between 45 and 60 feet below ground surface (bgs).

A ***Soil Remediation Plan***, dated May 2006, was prepared and submitted and approved by New Mexico Oil Conservation Division (NMOCD) in a letter dated June 12, 2006. The objective of the ***Soil Remediation Plan*** was to excavate the most contaminated soil, isolate and control residual contaminants of concern (COCs) in the soil and to prevent further impact to groundwater by placement of an impermeable liner at the base of the excavation. ***The Soil Remediation Plan*** was implemented in October and November 2006. Details are presented in a report titled ***Soil Closure Report***, dated March 2007. During November and December 2006, an additional subsurface investigation to define the lateral extent of impacted groundwater beneath the site was conducted and, included the installation of four monitor wells (MW-4, MW-5, MW-6 and MW-7) and three potential recovery wells (RW-4, RW-5 and RW-6) to depths between 60 and 61 feet bgs. Additional site history is presented in Section 1.0.

Quarterly groundwater sampling and PSH purging exercises were conducted at the Site in 2007 on a weekly basis by Premier. In 2007, approximately 542 gallons of dissolved phase hydrocarbons and 71 gallons of PSH were recovered from the three wells impacted with PSH.

Groundwater analytical results show three wells with benzene above regulatory limits in the first quarter. By 4th Quarter of 2007, only benzene in monitor well MW-1 is above regulatory limits. Benzene concentrations in this well have decreased from 0.481 mg/L in the first quarter to 0.0955 in the fourth quarter.

1.0 INTRODUCTION AND SITE HISTORY

Early in 2006, Premier was retained by Plains to complete delineation and remediation activities at the Vacuum to Jal #5 site, SRS No. 2003-00134. According to the initial Response Notification (NMOCD Form no. C-141), Mr. Pat McCasland of Environmental Plus, Inc. (EPI) reported the release on behalf of Mr. Frank Hernandez of EOTT to the NMOCD on May 23, 2003 at about 8:00 pm (a copy of the C-141 release notification form is included in Appendix D). The leak was apparently caused by internal or external corrosion. The line was being pressure tested when the leak occurred. The Site is located in Lea County, New Mexico, approximately 2 miles east of Eunice, New Mexico (Figure 1, Appendix A).

EPI oversaw the initial emergency response activities at the site in May and June of 2003. According to EPI documents, the May 2003 release resulted in surface impacts in two areas that required excavation. The larger of the two areas was an irregularly shaped area measuring approximately 200 feet by 40 feet, and impacted approximately 8,885 square feet (Figure 2, Appendix A). The second area requiring excavation activities was a smaller L-shaped area located east of the southernmost portion of the larger excavation that measured approximately 2,500 square feet. The EPI data also indicated the presence of a historical spill at the Site. The historical spill was identified by the presence of an asphaltine layer that impacted an area in the central portion of the larger excavation and was under the existing pipelines.

According to Mr. McCasland with EPI, emergency response excavation activities associated with the May 23, 2003 release were conducted in May and June 2003 and the soil was stockpiled on-site. File correspondence from EPI to Plains states that, between March 5 and March 11, 2004, approximately 1,466 yd^3 of the more heavily impacted surface soils were transported off-site for treatment at the Lea Station Land Farm. In March 2004, EPI installed four trenches in areas of known hydrocarbon impacts for the purpose of further delineating the 2003 release and to assist with defining the depths of contamination and the need for additional excavation.

Premier's involvement with the project began in January 2006 with the collection of twelve composite soil samples from the stockpiled/land farmed soils. These samples were collected for the purpose of defining the level of hydrocarbons remaining in the land farmed soils. In March 2006, Premier oversaw the installation of six borings and subsequent wells at the Site. Following the installation of the six wells in March, Premier began bi-weekly PSH gauging and purging exercises and quarterly groundwater sampling activities at the Site. Based on the available soil and groundwater data, a ***Soil Remediation Plan*** was prepared and submitted to NMOCD in May 2006. The ***Soil Remediation Plan*** was approved by the NMOCD in June 2006. During October and November 2006, with the approval of NMOCD, Premier oversaw additional confirmation soil sampling activities in the open excavations and the completion of over excavation, liner placement and backfilling

activities. The results of the over excavation (soil remediation), liner placement and backfilling activities were presented in the ***Soil Closure Report*** dated March 2007. As part of the on-going groundwater investigation activities at the Site, Premier oversaw the installation of an additional seven borings/wells in November 2006. Details associated with the comprehensive site investigation conducted at the Site in November and December 2006 were presented in the ***Site Investigation and Annual Report,*** dated March 2007.

These reports document attainment at the Vacuum to Jal 14" Mainline #5 Site of the risk based NMOCD cleanup for soil established for this Site. They also document that the chemicals of concern (COC) in groundwater have been delineated. These reports were submitted to the NMOCD for final regulatory approval for closure of soil issues at this Site, and requested a "No Further Action required for soil remediation" letter from the NMOCD.

Activities completed in 2007 and detailed in this report are related to the removal of dissolved phase hydrocarbons, phased separated hydrocarbon (PSH) and quarterly monitoring of groundwater for dissolved phased concentrations of the COC.

2.0 QUARTERLY GROUNDWATER SAMPLING AND RESULTS

Site Cleanup Goals (Groundwater)

Based on standards outlined in the New Mexico Administrative Code (NMAC), Title 20, Chapter 6, Part 2, the remediation criteria for groundwater at the Site are 0.010 mg/L benzene, 0.750 mg/L toluene, 0.750 mg/L ethylbenzene and 0.620 mg/L total xylenes (see Table 1 in Appendix B). In addition to using these concentrations as the targeted cleanup goals in groundwater at the Site, PSH removal will also be a regular part of on-going remediation activities at the Site.

2.1 1st Quarter – Groundwater Sampling Results – February 2007

Following installation of the thirteen monitoring wells during 2006, Premier conducted the first quarterly groundwater sampling event at the Site in late February 2007. During each quarterly groundwater sampling event, prior to purging the wells, depth to PSH and water level measurements are collected from each well using an electric oil/water interface probe. The oil/water interface probe is decontaminated between use in each well. Prior tc collecting groundwater samples from each well, approximately 3 well volumes of water are purged from each well using dedicated PVC bailers. After purging is completed, groundwater samples are collected using dedicated disposable bailers. All samples are placed in laboratory provided containers and placed in a cooler with ice until being shipped to Accutest, Inc. in Houston, Texas for analysis. All purge water is placed in labeled 55-gallon drums and contained on-site.

During the February 28, 2007 event, groundwater samples were collected from monitor wells MW-1 through MW-7 and recovery wells RW-4 through RW-6 and submitted to Accutest for laboratory analyses of benzene, toluene, ethylbenzene and total xylenes (BTEX) analysis by EPA Method 8260B. Groundwater samples were not collected from recovery wells RW-1, RW-2 and RW-3 during the February 2007 sampling event due to the presence of PSH in these wells (see Figure 4-A in Appendix A). PSH thicknesses have ranged between 0.01 feet to 0.83 feet in these wells during February.

Analytical results for the groundwater samples collected at the Site on February 28, 2007 indicated that benzene was the only constituent detected above NMOCD remedial guidelines (Table 1, Appendix B). Benzene was identified at concentrations higher than the 0.01 mg/L standard in three samples (MW-1, MW-7 and RW-5). The sample collected from monitor well MW-1 showed concentrations of 0.481 mg/L benzene and 0.0191 mg/L ethylbenzene, for a total BTEX concentration of 0.500 mg/L. Monitor well sample MW-7 indicated concentrations of 0.0114 mg/L benzene. The sample from recovery well RW-5 indicated concentrations of 0.0193 mg/L benzene, 0.0038 mg/L toluene, 0.0015 mg/L ethylbenzene and 0.0014J mg/L total xylene ("J flagged means the result is estimated by the laboratory) for a total BTEX concentration of 0.026 mg/L (see

Table 1 in Appendix B). A copy of the laboratory's analytical data package is included in Appendix C.

The depth to water level measurements collected from wells MW-4 and MW-7 at the Site during the February 2007 sampling exercise indicated static water levels at 3313.77 feet to 3312.21 feet, respectively. The water level data collected on February 28, 2007 indicates a southerly groundwater flow across the site with an approximate gradient of 0.0032 feet/foot between wells MW-4 and MW-7 (see Figure 3-A in Appendix A). This flow pattern places monitor well MW-1 and MW-7 down gradient from the source area.

In addition to collecting groundwater samples during the first quarter of 2007, Premier performed weekly visits to the Site to gauge and purge PSH from the three recovery wells (RW-1, RW-2 and RW-3). During each site visit, PSH and water level measurements were made on these wells prior to purging to remove measurable PSH (see Table 2 in Appendix B). Periodically, adsorbent socks were used in the three recovery wells. During PSH recovery activities, typically, 1 to 2 gallons of PSH and 5-10 of water with dissolved phase hydrocarbons were removed from each well. All fluids removed from the recovery wells at the Site were placed in labeled 55-gallon drums that are being stored on-site.

2.2 2nd Quarter – Groundwater Sampling Results – May 2007

The second quarter groundwater sampling activities were conducted on May 30, 2007 and included the collection of groundwater samples from monitor wells MW-1 through MW-7 and recovery wells RW-4 through RW-6. Analytical results for groundwater samples collected during the May 2007 sampling event indicated that only benzene was detected in groundwater from the MW-1 sample at a concentration above the NMOCD remediation criteria (Table 1, Appendix B). The sample from monitor well MW-1 indicated concentrations of 0.213[a] mg/L benzene ([a] or [c] indicate that the result is from the second run in the laboratory which means that a dilution was undertaken by the laboratory).

The sample from monitor well MW-1 indicated concentrations of 0.213[a] mg/L benzene. MW-1 sample also indicated concentrations of 0.0043 mg/L ethylbenzene. All remaining constituents in samples from monitor wells MW-2 through MW-7 and recovery wells RW-4 through RW-6 were below NMOCD remediation criteria standards. Due to the presence of PSH in RW-1, RW-2 and RW-3, groundwater samples were not collected from these wells during the second quarter (see Figure 4b in Appendix A). PSH gauging and purging activities continued at the Site on a weekly basis during the second quarter (Table 2 in Appendix B).

The depth to water level measurements collected from all the wells at the Site during the May 2007 sampling exercise were used to construct the hydraulic gradient map included as Figure 3-B (Appendix A). The water level data collected on May 30, 2007 indicates a southerly groundwater flow across the site with an

approximate gradient of 0.0032 feet/foot as measured between monitor wells MW-4 and MW-7.

2.3 3rd Quarter – Groundwater Sampling Results – September 2007

The third quarter groundwater sampling activities were conducted on September 6, 2007 and included the collection of groundwater samples from monitor wells MW-1 through MW-7 and recovery wells RW-4 through RW-6. Analytical results for groundwater samples collected during the September 2007 sampling event indicated that only benzene was detected in MW-1 sample at a concentration above the NMOCD remediation criteria. The MW-1 sample indicated a concentration of 0.213[a] mg/L benzene. All other constituents in the MW-1 sample were not detected above method detection limits except ethylbenzene at a concentration of 0.0043 mg/L. All remaining constituents in samples from monitor wells and recovery wells were below NMOCD remediation criteria standards. Due to the presence of PSH in RW-1, RW-2 and RW-3, groundwater samples were not collected from these wells during the third quarter (see Figure 4-C in Appendix A). PSH gauging and purging activities continued at the Site on a weekly basis during the third quarter.

The depth to water level measurements collected from all the wells at the Site during the September 2007 sampling exercise were used to construct the hydraulic gradient map included as Figure 3-C (Appendix A). The water level data collected on September 6, 2007 indicates a southerly groundwater flow across the site with an approximate gradient of 0.0031 feet/foot as measured between monitor wells MW-4 and MW-7.

2.4 4th Quarter – Groundwater Sampling Results – November 2007

The fourth quarter groundwater sampling activities were conducted on November 13, 2007 and included the collection of groundwater samples from monitor wells MW-1 through MW-7 and recovery wells RW-4 through RW-6. Analytical results for groundwater samples collected during the November 2007 sampling event indicated that only benzene was detected in MW-1 sample at a concentration above the NMOCD remediation criteria (Table 1, Appendix B). The MW-1 sample indicated a concentration of 0.0955[c] mg/L benzene. The MW-1 sample also indicated concentrations of 0.0091 mg/L ethylbenzene, while toluene and total xylenes were not detected above method detection limits. All remaining constituents in samples from monitor wells MW-2 through MW-7 and recovery wells RW-4, RW-5 and RW-6 were either not detected or were below NMOCD remediation criteria standards (see Table 1 in Appendix B). Due to the presence of PSH in RW-1, RW-2 and RW-3, groundwater samples were not collected from these wells during the fourth quarter (see Figure 4-D in Appendix A). On November 13, 2007, RW-1 indicated PSH sheen, while RW-2 and RW-3 indicated PSH thicknesses of 0.80 feet and 0.16 feet, respectively.

The depth to water level measurements collected from all the wells at the Site during the November 2007 sampling exercise were used to construct the hydraulic gradient map included as Figure 3-D (Appendix A). The water level data collected

on November 13, 2007 indicates a southerly groundwater flow across the site with an approximate gradient of 0.0031 feet/foot as measured between monitor wells MW-4 and MW-7.

2.5 PSH Recovered

PSH gauging and removal activities continued on a weekly basis at the site in 2007. Recovery methods included hand bailing and the use of adsorbent socks to remove PSH observed in RW-1, RW-2 and RW-3. In 2007, based on PSH gauging and recovery data summarized in Table 2, approximately 542 gallons of dissolved phase hydrocarbons and 71 gallons of PSH were recovered from the three wells.

3.0 CONCLUSIONS

This 2007 Annual Report documents the results of the quarterly groundwater sampling program that is on-going at the Site, and the volume of PSH recovered in 2007. A summary of these activities, including the groundwater data collected at the Site over the past year includes the following:

- PSH was identified in the three recovery wells and dissolved phase benzene was identified in the three monitoring well groundwater samples. Measurable PSH in the three wells has decreased from 0.08 foot to a sheen in recovery well RW-1; from 1.0 foot to 0.75 feet in well RW-2 and from 1.0 foot to 0.1 feet in well RW-3.
- Groundwater analytical results show three wells with benzene concentrations above the regulatory limit in the first quarter. In three subsequent quarters only monitor well MW-1 reported a benzene concentration above regulatory limits. Benzene concentrations in this well have decrease from 0.481 mg/L in the first quarter to 0.0955 mg/L in the fourth quarter.
- Analytical results from the most recent quarterly groundwater sampling event conducted in December 2007 indicate that the PSH and dissolved phase hydrocarbon plume appears to be defined. Data from the outer perimeter monitor wells (MW-4, MW-5, MW-6 and MW-7) indicate that no BTEX constituents were identified at concentrations above the method detection limit. Analytical results and PSH gauging data indicate that the down gradient perimeter of dissolved phase affected groundwater is present to the south of monitor wells MW-1 and the up-gradient perimeter to the south of monitor well MW-3.

The reduction in PSH and the decrease in dissolved phase hydrocarbon concentrations are attributable to the removal of affected soils in the surface and shallow subsurface soil, placement of a liner, PSH removal via manually bailing and natural attenuation.

The results of the groundwater monitoring demonstrate that hydrocarbons in groundwater have been delineated at the Site.

4.0 2008 PROPOSED ACTIVITIES

Premier proposes continuation of recovery operations including weekly gauging and PSH removal (absorbent socks may be used if deemed appropriate), and quarterly groundwater sampling to address the hydrocarbons in groundwater. Hand bailing and the use of absorbent socks were shown to be effective recovery methods used during 2007.

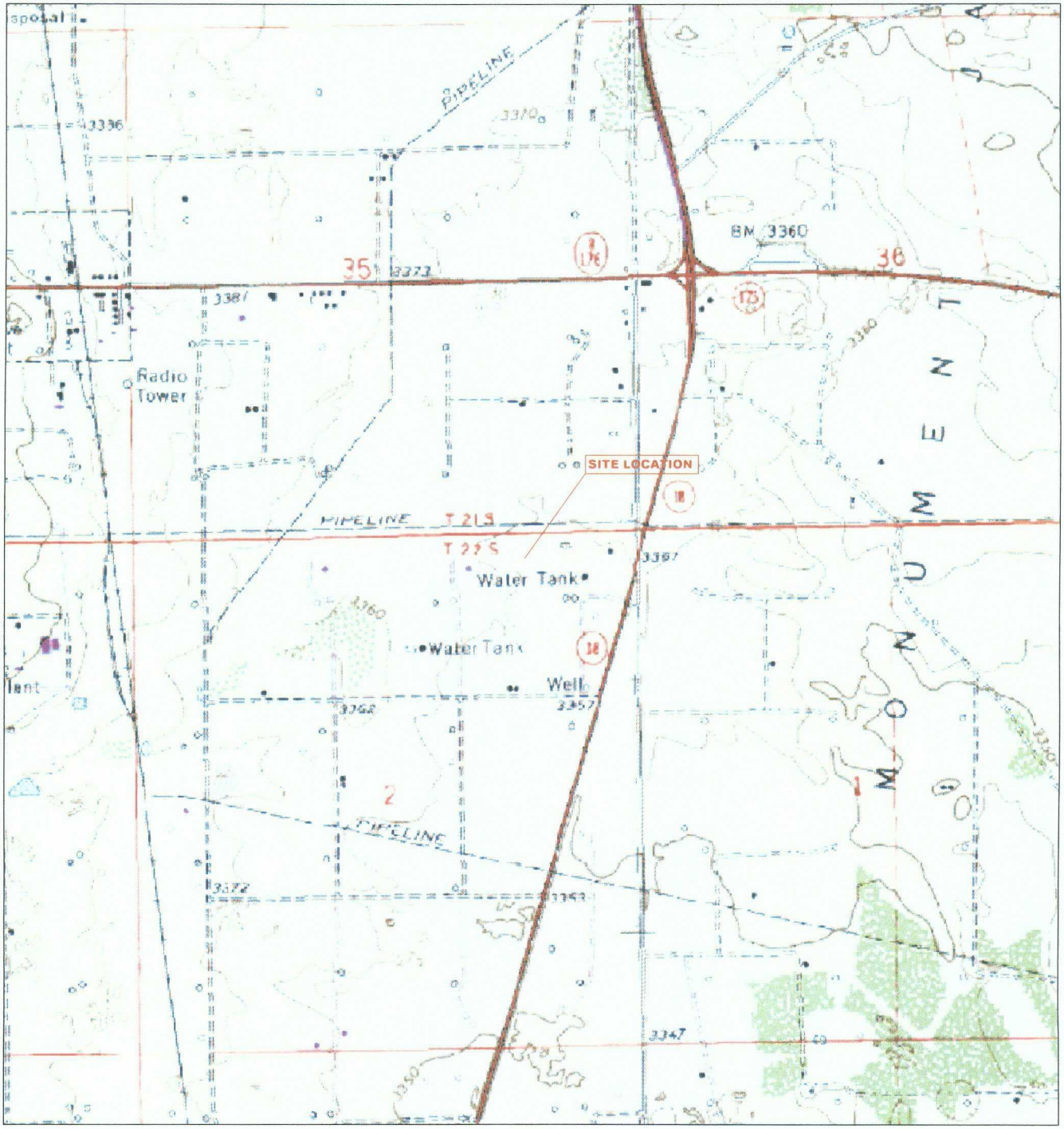
Appendix A
Figures

Figure 1 – Site Location Map

Figure 2 – Site Map

Figure 3-A – Groundwater Gradient Map February 28, 2007
Figure 3-B – Groundwater Gradient Map May 30, 2007
Figure 3-C – Groundwater Gradient Map September 6, 2007
Figure 3-D – Groundwater Gradient Map November 13, 2007

Figure 4-A – February 2007 - PSH and Benzene in Groundwater
Figure 4-B – May 2007 - PSH and Benzene in Groundwater
Figure 4-C– September 2007 - PSH and Benzene in Groundwater
Figure 4-D – November 2007 - PSH and Benzene in Groundwater



Eunice Quadrangle
32°25'39"N Latitude & 103°07'43"W Longitude

1/2 1/4 0 1/4 1/2

Distance in Miles

PREMIER
ENVIRONMENTAL SERVICES, INC.

Figure 1
Site Location Map
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

PROJ. NO: 205069.00	CK:	DATE: 3/08

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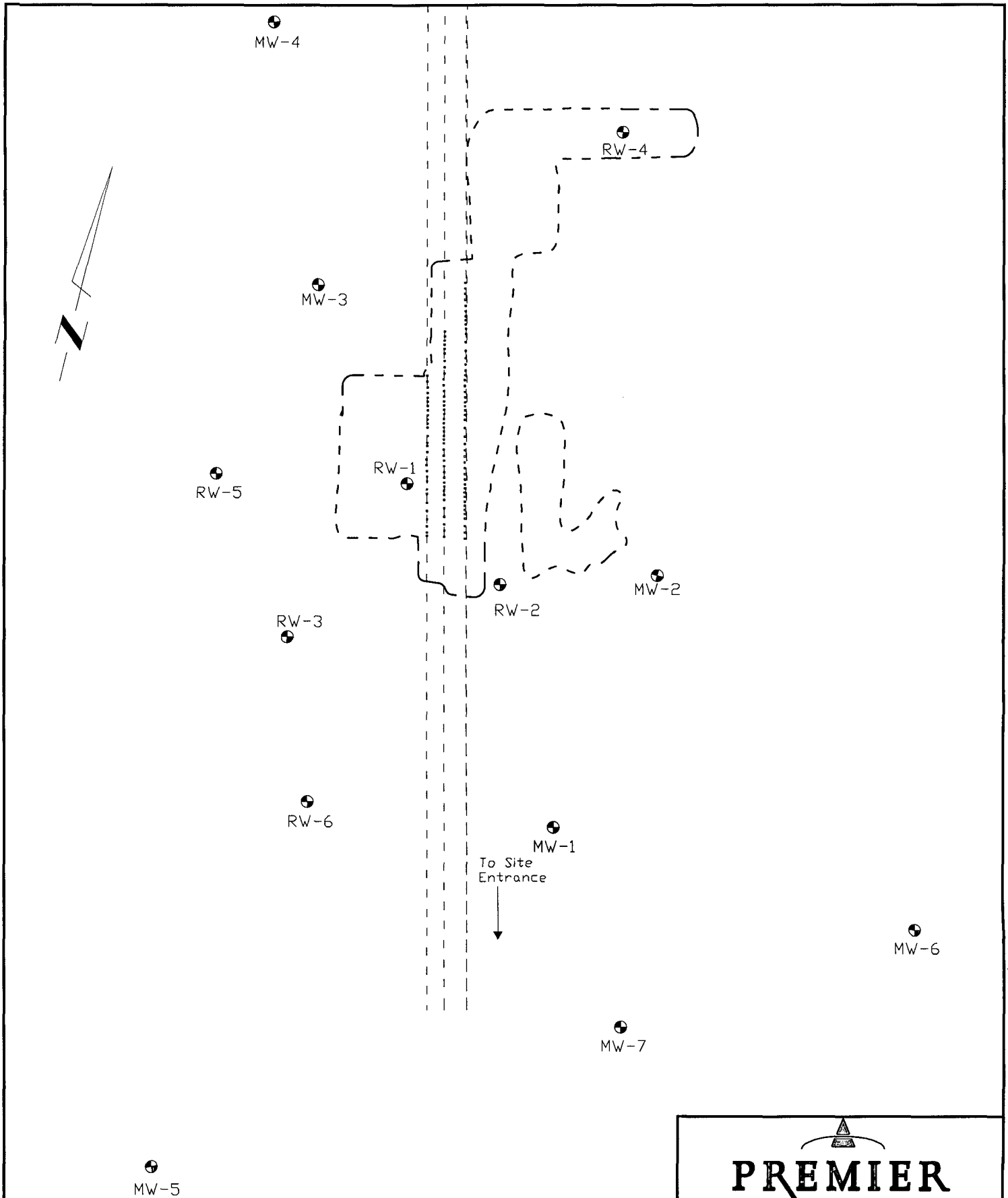

LEGEND:

- **MW - Monitoring or Recovery Well Location**
- **- - - - - Excavation Extent**
- **— — — Burried Pipeline**
- **-B-B- Exposed Pipeline**

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FEET

PREMIER ENVIRONMENTAL SERVICES, INC.

Figure 2
Site Map
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

PROJ. NO: 205069.00	CK:	DATE: 3/08

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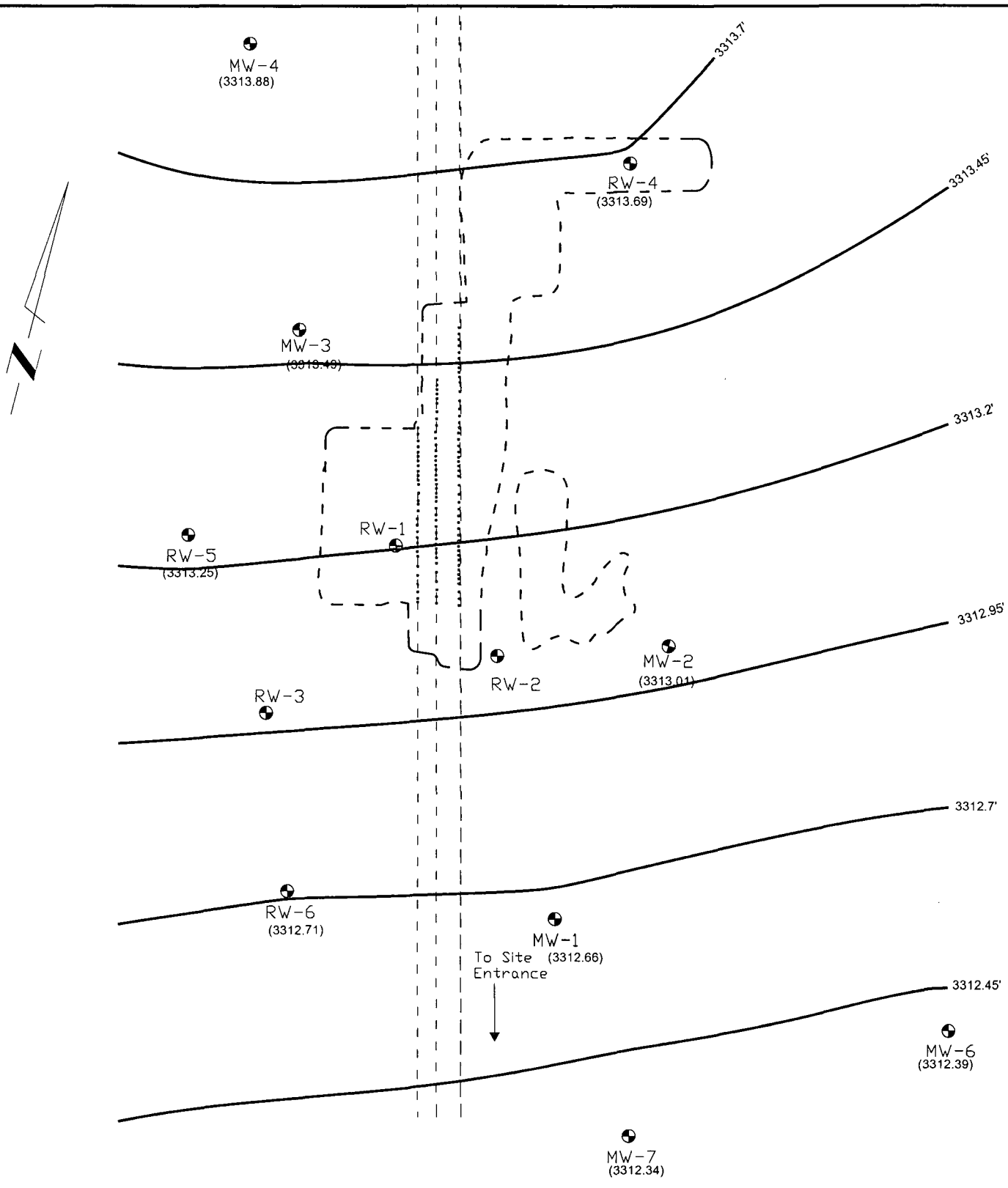

Contour Interval 0.25 feet
Note:RW-1, RW-2, and RW-3 not used in contouring

LEGEND:

- **MW - Monitoring or Recovery Well Location**
- **---- - Excavation Extent**
- **– – – - Buried Pipeline**
- (3313.12) - **Groundwater Elevation in Relative Feet**

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FEET

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ENVIRONMENTAL SERVICES, INC.

Figure 3-A
1st Quarter 2007 - Groundwater Gradient Map
February 28, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

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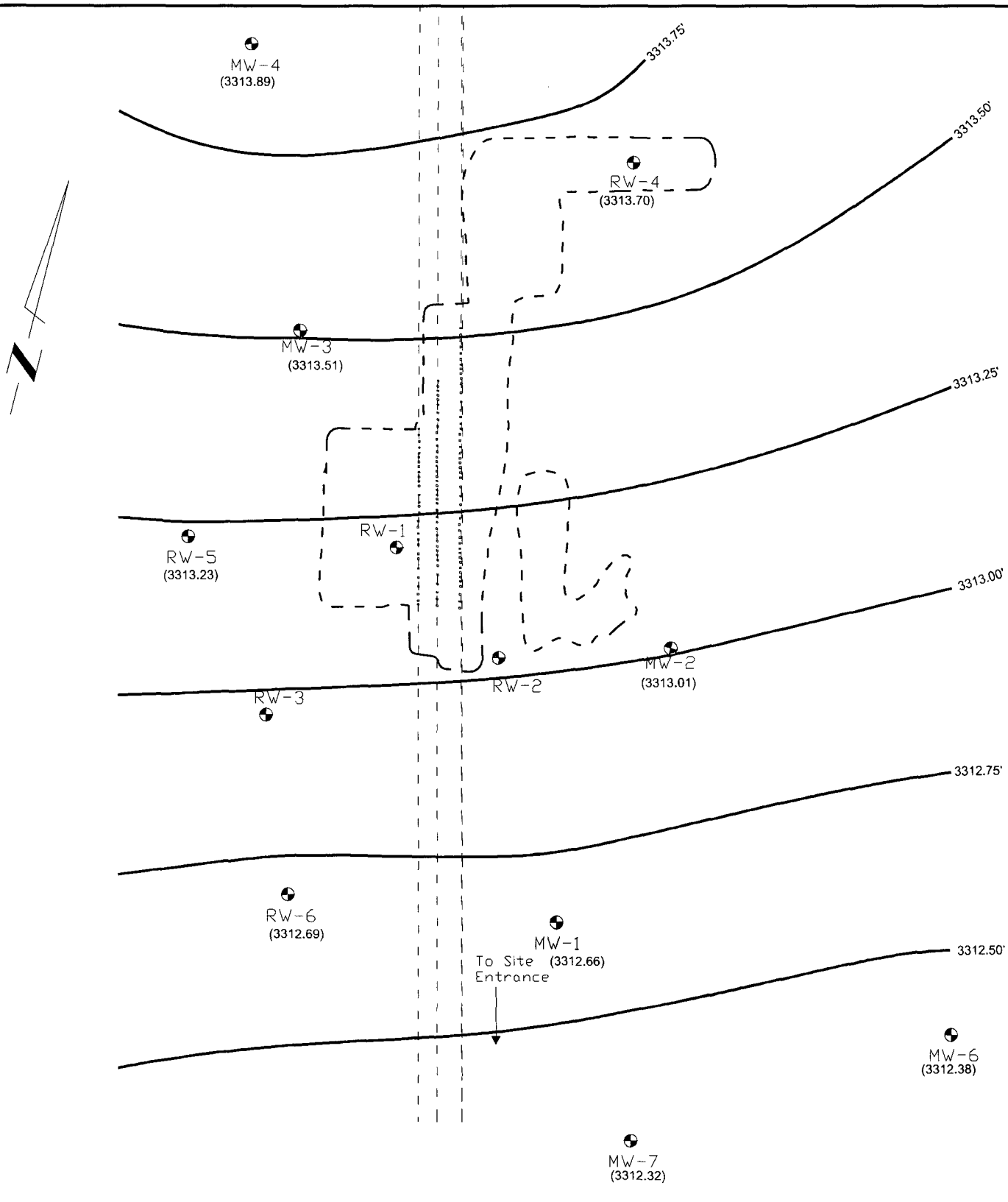

Contour Interval 0.25 feet
Note:RW-1, RW-2, and RW-3 not used in contouring

LEGEND:

- **MW - Monitoring or Recovery Well Location**
- **---- - Excavation Extent**
- **- - - - Burried Pipeline**
- **-B-B- - Exposed Pipeline**
- **(3313.12) - Groundwater Elevation in Relative Feet**

0 60
FEET

PREMIER
ENVIRONMENTAL SERVICES, INC.

Figure 3-B
2nd Quarter 2007 - Groundwater Gradient Map
May 30, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

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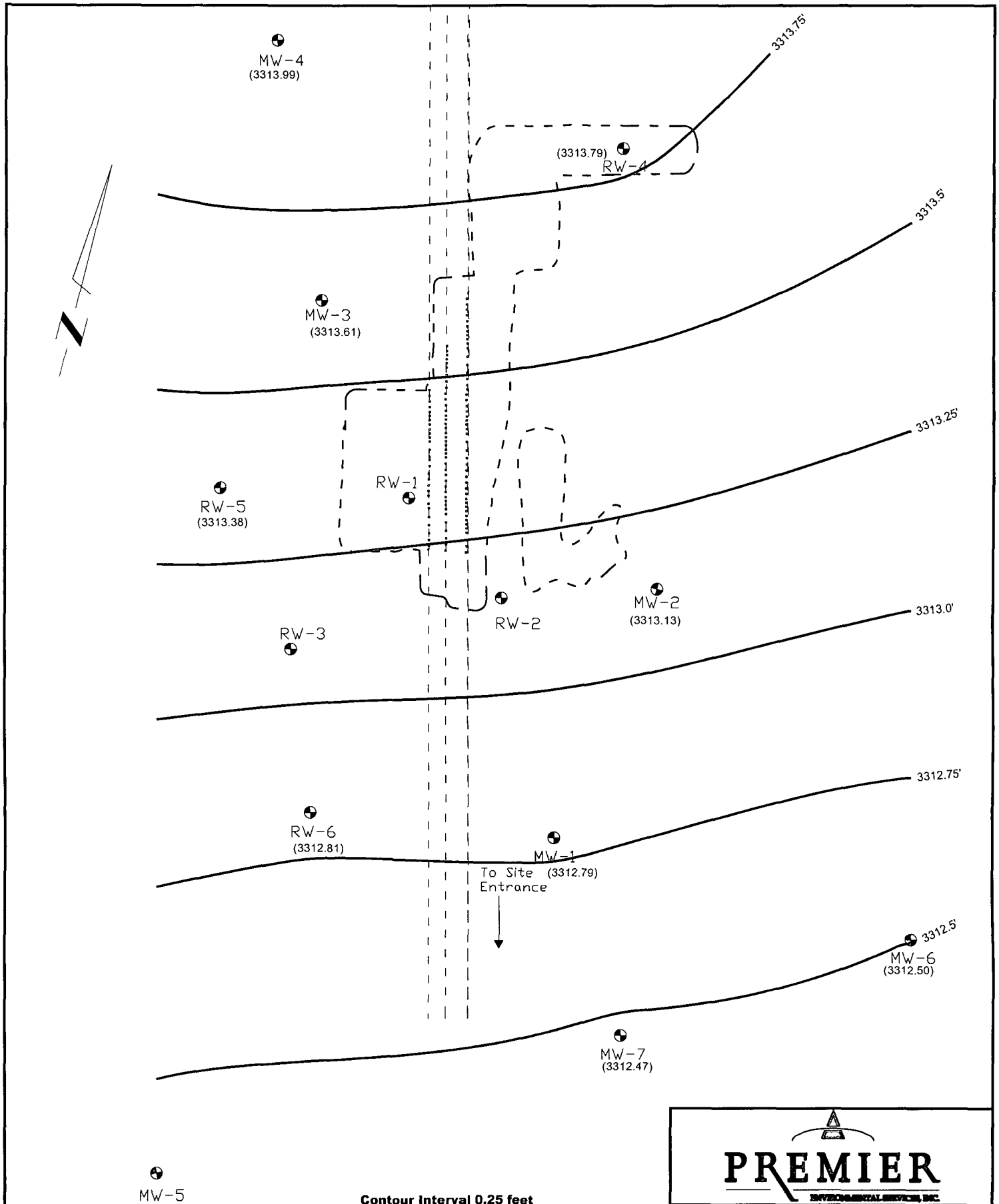

Contour Interval 0.25 feet
Note:RW-1, RW-2, and RW-3 not used in contouring

LEGEND:

- **MW - Monitoring or Recovery Well Location**
- **---- - Excavation Extent**
- **– – – - Buried Pipeline**
- **-B-B - Exposed Pipeline**
- **(3313.12) - Groundwater Elevation in Relative Feet**

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ENVIRONMENTAL SERVICES, INC.

Figure 3-C
3rd Quarter 2007 - Groundwater Gradient Map
September 6, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

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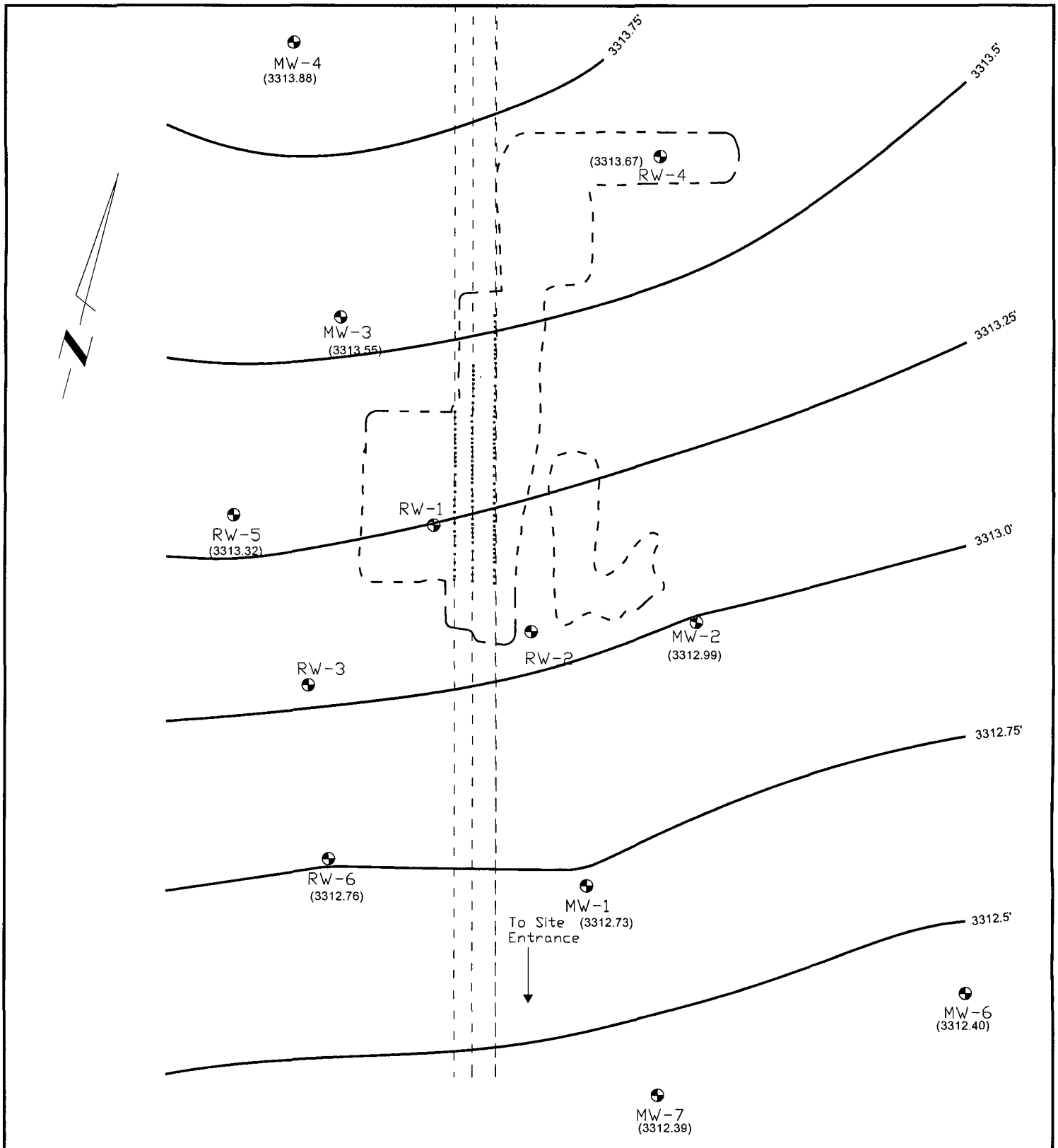

Contour Interval 0.25 feet
Note:RW-1, RW-2, and RW-3 not used in contouring

LEGEND:

- **MW - Monitoring or Recovery Well Location**
- **---- - Excavation Extent**
- **– – – - Buried Pipeline**
- **-B-B- - Exposed Pipeline**
- **(3313.12) - Groundwater Elevation in Relative Feet**

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FEET

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ENVIRONMENTAL SERVICES, INC.

Figure 3-D
4th Quarter 2007 - Groundwater Gradient Map
November 13, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

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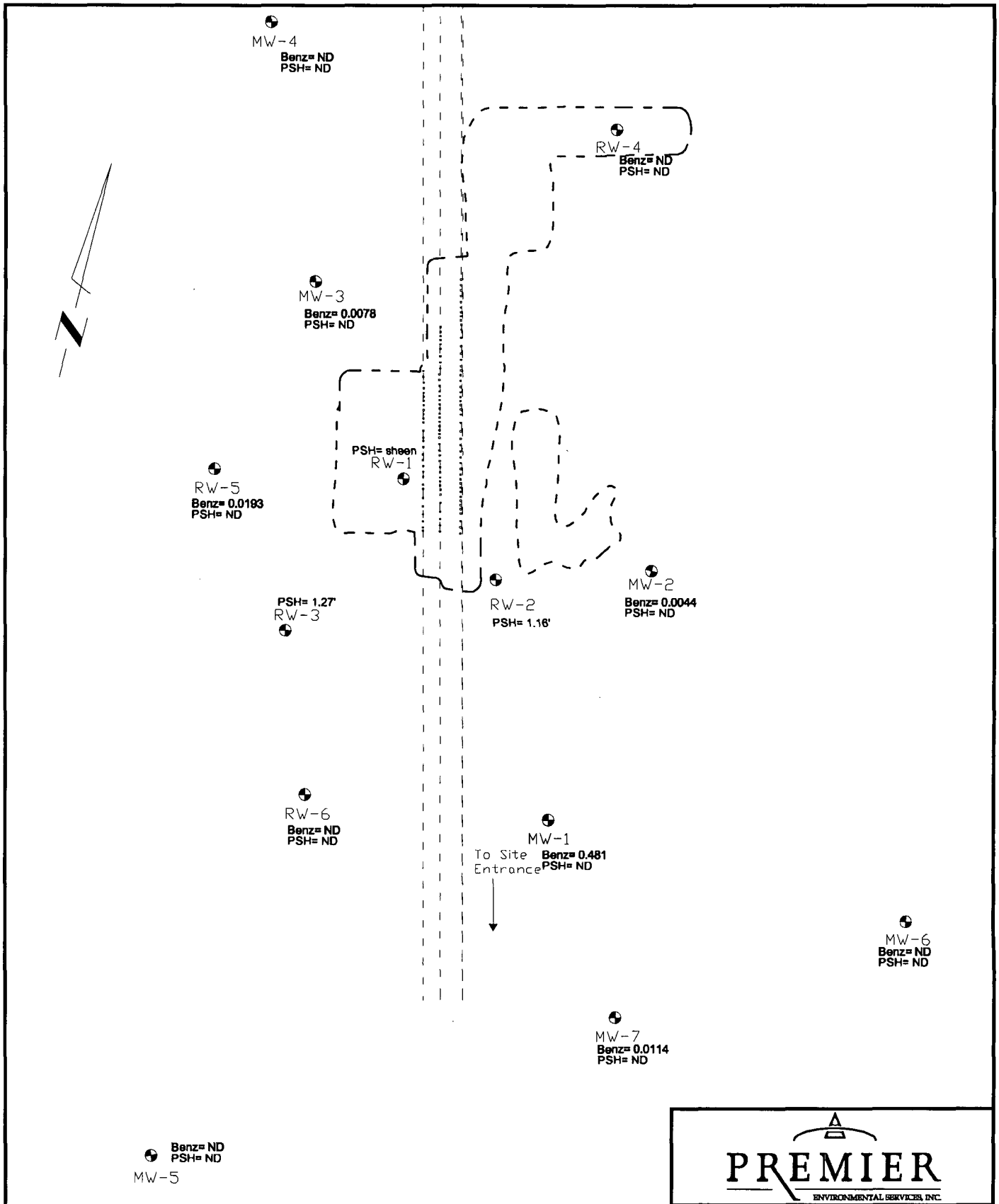

LEGEND:

- **MW - Monitoring or Recovery Well Location**
- **Excavation Extent**
- **Buried Pipeline**
- **Exposed Pipeline**
- 1.0' - PSH Thickness in feet
- 3.5 - Beznene Concentrations in mg/L

0 60

FEET

PREMIER ENVIRONMENTAL SERVICES, INC.

Figure 4-A
1st Quarter 2007 - PSH & Benzene in Groundwater
February 28, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

PROJ. NO: 205069.00	CK:	DATE: 3/08

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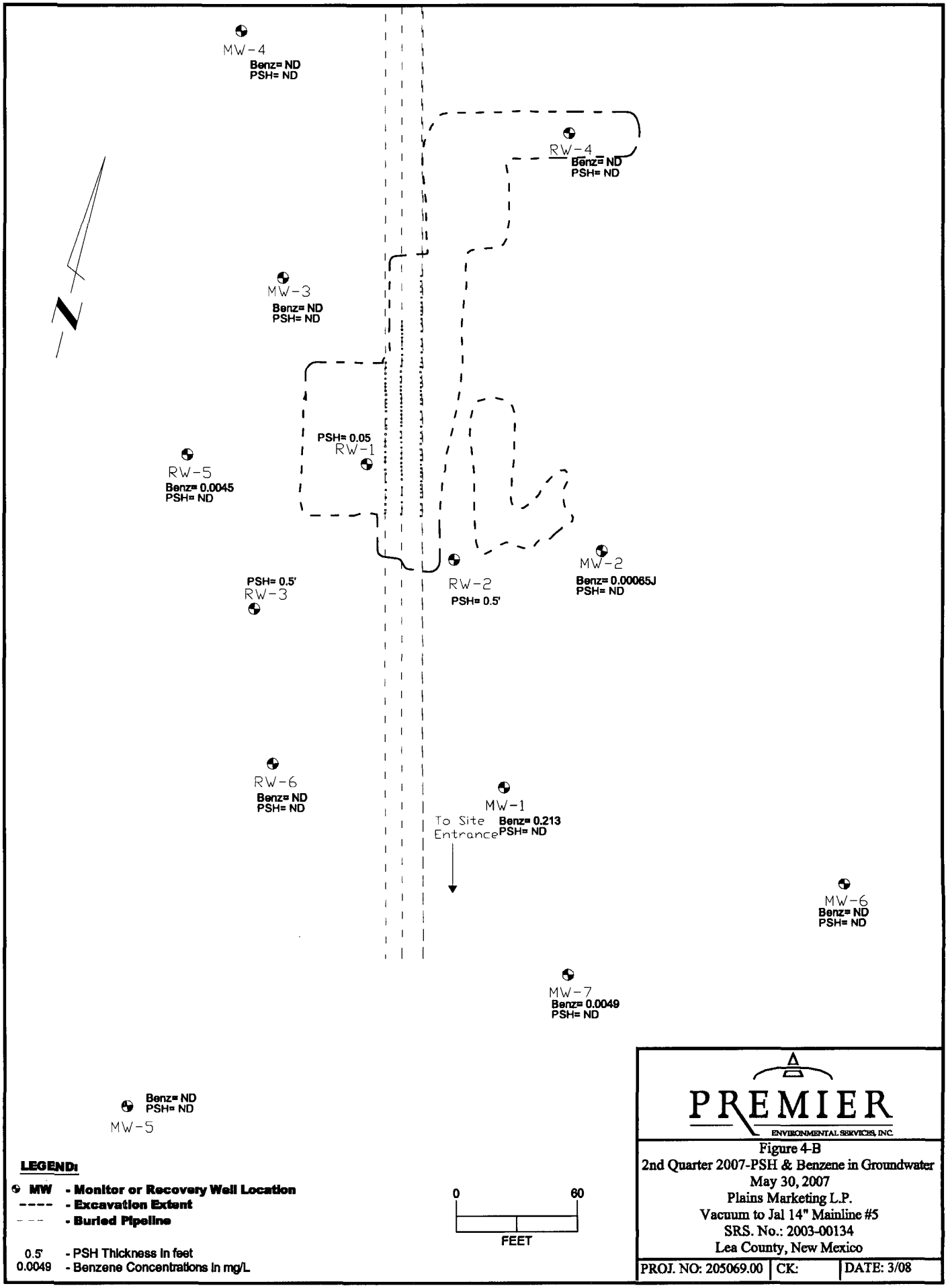
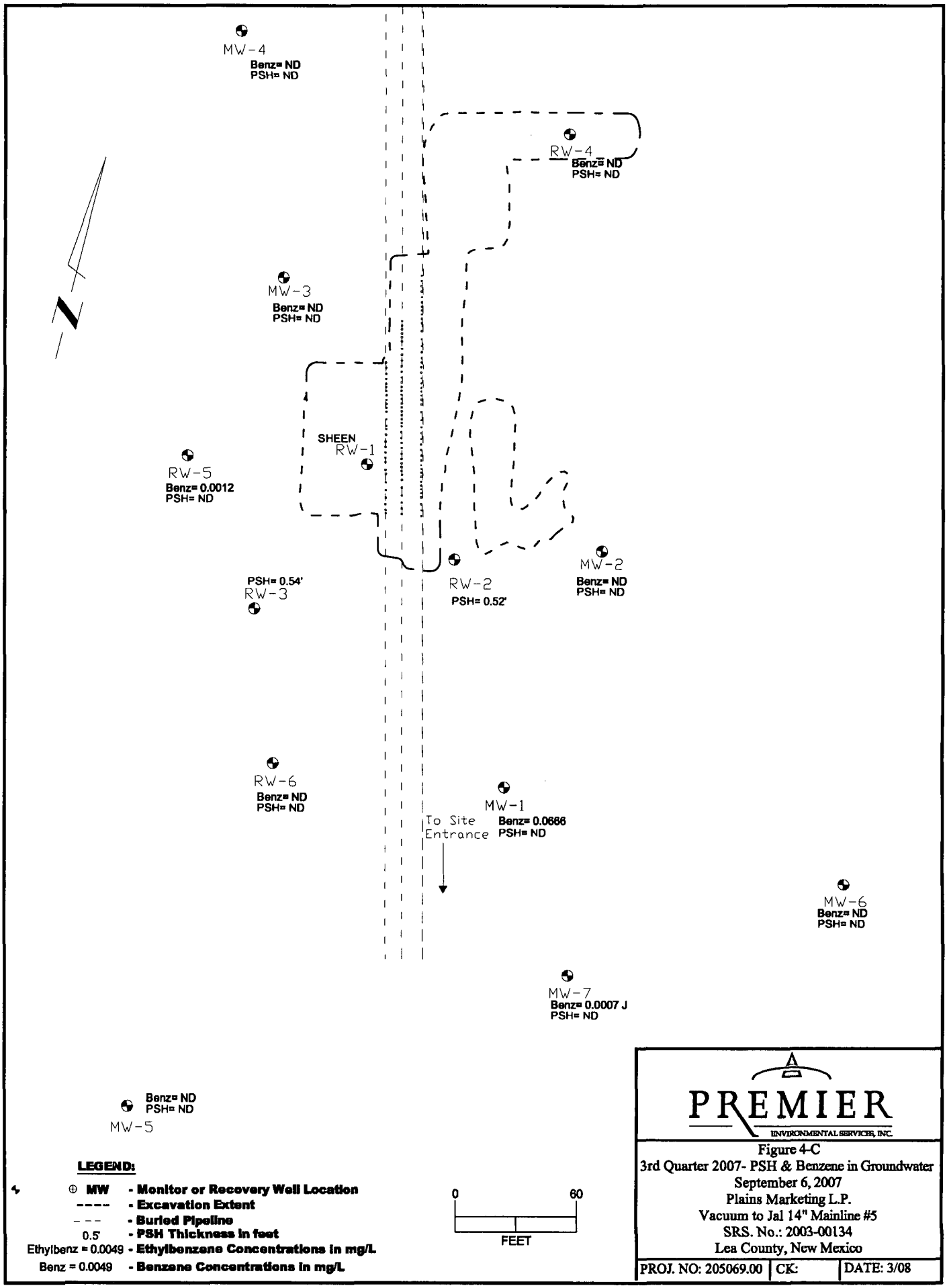


PREMIER
ENVIRONMENTAL SERVICES, INC.

Figure 4-B
2nd Quarter 2007-PSH & Benzene in Groundwater
May 30, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

PROJ. NO: 205069.00	CK:	DATE: 3/08

P:\PROJECT FILES\CAD Files\Vacuum to Jal 14 Mainline #5\205069.00-32.dwg

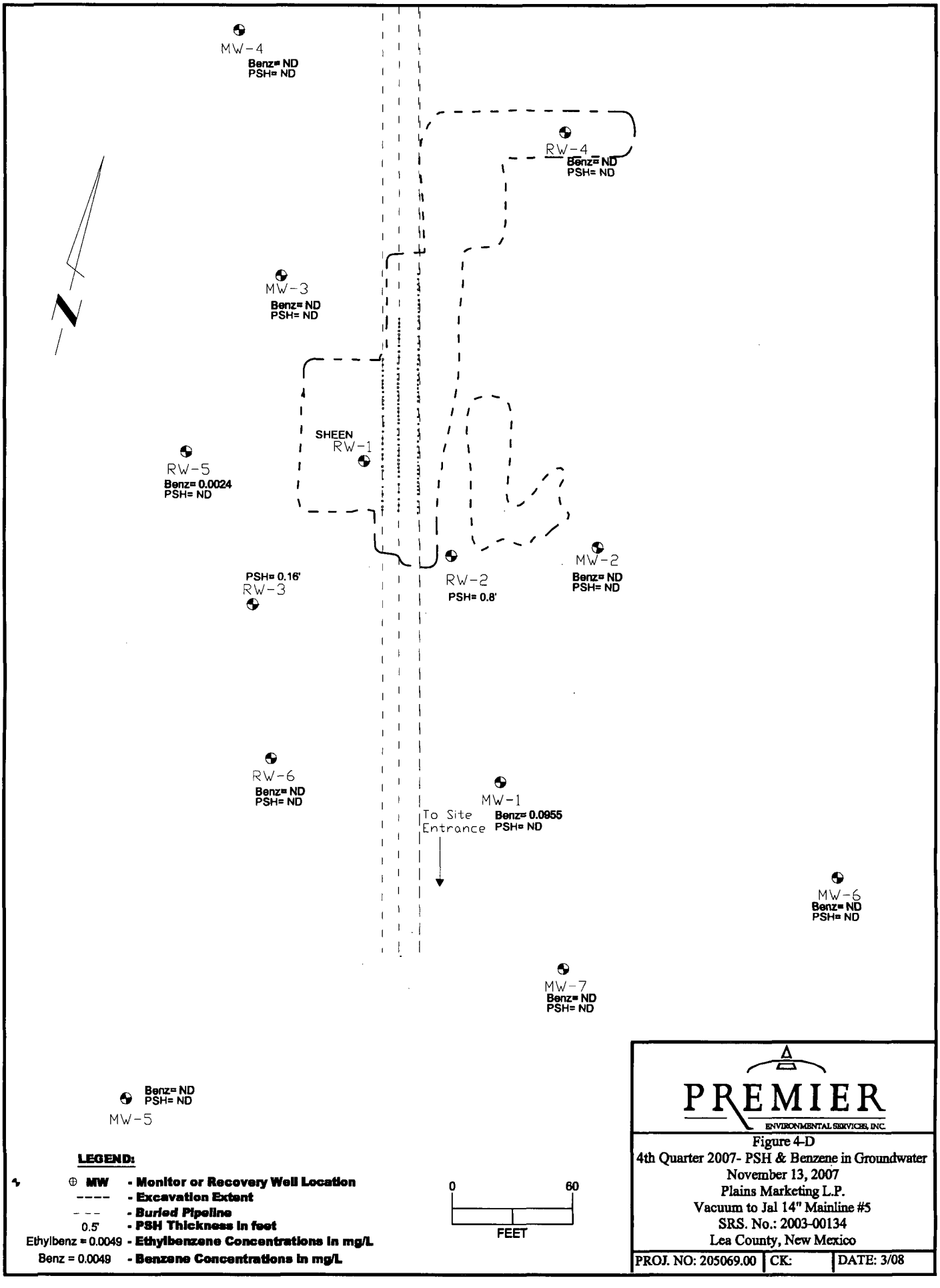


PREMIER
ENVIRONMENTAL SERVICES, INC.

Figure 4-C
3rd Quarter 2007- PSH & Benzene in Groundwater
September 6, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

PROJ. NO: 205069.00	CK:	DATE: 3/08

P:\PROJECT FILES\CAD Files\Vacuum to Jal 14 Mainline #5\205069.00-33.dwg



PREMIER
ENVIRONMENTAL SERVICES, INC.

Figure 4-D
4th Quarter 2007- PSH & Benzene in Groundwater
November 13, 2007
Plains Marketing L.P.
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Lea County, New Mexico

PROJ. NO: 205069.00	CK:	DATE: 3/08

P:\PROJECT FILES\CAD Files\Vacuum to Jal 14 Mainline #5\205069.00-34.dwg

Appendix B
Tables

Table 1 – Groundwater Sample Analytical Results

Table 2 – Groundwater Gauging Data

TABLE 1
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well Number	Sample ID	Sample Date	BTEX 8260b mg/L	Bezene mg/L	Toluene mg/L	Ethyl-Benzene mg/L	Total Xylenes mg/L
			NMOCD Remediation Criteria				
				0.010	0.750	0.750	0.620
MW-1	T 13036-1	3/29/2006	0.5827	**0.557**	0.0032	0.0133	0.0092
MW-1	T13862-1	6/10/2006	0.6438	**0.639** [a]	<0.00036	0.0033	0.0015 J
MW-1	T14676-1	9/12/2006	0.512	**0.512** [a]	<0.00020	<0.00033	<0.00036
MW-1	T15618-1	12/6/2006	0.4569	**0.452** [a]	<0.00020	0.0049	<0.00036
MW-1	T16494-1	2/28/2007	0.5001	**0.481** [a]	<0.00020	0.0191	<0.00036
MW-1	T17645-1	5/30/2007	0.2173	**0.213** [a]	<0.00023	0.0043	<0.00055
MW-1	T18811-1	9/6/2007	0.072	**0.066**	<0.00023	0.006	<0.00055
MW-1	T19737-1	11/13/2007	0.1046	**0.0955** [c]	<0.001	0.0091	<0.003
MW-2	T 13036-2	3/29/2006	0.00272	0.0012	0.0011	0.00042	<0.00072
MW-2	T13862-2	6/10/2006	0.00038	0.00038 J	<0.00036	<0.00035	<0.00072
MW-2	T14676-2	9/12/2006	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	T15618-2	12/6/2006	0.00207	0.0012	0.00087 J	<0.00033	<0.00036
MW-2	T16494-2	2/28/2007	0.0061	0.0044	0.0017	<0.00033	<0.00036
MW-2	T17645-2	5/30/2007	0.00065	0.00065 J	<0.00023	<0.00035	<0.00055
MW-2	T18811-2	9/6/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
MW-2	T19737-2	11/13/2007	<0.003	<0.001	<0.001	<0.001	<0.003
MW-3	T 13036-3	3/29/2006	0.0277	**0.0129**	0.0089	0.0021	0.0038
MW-3	T13862-3	6/10/2006	0.01451	0.0075	0.0043	0.00071 J	0.002
MW-3	T14676-3	9/12/2006	0.0023	0.0023	<0.00020	<0.00033	<0.00036
MW-3	T15618-3	12/6/2006	0.00287	0.0021	0.00077 J	<0.00033	<0.00036
MW-3	T16494-3	2/28/2007	0.01341	0.0078	0.0026	0.00061	0.0024 J
MW-3	T17645-3	5/30/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	T18811-3	9/6/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	T19737-3	11/13/2007	<0.003	<0.001	<0.001	<0.001	<0.003
MW-4	T15618-4	12/6/2006	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
MW-4	T16494-4	2/28/2007	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
MW-4	T17645-4	5/30/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
MW-4	T18811-4	9/6/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
MW-4	T19737-4	11/13/2007	<0.003	<0.001	<0.001	<0.001	<0.003
MW-5	T15618-5	12/6/2006	0.00055	0.00055 J	<0.00020	<0.00033	<0.00036
MW-5	T16494-5	2/28/2007	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	T17645-5	5/30/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	T18811-5	9/6/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	T19737-5	11/13/2007	<0.003	<0.001	<0.001	<0.001	<0.003
MW-6	T15618-6	12/6/2006	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	T16494-6	2/28/2007	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	T17645-6	5/30/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	T18811-6	9/6/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	T19737-6	11/13/2007	<0.003	<0.001	<0.001	<0.001	<0.003

TABLE 1
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well Number	Sample ID	Sample Date	BTEX 8260b mg/L	Bezene mg/L	Toluene mg/L	Ethyl-Benzene mg/L	Total Xylenes mg/L
			NMOCD Remediation Criteria				
				0.010	0.750	0.750	0.620
MW-7	T15618-7	12/6/2006	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
MW-7	T16494-7	2/28/2007	0.0114	**0.0114**	<0.00020	<0.00033	<0.00036
MW-7	T17645-7	5/30/2007	0.0049	0.0049	<0.00023	<0.00035	<0.00055
MW-7	T18811-7	9/6/2007	0.00073	0.00073 J	<0.00023	<0.00035	<0.00055
MW-7	T19737-7	11/13/2007	<0.003	<0.001	<0.001	<0.001	<0.003
RW-4	T15618-8	12/6/2006	0.00134	0.00099 J	0.00035 J	<0.00033	<0.00036
RW-4	T16494-8	2/28/2007	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
RW-4	T17645-8	5/30/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
RW-4	T18811-8	9/6/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
RW-4	T19737-8	11/13/2007	<0.003	<0.001	<0.001	<0.001	<0.003
RW-5	T15618-9	12/6/2006	0.00488	0.0035	0.00095 J	0.00043 J	<0.00036
RW-5	T16494-9	2/28/2007	0.026	**0.0193**	0.0038	0.0015	0.0014 J
RW-5	T17645-9	5/30/2007	0.00682	0.0045	0.0011	0.00066 J	0.00056 J
RW-5	T18811-9	9/6/2007	0.0012	0.0012	<0.00023	<0.00035	<0.00055
RW-5	T19737-9	11/13/2007	0.0024	0.0024	<0.001	<0.001	<0.003
RW-6	T15618-10	12/6/2006	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
RW-6	T16494-10	2/28/2007	<0.00036	<0.00035	<0.00020	<0.00033	<0.00036
RW-6	T17645-10	5/30/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
RW-6	T18811-10	9/6/2007	<0.00055	<0.00021	<0.00023	<0.00035	<0.00055
RW-6	T19737-10	11/13/2007	<0.003	<0.001	<0.001	<0.001	<0.003

Note: RW-1, RW-2 and RW-3 not sampled due to presence of Phase Separated Hydrocarbons

[a] Result is from Run #2.

J Indicates an estimated value

Concentration in **Bold** = above NMOCD Criteria

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-1	03/28/06	3363.04	64.19		50.72	50.72			3312.32
	03/29/06	3363.04			50.72	50.72			3312.32
	04/13/06	3363.04			50.75	0.00			3312.29
	04/25/06	3363.04			50.73	0.00			3312.31
	05/03/06	3363.04			50.66	0.00			3312.38
	05/11/06	3363.04			50.77	0.00			3312.27
	05/24/06	3363.04			50.10	0.00			3312.94
	06/07/06	3363.04			50.68	0.00			3312.36
	06/15/06	3363.04			50.68	0.00			3312.36
	06/29/06	3363.04			50.71	0.00			3312.33
	07/11/06	3363.04			50.67	0.00			3312.37
	07/25/06	3363.04			50.68	0.00			3312.36
	08/09/06	3363.04			50.65	0.00			3312.39
	08/22/06	3363.04			50.70	0.00			3312.34
	09/12/06	3363.04	64.16		50.65	0.00			3312.39
	09/19/06	3363.04			50.67	0.00			3312.37
	10/03/06	3363.04			50.65	0.00			3312.39
	10/17/06	3363.04			50.65	0.00			3312.39
	10/31/06	3363.04			50.67	0.00			3312.37
	11/15/06	3363.04			50.66	0.00			3312.38
	12/06/06	3363.04	64.10		50.60	0.00			3312.44
	12/13/06	3363.04			50.65	0.00			3312.39
	12/27/06	3363.04			50.49	0.00			3312.55
	01/03/07	3363.04			50.59	0.00			3312.45
	01/09/07	3363.04			50.60	0.00			3312.44
	01/18/07	3363.04			50.54	0.00			3312.50
	01/22/07	3363.04			50.44	0.00			3312.60
	02/01/07	3363.04			50.31	0.00			3312.73
	02/07/07	3363.04			50.51	0.00			3312.53
	02/14/07	3363.04			50.48	0.00			3312.56
	02/21/07	3363.04			50.47	0.00			3312.57
	02/28/07	3363.04	64.18		50.38	0.00			3312.66
	03/07/07	3363.04			50.46	0.00			3312.58
	04/03/07	3363.04			50.43	0.00			3312.61
	5/3/007	3363.04			DNG	0.00			
	5/3/007	3363.04			DNG	0.00			
	05/30/07	3363.04	64.13		50.38	0.00			3312.66
	06/06/07	3363.04	64.13		50.25	0.00			3312.79
	07/05/07	3363.04	64.19		50.26	0.00			3312.78
	07/31/07	3363.04	64.20		50.31	0.00			3312.73
	09/06/07	3363.04	64.20		50.25	0.00			3312.79
	09/10/07	3363.04	64.15		50.78	0.00			3312.26
	11/13/07	3363.04	64.18		50.31	0.00			3312.73
	12/27/07	3363.04	64.18		50.28	0.00			3312.76
MW-2	03/28/06	3362.11	64.09		49.50	0.00			3312.61
	03/29/06	3362.11			49.46	0.00			3312.65
	4/13/106	3362.11			49.47	0.00			3312.64
	04/25/06	3362.11			49.45	0.00			3312.66
	05/03/06	3362.11			49.37	0.00			3312.74
	05/11/06	3362.11			49.50	0.00			3312.61
	05/24/06	3362.11			49.43	0.00			3312.68

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-2	06/07/06	3362.11			49.44	0.00			3312.67
	06/15/06	3362.11			49.44	0.00			3312.67
	06/29/06	3362.11			49.43	0.00			3312.68
	07/11/06	3362.11			49.38	0.00			3312.73
	07/25/06	3362.11			49.42	0.00			3312.69
	08/09/06	3362.11	64.19		49.35	0.00			3312.76
	08/22/06	3362.11			49.46	0.00			3312.65
	09/12/06	3362.11	64.06		49.43	0.00			3312.68
	09/19/06	3362.11			49.38	0.00			3312.73
	10/03/06	3362.11			49.35	0.00			3312.76
	10/17/06	3362.11			49.38	0.00			3312.73
	10/31/06	3362.11			49.43	0.00			3312.68
	11/15/06	3362.11			49.37	0.00			3312.74
	12/06/06	3362.11	64.05		49.35	0.00			3312.76
	12/13/06	3362.11			49.38	0.00			3312.73
	12/27/06	3362.11			49.20	0.00			3312.91
	01/03/07	3362.11			49.33	0.00			3312.78
	01/09/07	3362.11			49.35	0.00			3312.76
	01/18/07	3362.11			49.25	0.00			3312.86
	01/22/07	3362.11			49.16	0.00			3312.95
	02/01/07	3362.11			49.10	0.00			3313.01
	02/07/07	3362.11			49.25	0.00			3313.33
	02/14/07	3362.11			49.25	0.00			3313.34
	02/21/07	3362.11			49.25	0.00			3313.65
	02/28/07	3362.11	64.06		49.10	0.00			3313.01
	03/07/07	3362.11			49.18	0.00			3312.93
	04/03/07	3362.11			49.13	0.00			3312.98
	05/03/07	3362.11			49.03	0.00			3313.08
	05/30/07	3362.11	64.07		49.10	0.00			3313.01
	06/06/07	3362.11	64.06		49.03	0.00			3313.08
	07/05/07	3362.11	64.03		49.00	0.00			3313.11
	07/31/07	3362.11	64.03		49.03	0.00			3313.08
	09/06/07	3362.11	64.04		48.98	0.00			3313.13
	09/10/07	3362.11	64.05		49.01	0.00			3313.10
	11/13/07	3362.11	64.05		49.12	0.00			3312.99
	12/27/07	3362.11	64.05		49.07	0.00			3313.04
MW-3	03/28/06	3362.13	64.76		49.05	0.00			3313.08
	03/29/06	3362.13			49.00	0.00			3313.13
	04/13/06	3362.13			49.03	0.00			3313.10
	04/25/06	3362.13			49.10	0.00			3313.03
	05/03/06	3362.13			48.92	0.00			3313.21
	05/11/06	3362.13			49.07	0.00			3313.06
	05/23/06	3362.13			48.90	0.00			3313.23
	06/07/06	3362.13			48.95	0.00			3313.18
	06/15/06	3362.13			48.95	0.00			3313.18
	06/29/06	3362.13			48.98	0.00			3313.15
	07/11/06	3362.13			48.92	0.00			3313.21
	07/25/06	3362.13			48.97	0.00			3313.16
	08/09/06	3362.13	64.83		48.90	0.00			3313.23
	08/22/06	3362.13			49.02	0.00			3313.11
	09/12/06	3362.13	64.67		48.93	0.00			3313.20
	09/19/06	3362.13			48.93	0.00			3313.20

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-3	10/03/06	3362.13			48.91	0.00			3313.22
	10/17/06	3362.13			48.92	0.00			3313.21
	10/31/06	3362.13			48.96	0.00			3313.17
	11/15/06	3362.13			48.88	0.00			3313.25
	12/06/06	3362.13	64.05		48.89	0.00			3313.24
	12/13/06	3362.13			49.40	0.00			3312.73
	12/27/06	3362.13			48.73	0.00			3313.40
	01/03/07	3362.13			48.86	0.00			3313.27
	01/09/07	3362.13			48.88	0.00			3313.25
	01/18/07	3362.13			48.77	0.00			3313.36
	01/22/07	3362.13			48.20	0.00			3313.93
	02/01/07	3362.13			48.64	0.00			3313.49
	02/07/07	3362.13			48.78	0.00			3312.88
	02/14/07	3362.13			48.77	0.00			3312.88
	02/21/07	3362.13			48.46	0.00			3312.88
	02/28/07	3362.13	64.79		48.64	0.00			3313.49
	03/07/07	3362.13			48.70	0.00			3313.43
	04/03/07	3362.13			48.68	0.00			3313.45
	05/03/07	3362.13			48.56	0.00			3313.57
	05/30/07	3362.13	64.78		48.62	0.00			3313.51
	06/06/07	3362.13	64.78		48.53	0.00			3313.60
	07/05/07	3362.13	64.70		48.50	0.00			3313.63
	07/31/07	3362.13	64.70		48.53	0.00			3313.60
	09/06/07	3362.13	64.70		48.52	0.00			3313.61
	09/10/07	3362.13	64.70		48.58	0.00			3313.55
	11/13/07	3362.13	64.82		48.58	0.00			3313.55
	12/27/07	3362.13	64.82		48.52	0.00			3313.61
MW-4	12/06/06	3362.49	63.56		48.87	0.00			3313.62
	12/13/06	3362.49			48.90	0.00			3313.59
	12/27/06	3362.49			48.72	0.00			3313.77
	01/03/07	3362.49			48.82	0.00			3313.67
	01/09/07	3362.49			48.86	0.00			3313.63
	01/18/07	3362.49			48.76	0.00			3313.73
	01/22/07	3362.49			48.68	0.00			3313.81
	02/01/07	3362.49			48.63	0.00			3313.86
	02/07/07	3362.49			48.75	0.00			3313.74
	2/14//07	3362.49			48.74	0.00			3313.75
	02/21/07	3362.49			48.46	0.00			3314.03
	02/28/07	3362.49	63.55		48.61	0.00			3313.88
	03/07/07	3362.49			48.70	0.00			3313.79
	04/03/07	3362.49			48.66	0.00			3313.83
	05/03/07	3362.49			48.53	0.00			3313.96
	05/30/07	3362.49	63.56		48.60	0.00			3313.89
	06/06/07	3362.49	63.56		48.52	0.00			3313.97
	07/05/07	3362.49	63.40		48.48	0.00			3314.01
	07/31/07	3362.49	63.42		48.51	0.00			3313.98
	09/06/07	3362.49	63.40		48.50	0.00			3313.99
	09/10/07	3362.49	63.42		48.55	0.00			3313.94
	11/13/07	3362.49	63.52		48.61	0.00			3313.88
	12/27/07	3362.49	63.52		48.57	0.00			3313.92

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-5	12/06/06	3363.67	63.72		51.65	0.00			3312.02
	12/13/06	3363.67			51.66	0.00			3312.01
	12/27/06	3363.67			51.50	0.00			3312.17
	01/03/07	3363.67			51.61	0.00			3312.06
	01/09/07	3363.67			51.63	0.00			3312.04
	01/18/07	3363.67			51.54	0.00			3312.13
	02/01/07	3363.67			51.40	0.00			3312.27
	02/07/07	3363.67			51.56	0.00			3312.11
	02/14/07	3363.67			51.53	0.00			3312.14
	02/21/07	3363.67			51.51	0.00			3312.16
	02/28/07	3363.67	63.90		51.41	0.00			3312.26
	03/07/07	3363.67			51.50	0.00			3312.17
	04/03/07	3363.67			51.46	0.00			3312.21
	05/03/07	3363.67			51.39	0.00			3312.28
	05/30/07	3363.67	63.93		51.43	0.00			3312.24
	06/06/07	3363.67	63.93		51.30	0.00			3312.37
	07/05/07	3363.67	63.90		51.27	0.00			3312.40
	07/31/07	3363.67	63.90		51.31	0.00			3312.36
	09/06/07	3363.67	63.90		51.28	0.00			3312.39
	09/10/07	3363.67	63.90		51.30	0.00			3312.37
	11/13/07	3363.67	63.93		51.38	0.00			3312.29
	12/27/07	3363.67	63.93		51.33	0.00			3312.34
MW-6	12/06/06	3362.6	63.44		50.48	0.00			3312.12
	12/13/06	3362.6			50.50	0.00			3312.10
	12/27/06	3362.6			50.33	0.00			3312.27
	01/03/07	3362.6			50.46	0.00			3312.14
	01/09/07	3362.6			50.48	0.00			3312.12
	01/18/07	3362.6			50.38	0.00			3312.22
	01/22/07	3362.6			50.30	0.00			3312.30
	02/01/07	3362.6			50.23	0.00			3312.37
	02/07/07	3362.6			50.36	0.00			3312.24
	02/14/07	3362.6			50.36	0.00			3312.24
	02/21/07	3362.6			50.37	0.00			3312.23
	02/28/07	3362.6	63.56		50.21	0.00			3312.39
	03/07/07	3362.6			50.30	0.00			3312.30
	04/03/07	3362.6			50.28	0.00			3312.32
	05/03/07	3362.6			50.15	0.00			3312.45
	05/30/07	3362.6	63.59		50.22	0.00			3312.38
	06/06/07	3362.6	63.59		50.13	0.00			3312.47
	07/05/07	3362.6	63.60		50.15	0.00			3312.45
	07/31/07	3362.6	63.60		50.20	0.00			3312.40
	09/06/07	3362.6	63.59		50.10	0.00			3312.50
	09/10/07	3362.6	63.12		50.12	0.00			3312.48
	11/13/07	3362.6	63.58		50.20	0.00			3312.40
	12/27/07	3362.6	63.58		50.14	0.00			3312.46
MW-7	12/06/06	3362.75	63.88		50.62	0.00			3312.13
	12/13/06	3362.75			50.64	0.00			3312.11
	12/27/06	3362.75			50.54	0.00			3312.21
	01/03/07	3362.75			50.63	0.00			3312.12
	01/09/07	3362.75			50.66	0.00			3312.09
	01/18/07	3362.75			50.57	0.00			3312.18

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
MW-7	01/22/07	3362.75			50.46	0.00			3312.29
	02/01/07	3362.75			50.41	0.00			3312.34
	02/07/07	3362.75			50.58	0.00			3312.17
	02/14/07	3362.75			50.56	0.00			3312.19
	02/21/07	3362.75			50.54	0.00			3312.21
	02/28/07	3362.75	63.75		50.41	0.00			3312.34
	03/07/07	3362.75			50.50	0.00			3312.25
	04/03/07	3362.75			50.49	0.00			3312.26
	05/03/07	3362.75			DNG	0.00			
	05/30/07	3362.75	63.77		50.43	0.00			3312.32
	06/06/07	3362.75	63.77		50.32	0.00			3312.43
	07/05/07	3362.75	63.70		50.31	0.00			3312.44
	07/31/07	3362.75	63.70		50.34	0.00			3312.41
	09/06/07	3362.75	63.70		50.28	0.00			3312.47
	09/10/07	3362.75	63.71		50.33	0.00			3312.42
	11/13/07	3362.75	63.72		50.36	0.00			3312.39
	12/27/07	3362.75	63.72		50.32	0.00			3312.43
RW-1	04/13/06	3348.04		35.62	35.65	0.03	after bailing		3312.41
	04/25/06	3348.04		35.68	36.01	0.33	Hand Bailed	PSH .25 / H2O 4.75	3312.28
	04/25/06	3348.04		36.15	36.19	0.04	after bailing		3311.88
	05/03/06	3348.04		35.56	35.59	0.03	Hand Bailed	PSH .25 / H2O 4.75	3312.47
	05/03/06	3348.04		35.51	35.53	0.02	after bailing		3312.53
	05/11/06	3348.04		35.64	35.64	0.00	Hand Bailed	0	3312.40
	05/11/06	3348.04		35.78	35.78	0.00	after bailing		3312.26
	05/24/06	3348.04		35.80	35.84	0.04	Hand Bailed	PSH .5 / H2O 4.5	3312.23
	05/24/06	3348.04		36.81	36.81	0.00	after bailing		3311.23
	06/07/06	3348.04		35.81	35.82	0.01	Hand Bailed	PSH Sheen / H2O 5	3312.23
	06/07/06	3348.04		36.90	36.90	0.00	after bailing		3311.14
	06/15/06	3348.04		35.68	35.68	0.00			3312.36
	06/29/06	3348.04		35.70	36.00	0.30	Hand Bailed	PSH .25 / H2O 4.75	3312.27
	06/29/06	3348.04		36.25	36.25	0.00	after bailing		3311.79
	07/11/06	3348.04		35.84	35.89	0.05			3312.19
	07/25/06	3348.04		35.89	36.02	0.13			3312.12
	08/09/06	3348.04	47.40	35.90	36.10	0.20			3312.09
	08/22/06	3348.04		35.60	36.00	0.40		PSH .75 / H2O 9.25	3312.34
	08/22/06	3348.04		36.70	36.74	0.04			3311.33
	09/12/06	3348.04	47.62	35.70	36.33	0.63			3312.18
	09/19/06	3348.04		35.64	36.18	0.54		PSH .25 / H2O 4.75	3312.27
	09/19/06	3348.04		36.15	36.20	0.05			3311.88
	10/03/06	3348.04		35.48	35.49	0.01	Bailed inst. Sock	PSH Sheen / H2O 10	3312.56
	10/03/06	3348.04		35.59	35.59	0.00			3312.45
	10/17/06	3348.04		35.66	35.70	0.04	Bailed inst. Sock	PSH .10 / H2O 4.90	3312.37
	10/17/06	3348.04		35.83	35.83	0.00			3312.21
	10/31/06	3348.04		35.60	35.64	0.04	Bailed inst. Sock	PSH .10 / H2O 4.90	3312.43
	10/31/06	3348.04		35.72	35.72	0.00			3312.32
	11/15/06	3348.04		50.56	50.68	0.12			3297.45
	11/15/06	3348.04		50.65	50.65	0.00		PSH .1 / H2O 9.9	3297.39
	12/06/06	3348.04		50.52	50.74	0.22	Bailed inst. Sock	PSH .1 / H2O 9.9	3297.47
	12/13/06	3348.04		50.48	50.79	0.31		PSH .25 / H2O 4.75	3297.48
	12/13/06	3348.04		51.90	51.90	0.00			3296.14
	12/20/06	3348.04		50.76	50.76	0.00	Removed sock		3297.28
	12/27/06	3348.04		50.44	50.48	0.04	Bailed	PSH .10 / H2O 4.90	3297.59

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-1	12/27/06	3348.04		51.62	51.62	0.00	no sock		3296.42
	01/03/07	3348.04		50.50	50.58	0.08		PSH .25 H2O9.75	3297.52
	01/03/07	3348.04		52.13	52.13	0.00	Installed Sock		3295.91
	01/09/07	3348.04		50.73	50.73	0.00	Bailed inst. Sock	Psh Sheen / H2O 5	3297.31
	01/09/07	3348.04		52.22	52.22	0.00			3295.82
	01/18/07	3348.04		50.65	50.65	0.00	Sock	Psh Sheen / H2O 10	3297.39
	01/18/07	3348.04		50.48	50.48	0.00			3297.56
	01/22/07	3348.04		50.75	50.75	0.00			3297.29
	02/01/07	3348.04		50.62	50.62	0.00	Bailed inst. Sock	Psh Sheen / H2O 10	3297.42
	02/01/07	3348.04		51.99	51.99	0.00			3296.05
	02/07/07	3348.04		50.77	50.77	0.00	Bailed inst. Sock	Psh Sheen / H2O 10	3297.27
	02/07/07	3348.04		51.76	51.76	0.00			3296.28
	02/14/07	3348.04		50.75	50.75	0.00	Bailed inst. Sock	Psh Sheen / H2O 10	3297.29
	02/14/07	3348.04		51.82	51.82	0.00			3296.22
	02/21/07	3348.04		50.77	50.77	0.00	Bailed inst. Sock	Psh Sheen / H2O 10	3297.27
	02/21/07	3348.04		51.96	51.96	0.00			3296.08
	03/07/07	3348.04		50.77	50.77	0.00	New sock		3297.27
	03/14/07	3348.04		50.62	50.62	0.00	Sock		3297.42
	03/21/07	3348.04		50.60	50.60	0.00	Sock		3297.44
	03/28/07	3348.04		50.63	50.63	0.00	New sock		3297.41
	04/03/07	3348.04		50.38	50.38	0.00	Sock		3297.66
	04/10/07	3348.04		50.43	50.43	0.00	Sock		3297.61
	04/18/07	3348.04		50.35	50.35	0.00	Sock		3297.69
	04/24/07	3348.04		50.50	50.50	0.00	Sock		3297.54
	05/03/07	3348.04		50.48	50.48	0.00	Sock		3297.56
	05/11/07	3348.04		50.33	50.33	0.00	Sock		3297.71
	05/16/07	3348.04		50.48	50.48	0.00	Sock		3297.56
	05/23/07	3348.04		50.23	50.23	0.00	Flip Sock		3297.81
	05/31/07	3348.04		DNG	DNG		Sock		
	06/06/07	3348.04	61.88	50.34	50.34	0.00	Sock		3297.70
	06/13/07	3348.04	61.88	50.37	50.37	0.00	Sock		3297.67
	06/19/07	3348.04	61.88	50.24	50.24	0.00	Sock		3297.80
	06/27/07	3348.04	61.88	50.31	50.31	0.00	Sock		3297.73
	07/05/07	3348.04	61.75	50.18	50.20	0.02	New sock		3297.86
	07/11/07	3348.04	61.75	50.28	50.28	0.00	Sock		3297.76
	07/19/07	3348.04	61.75	50.45	50.45	0.00	Sock		3297.59
	07/24/07	3348.04	61.75	50.36	50.36	0.00	Sock		3297.68
	07/31/07	3348.04	61.73	50.41	50.41	0.00	Sock		3297.63
	08/09/07	3348.04	61.73	50.52	50.52	0.00	Sock		3297.52
	08/16/07	3348.04	61.73	50.48	50.48	0.00	Sock		3297.56
	08/22/07	3348.04	61.73	50.63	50.63	0.00	Sock		3297.41
	08/28/07	3348.04	61.73	50.78	50.78	0.00	Sock		3297.26
	09/06/07	3348.04	61.73	50.78	50.78	0.00	Sock		3297.26
	09/13/07	3348.04	61.75	50.60	50.60	0.00	Sock		3297.44
	09/18/07	3348.04	61.75	50.54	50.54	0.00	Sock		3297.50
	09/26/07	3348.04	61.75	50.58	50.58	0.00	Sock		3297.46
	10/04/07	3348.04	61.75	50.63	50.63	0.00	Sock		3297.41
	10/10/07	3348.04	61.73	50.60	50.60	0.00	Sock		3297.44
	10/17/07	3348.04	61.73	50.62	50.62	0.00	Sock		3297.42
	10/24/07	3348.04	61.73	50.61	50.61	0.00	Sock		3297.43
	10/31/07	3348.04	61.73	50.52	50.52	0.00	Sock		3297.52
	11/07/07	3348.04	61.73	50.60	50.60	0.00	Sock		3297.44
	11/13/07	3348.04	61.73	50.62	50.62	0.00	Sock		3297.42
	11/20/07	3348.04	61.73	50.64	50.64	0.00	Sock		3297.40

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-1	11/27/07	3348.04	61.73	50.63	50.63	0.00	Sock		3297.41
	12/05/07	3348.04	61.73	49.90	49.90	0.00	New sock		3298.14
	12/12/07	3348.04	61.73	49.89	49.89	0.00	Sock		3298.15
	12/18/07	3348.04	61.73	50.52	50.52	0.00	Sock		3297.52
	12/27/07	3348.04	61.73	50.47	50.47	0.00	New sock		3297.57
RW-2	03/28/06	3362		49.67	49.68	0.01			3312.33
	03/29/06	3362		49.65	49.65	0.00			3312.35
	04/13/06	3362		49.58	50.08	0.50	Hand Bailed	PSH .5 / H2O 4.5	3312.30
	04/13/06	3362		49.58	50.08	0.50	after bailing		3312.30
	04/25/06	3362		49.65	49.99	0.34	Hand Bailed	PSH .5 / H2O 4.5	3312.27
	04/25/06	3362		50.00	50.01	0.01	after bailing		3312.00
	05/03/06	3362		49.55	49.91	0.36	Hand Bailed	PSH .5 / H2O 4.5	3312.36
	05/03/06	3362		49.56	49.68	0.12	after bailing		3312.41
	05/11/06	3362		49.65	49.81	0.16	Hand Bailed	PSH .25 / H2O 4.75	3312.31
	05/11/06	3362		50.32	50.32	0.00	after bailing		3311.68
	05/24/06	3362		49.62	50.08	0.46	Hand Bailed	PSH .5 / H2O 4.5	3312.27
	05/24/06	3362		51.22	51.23	0.01	after bailing		3310.78
	06/07/06	3362		49.68	49.95	0.27	Hand Bailed	PSH .5 / H2O 4.5	3312.25
	06/07/06	3362		49.75	49.77	0.02	after bailing		3312.25
	06/15/06	3362		49.58	49.80	0.22			3312.37
	06/29/06	3362		49.51	50.30	0.79	Hand Bailed	PSH .85 / H2O 4.15	3312.29
	06/29/06	3362		49.73	49.73	0.00	after bailing		3312.27
	07/11/06	3362		49.58	49.80	0.22			3312.37
	07/25/06	3362		49.88	49.97	0.09			3312.10
	08/09/06	3362	63.95	49.65	50.10	0.45		Bail 10 Gal	3312.24
	08/22/06	3362		49.57	50.34	0.77	bailed	PSH .75 / H2O 9.25	3312.24
	08/22/06	3362		49.93	49.97	0.04			3312.06
	09/12/06	3362	63.86	50.30	50.70	0.40			3311.60
	09/19/06	3362		49.54	50.01	0.47	Bailed	PSH .5 / H2O 9.5	3312.34
	09/19/06	3362		49.93	50.00	0.07			3312.05
	10/03/06	3362		49.50	49.99	0.49	Bailed	PSH .5 / H2O 9.5	3312.38
	10/03/06	3362		50.02	50.03	0.01	Installed Sock		3311.98
	10/17/06	3362		49.50	50.10	0.60	Bailed	PSH .75 / H2O 4.25	3312.35
	10/17/06	3362		50.18	50.19	0.01	Removed sock		3311.82
	10/31/06	3362		49.50	50.75	1.25	Bailed	PSH 1.5 / H2O 3.5	3312.19
	10/31/06	3362		50.78	50.84	0.06	Installed Sock		3311.21
	11/15/06	3362		49.44	50.30	0.86			3312.35
	11/15/06	3362		49.80	49.90	0.10	Bailed	PSH .5 H2O 9.5	3312.18
	12/06/06	3362	49.39	50.23	51.10	0.87			3311.55
	12/13/06	3362		49.28	50.27	0.99	Bailed	PSH 1.25 / H2O 3.75	3312.47
	12/13/06	3362		51.10	51.13	0.03	Removed sock		3310.89
	12/20/06	3362		49.21	50.76	1.55	Bailed	PSH .75 / H2O 9.25	3312.40
	12/27/06	3362		49.27	50.20	0.93	Bailed	PSH 1 / H2O 4	3312.50
	12/27/06	3362		50.18	50.18	0.00	No Sock		3311.82
	01/03/06	3362		49.29	50.29	1.00	Bailed	PSH .75 / H2O 9.25	3312.46
	01/03/06	3362		50.21	50.21	0.00	No Sock		3311.79
	01/09/07	3362		49.45	50.23	0.78	Bailed	PSH .75 / H2O 4	3312.36
	01/09/07	3362		50.24	50.24	0.00	No Sock		3311.76
	01/18/07	3362		49.36	50.00	0.64	Bailed	PSH 1.5 / H20 8.5	3312.48
	01/18/07	3362		49.95	49.97	0.02	No Sock		3312.05
	01/22/07	3362		49.27	50.07	0.80	Bailed	PSH .25 / H2O 9.75	3312.53
	01/22/07	3362		49.60	49.63	0.03	No Sock		3312.39

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
	02/01/07	3362		49.28	49.86	0.58	Bailed	PSH .75 / H2O 9.25	3312.58
	02/01/07	3362		49.83	49.85	0.02	No Sock		3312.17
	02/07/07	3362		49.22	49.94	0.72	Bailed	PSH .75 / H2O 9	3312.60
	02/07/07	3362		49.83	49.85	0.02	No Sock		3312.17
	02/14/07	3362		49.21	49.96	0.75	Bailed	PSH .5 H2O 9	3312.60
	02/14/07	3362		49.92	49.94	0.02	No Sock		3312.08
	02/21/07	3362		49.18	49.93	0.75	Bailed	PSH .75 / H2O 9	3312.63
	03/07/07	3362		49.22	50.38	1.16	No Sock	PSH 1.5 / H2O 6	3312.49
	03/07/07	3362		49.55	49.62	0.07	No Sock		3312.43
	03/14/07	3362		49.22	49.81	0.59	Bailed	PSH .75 / H2O 9	3312.63
	03/14/07	3362		49.70	49.73	0.03	No Sock		3312.29
	03/21/07	3362		49.26	49.76	0.50	Bailed	PSH .5 H2O 1	3312.62
	03/21/07	3362		49.67	49.69	0.02	No Sock		3312.33
	03/28/07	3362		49.12	49.96	0.84	Bailed	PSH .75 / H2O .75	3312.67
	03/28/07	3362		49.60	49.69	0.09	No Sock		3312.38
	04/03/07	3362		49.22	49.80	0.58	Bailed	PSH .5 / H2O .5	3312.64
	04/03/07	3362		49.42	49.46	0.04	No Sock		3312.57
	04/10/07	3362		49.20	49.91	0.71	Bailed	PSH .5 / H2O .5	3312.62
	04/10/07	3362		49.37	49.40	0.03	No Sock		3312.62
	04/18/07	3362		49.20	50.03	0.83	Bailed	PSH 1.5 / H2O 8	3312.59
	04/18/07	3362		49.37	49.40	0.03	No Sock		3312.62
	04/24/07	3362		49.02	50.20	1.18	Bailed	PSH 1.5 / H2O 8	3312.69
	04/24/07	3362		49.42	49.51	0.09	No Sock		3312.56
	05/03/07	3362		49.12	49.88	0.76	Bailed	PSH 1 / H2O 9	3312.69
	05/03/07	3362		49.50	49.52	0.02	No Sock		3312.50
	05/11/07	3362		49.21	49.68	0.47	Bailed	PSH .50 / H2O 9	3312.67
RW-2	05/11/07	3362		48.53	48.58	0.05	No Sock		3313.46
	05/16/07	3362		49.24	49.58	0.34	Bailed	PSH .25 / H2O 9.5	3312.68
	05/16/07	3362		49.65	49.65	0.00	No Sock		3312.35
	05/23/07	3362		49.14	49.56	0.42	Bailed	PSH 1 / H2O 9	3312.76
	05/23/07	3362		49.28	49.31	0.03	No Sock		3312.71
	05/31/07	3362		49.10	49.61	0.51	Bailed	PSH .50 / H2O 2	3312.77
	05/31/07	3362		DNG	DNG	#VALUE!	No Sock		
	06/06/07	3362	63.90	49.13	49.49	0.36	Bailed	PSH .50 / H2O 9	3312.78
	06/06/07	3362	63.90	49.34	49.34	0.00	No Sock		3312.66
	06/13/07	3362	63.90	49.15	49.48	0.33	Bailed	PSH .50 / H2O 9	3312.77
	06/13/07	3362	63.90	49.52	49.52	0.00	No Sock		3312.48
	06/19/07	3362	63.90	49.15	49.66	0.51	Bailed	PSH .50 / H2O 9	3312.72
	06/19/07	3362	63.90	49.38	49.39	0.01	No Sock		3312.62
	06/27/07	3362	63.90	49.31	49.63	0.32	Bailed	PSH .50 / H2O 9	3312.61
	06/27/07	3362	63.90	49.67	49.67	0.00	No Sock		3312.33
	07/05/07	3362	62.75	49.05	49.70	0.65	Bailed	PSH .75 / H2O 10	3312.79
	07/05/07	3362	62.75	49.47	49.47	0.00	No Sock		3312.53
	07/11/07	3362	62.75	49.49	49.76	0.27	Bailed	PSH .50 / H2O 9	3312.44
	07/11/07	3362	62.75	49.52	49.52	0.00	No Sock		3312.48
	07/19/07	3362	62.75	49.05	49.64	0.59	Bailed	PSH .50 / H2O 9	3312.80
	07/19/07	3362	62.75	49.26	49.30	0.04	No Sock		3312.73
	07/24/07	3362	62.75	49.00	49.70	0.70	Bailed	PSH .75 / H2O 9	3312.83
	07/24/07	3362	62.75	49.52	49.58	0.06	No Sock		3312.47
	07/31/07	3362	62.75	49.00	49.70	0.70	Bailed	PSH .50 / H2O 9	3312.83
	07/31/07	3362	62.75	49.10	49.14	0.04	No Sock		3312.89
	08/09/07	3362	62.75	49.21	49.86	0.65	Bailed	PSH .75 / H2O 9	3312.63
	08/09/07	3362	62.75	49.71	49.71	0.00	No Sock		3312.29

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-2	08/15/07	3362	62.75	49.21	49.86	0.65	Bailed	PSH .50 / H2O 9	3312.63
	08/15/07	3362	62.75	49.73	49.73	0.00	No Sock		3312.27
	08/22/07	3362	62.75	49.12	49.99	0.87	Bailed	PSH .75 / H2O 9	3312.66
	08/22/07	3362	62.75	49.88	49.88	0.00	No Sock		3312.12
	08/28/07	3362	62.75	49.34	50.13	0.79	Bailed	PSH .75 / H2O 9	3312.46
	08/28/07	3362	62.75	50.00	50.02	0.02	No Sock		3312.00
	09/06/07	3362	62.75	49.36	49.88	0.52	Bailed	PSH .50 / H2O 9	3312.51
	09/06/07	3362	62.75	49.84	49.84	0.00	No Sock		3312.16
	09/13/07	3362	62.75	49.32	49.89	0.57	Bailed	PSH .75 / H2O 9	3312.54
	09/13/07	3362	62.75	49.90	49.92	0.02	No Sock		3312.10
	09/18/07	3362	62.75	49.24	49.81	0.57	Bailed	PSH .50 / H2O 9	3312.62
	09/18/07	3362	62.75	49.86	49.87	0.01	No Sock		3312.14
	09/26/07	3362	62.75	49.29	49.86	0.57	Bailed	PSH .50 / H2O 9	3312.57
	09/26/07	3362	62.75	49.94	49.94	0.00	No Sock		3312.06
	10/04/07	3362	62.75	49.36	49.90	0.54	Bailed	PSH .50 / H2O 9	3312.51
	10/04/07	3362	62.75	50.06	50.11	0.05	No Sock		3311.93
	10/10/07	3362	62.75	49.10	49.40	0.30	Bailed	PSH .50 / H2O 9	3312.83
	10/10/07	3362	62.75	49.84	49.86	0.02	No Sock		3312.16
	10/17/07	3362	62.75	49.12	49.43	0.31	Bailed	PSH .50 / H2O 9	3312.80
	10/17/07	3362	62.75	49.80	49.82	0.02	No Sock		3312.20
	10/24/07	3362	62.75	49.13	49.93	0.80	Bailed	PSH .50 / H2O 50	3312.67
	10/24/07	3362	62.75	49.28	49.29	0.01	No Sock		3312.72
	10/31/07	3362	62.75	49.15	49.58	0.43	Bailed	PSH .50 / H2O 50	3312.74
	10/31/07	3362	62.75	49.21	49.22	0.01	No Sock		3312.79
	11/07/07	3362	62.75	49.20	49.66	0.46	Bailed	PSH .50 / H2O 9	3312.69
	11/07/07	3362	62.75	49.26	49.28	0.02	No Sock		3312.74
	11/13/07	3362	62.75	49.08	49.88	0.80			3312.72
	11/20/07	3362	62.75	49.02	49.91	0.89	Bailed	PSH 1 / H2O 8	3312.76
	11/27/07	3362	62.75	49.00	49.94	0.94	No Sock		3312.77
	12/05/07	3362	62.75	48.86	49.60	0.74	Bailed	PSH 1 / H2O 8	3312.96
	12/05/07	3362	62.75	49.36	49.36	0.00	No Sock		3312.64
	12/12/07	3362	62.75	48.93	49.58	0.65	Bailed	PSH 1 / H2O 8	3312.91
	12/12/07	3362	62.75	49.48	49.48	0.00	No Sock		3312.52
	12/18/07	3362	62.75	49.15	49.90	0.75	Bailed	PSH 1 / H2O 9	3312.66
	12/18/07	3362	62.75	50.23	50.23	0.00	No Sock		3311.77
	12/27/07	3362	62.75	49.11	49.87	0.76	Bailed	PSH 1 / H2O 8	3312.70
	12/27/07	3362	62.75	50.18	50.18	0.00	No Sock		3311.82
RW-3	03/28/06	3361.93	63.85	50.22	50.41	0.19			3311.66
	03/29/06	3361.93		50.20	50.37	0.17			3311.69
	04/13/06	3361.93		50.02	51.04	1.02	Hand Bailed	PSH 2 / H2O 5	3311.66
	04/13/06	3361.93		50.32	50.37	0.05	after bailing		3311.60
	04/25/06	3361.93		50.15	51.00	0.85	Hand Bailed	PSH 2 / H2O 5	3311.57
	04/25/06	3361.93		51.25	51.30	0.05	after bailing		3310.67
	05/03/06	3361.93		50.10	50.81	0.71	Hand Bailed	PSH 3 / H2O 5	3311.65
	05/03/06	3361.93		50.15	50.31	0.16	after bailing		3311.74
	05/11/06	3361.93		50.18	50.91	0.73	Hand Bailed	PSH .75 / H2O 5	3311.57
	05/11/06	3361.93		51.01	51.08	0.07	after bailing		3310.90
	05/24/06	3361.93		50.13	50.81	0.68	Hand Bailed	PSH .75 / H2O 5	3311.63
	05/24/06	3361.93		51.96	52.00	0.04	after bailing		3309.96
	06/07/06	3361.93		50.17	50.90	0.73	Hand Bailed	PSH 1 / H2O 5	3311.58
	06/07/06	3361.93		50.50	50.65	0.15	after bailing		3311.39
	06/15/06	3361.93		50.13	50.63	0.50			3311.68

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-3	06/29/06	3361.93		50.14	50.96	0.82	Hand Bailed	PSH 1 / H2O 5	3311.59
	06/29/06	3361.93		50.53	50.58	0.05	after bailing		3311.39
	07/11/06	3361.93		50.12	50.61	0.49	Hand Bailed		3311.69
	07/11/06	3361.93		50.12	50.50	50.50	after bailing		3349.31
	07/25/06	3361.93		50.22	50.54	0.32	Hand Bailed	PSH .5 / H2O 5	3311.63
	07/25/06	3361.93		50.55	50.60	0.05	after bailing		3311.37
	08/09/06	3361.93	64.00	50.38	50.55	0.17			3311.51
	08/22/06	3361.93		50.22	50.77	0.55	bailed	PSH .75 / H2O 9.25	3311.57
	08/22/06	3361.93		50.79	50.84	0.05			3311.13
	09/12/06	3361.93	64.42	49.55	50.12	0.57			3312.24
	09/19/06	3361.93		50.30	50.65	0.35	bailed	PSH .5 / H2O 9.5	3311.54
	09/19/06	3361.93		51.08	51.10	0.02			3310.85
	10/03/06	3361.93		50.16	50.56	0.40	bailed	PSH .5 / H2O 9.5	3311.67
	10/03/06	3361.93		51.13	51.16	0.03	Installed Sock		3310.79
	10/17/06	3361.93		50.12	50.48	0.36	bailed	PSH .50 / H2O 4.5	3311.72
	10/17/06	3361.93		50.16	50.18	0.02	Removed sock		3311.77
	10/31/06	3361.93		50.07	51.13	1.06	bailed	PSH 1.5 / H2O 3.5	3311.60
	10/31/06	3361.93		50.08	50.15	0.07	Installed Sock		3311.83
	11/15/06	3361.93		50.24	50.62	0.38	Removed sock		3311.60
	11/15/06	3361.93		50.42	50.46	0.04	Bailed	PSH .5 H2O 9.5	3311.50
	12/06/06	3361.93		49.93	51.10	1.17	No Sock		3311.71
	12/13/06	3361.93		49.91	51.13	1.22	bailed	PSH 1.5 / H2O 3.5	3311.72
	12/13/06	3361.93		52.51	52.56	0.05	No Sock	No Sock	3309.41
	12/20/06	3361.93		49.85	51.28	1.43	bailed	PSH .5 H2O 9.5	3311.72
	12/20/06	3361.93		50.15	50.20	0.05	No Sock	No Sock	3311.77
	12/27/06	3361.93		49.89	50.98	1.09	bailed	PSH 1.5 / H2O 3.5	3311.77
	12/27/06	3361.93		52.90	52.90	0.00	No Sock	No Sock	3309.03
	01/03/07	3361.93		49.93	51.00	1.07	PSH 1 H2O 9	No Sock	3311.73
	01/03/07	3361.93		50.33	50.38	0.05	No Sock		3311.59
	01/09/07	3361.93		50.00	50.98	0.98	PSH 1.25 / H2O 3.75	No Sock	3311.69
	01/09/07	3361.93		50.96	50.98	0.02	No Sock		3310.97
	01/18/07	3361.93		49.82	50.85	1.03	PSH 1.5 H2O 8.5	No Sock	3311.85
	01/18/07	3361.93		50.45	50.50	0.05	No Sock		3311.47
	01/22/07	3361.93		49.82	50.67	0.85	bailed	PSH 1.5 H2O 8.5	3311.90
	01/22/07	3361.93		50.33	50.35	0.02	No Sock		3311.60
	02/01/07	3361.93		49.80	50.63	0.83	bailed	PSH 2 H2O 8	3311.92
	02/01/07	3361.93		50.63	50.68	0.05	No Sock		3311.29
	02/07/07	3361.93		49.69	49.96	0.27	bailed	PSH 1.5 H2O 8.5	3312.17
	02/07/07	3361.93		49.91	49.94	0.03	No Sock		3312.01
	02/14/07	3361.93		49.70	49.97	0.27	bailed	PSH .75 H2O 9	3312.16
	02/14/07	3361.93		49.95	49.95	0.00	No Sock		3311.98
	02/21/07	3361.93		49.66	49.96	0.30	bailed	PSH .5 / H2O 9.	3312.20
	03/07/07	3361.93		49.78	51.05	1.27	bailed	PSH 1.5 / H2O 4	3311.83
	03/07/07	3361.93		50.35	50.40	0.05	No Sock		3311.57
	03/14/07	3361.93		49.74	50.78	1.04	bailed	PSH 1 / H2O 2	3311.93
	03/14/07	3361.93		49.97	50.07	0.10	No Sock		3311.94
	03/21/07	3361.93		49.78	50.80	1.02	bailed	PSH 1 / H2O 1	3311.90
	03/21/07	3361.93		49.92	49.98	0.06	No Sock		3312.00
	03/28/07	3361.93		49.69	50.82	1.13	bailed	PSH .75 / H2O .75	3311.96
	03/28/07	3361.93		50.02	50.07	0.05	No Sock		3311.90
	04/03/07	3361.93		49.78	50.78	1.00	bailed	PSH 1 / H2O .25	3311.90
	04/03/07	3361.93		49.98	50.25	0.27	No Sock		3311.88
	04/10/07	3361.93		49.74	50.88	1.14	bailed	PSH .75 / H2O .50	3311.91
	04/10/07	3361.93		50.15	50.20	0.05	No Sock		3311.77

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-3	04/18/07	3361.93		49.75	50.86	1.11	bailed	PSH 1 / H2O 8.5	3311.90
	04/18/07	3361.93		50.06	50.15	0.09	No Sock		3311.85
	04/24/07	3361.93		49.51	50.99	1.48	bailed	PSH 1 / H2O 8.5	3312.05
	04/24/07	3361.93		50.12	50.29	0.17	No Sock		3311.77
	05/03/07	3361.93		49.63	50.78	1.15	bailed	PSH 1 / H2O 9	3312.01
	05/03/07	3361.93		50.02	50.10	0.08	No Sock		3311.89
	05/11/07	3361.93		49.73	50.76	1.03	Bailed	PSH 1 / H2O 9	3311.94
	05/11/07	3361.93		50.48	50.48	0.00	No Sock		3311.45
	05/16/07	3361.93		49.80	50.47	0.67	bailed	PSH .50 / H2O 9	3311.96
	05/16/07	3361.93		50.25	50.25	0.00	No Sock		3311.68
	05/23/07	3361.93		49.69	50.31	0.62	bailed	PSH .50 / H2O 9.5	3312.09
	05/23/07	3361.93		50.50	50.52	0.02	No Sock		3311.43
	05/31/07	3361.93		49.68	50.10	0.42	bailed	PSH .50 / H2O 9.5	3312.15
	05/31/07	3361.93		50.50	50.52	0.02	No Sock		3311.43
	06/06/07	3361.93	63.83	49.20	50.24	1.04	bailed	PSH .75 / H2O 9	3312.47
	06/06/07	3361.93	63.83	50.38	50.38	0.00	No Sock		3311.55
	06/13/07	3361.93	63.83	49.75	50.22	0.47	bailed	PSH .75 / H2O 9	3312.06
	06/13/07	3361.93	63.83	50.30	50.30	0.00	No Sock		3311.63
	06/19/07	3361.93	63.83	49.72	50.38	0.66	bailed	PSH .75 / H2O 9	3312.05
	06/19/07	3361.93	63.83	50.10	50.12	0.02	No Sock		3311.83
	06/27/07	3361.93	63.83	49.71	50.26	0.55	bailed	PSH .50 / H2O 9	3312.08
	06/27/07	3361.93	63.83	50.36	50.36	0.00	No Sock		3311.57
	07/05/07	3361.93	63.75	49.67	50.25	0.58	bailed	PSH .50 / H2O 9	3312.12
	07/05/07	3361.93	63.75	50.00	50.00	0.00	No Sock		3311.93
	07/11/07	3361.93	63.75	49.69	50.31	0.62	bailed	PSH .75 / H2O 8.5	3312.09
	07/11/07	3361.93	63.75	50.38	50.38	0.00	No Sock		3311.55
	07/19/07	3361.93	63.75	49.69	50.12	0.43	bailed	PSH .50 / H2O 8.5	3312.13
	07/19/07	3361.93	63.75	50.21	50.21	0.00	No Sock		3311.72
	07/24/07	3361.93	63.75	49.61	50.18	0.57	bailed	PSH .75 / H2O 9	3312.18
	07/24/07	3361.93	63.75	50.18	50.20	0.02	No Sock		3311.75
	07/31/07	3361.93	63.79	49.68	50.30	0.62	bailed	PSH .75 / H2O 9	3312.10
	07/31/07	3361.93	63.79	50.18	50.20	0.02	No Sock		3311.75
	08/09/07	3361.93	63.79	50.49	50.49	0.00	bailed	PSH .75 / H2O 9	3311.44
	08/09/07	3361.93	63.79	50.45	50.47	0.02	No Sock		3311.48
	08/16/07	3361.93	63.79	49.81	50.48	0.67	bailed	PSH .50 / H2O 9	3311.95
	08/16/07	3361.93	63.79	50.41	50.41	0.00	No Sock		3311.52
	08/22/07	3361.93	63.79	49.73	50.56	0.83	bailed	PSH .75 / H2O 9	3311.99
	08/22/07	3361.93	63.79	50.48	50.50	0.02	No Sock		3311.45
	08/28/07	3361.93	63.79	49.98	50.71	0.73	bailed	PSH .75 / H2O 9	3311.77
	08/28/07	3361.93	63.79	50.60	50.62	0.02	No Sock		3311.33
	09/06/07	3361.93	63.79	49.68	50.22	0.54	bailed	PSH .50 / H2O 9	3312.12
	09/06/07	3361.93	63.79	50.26	50.26	0.00	No Sock		3311.67
	09/13/07	3361.93	63.79	49.72	50.25	0.53	bailed	PSH .50 / H2O 9	3312.08
	09/13/07	3361.93	63.79	50.28	50.31	0.03	No Sock		3311.64
	09/18/07	3361.93	63.79	49.70	50.20	0.50	bailed	PSH .50 / H2O 9	3312.11
	09/18/07	3361.93	63.79	50.26	50.26	0.00	No Sock		3311.67
	09/26/07	3361.93	63.79	49.78	50.28	0.50	bailed	PSH .50 / H2O 9	3312.03
	09/26/07	3361.93	63.79	50.43	50.46		No Sock		
	10/04/07	3361.93	63.79	49.84	50.39	0.55	bailed	PSH .50 / H2O 9	3311.95
	10/04/07	3361.93	63.79	50.52	50.58		No Sock		
	10/10/07	3361.93	63.79	49.75	50.22	0.47	bailed	PSH .50 / H2O 9	3312.06
	10/10/07	3361.93	63.79	50.36	50.39		No Sock		
	10/17/07	3361.93	63.79	49.72	50.24	0.52	bailed	PSH .50 / H2O 9	3312.08
	10/17/07	3361.93	63.79	50.30	50.34		No Sock		

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-3	10/24/07	3361.93	63.79	49.76	50.16	0.40	bailed	PSH .50 / H2O 50	3312.07
	10/24/07	3361.93	63.79	50.10	50.10		No Sock		
	10/31/07	3361.93	63.79	49.78	49.90	0.12	bailed	PSH .50 / H2O 10	3312.12
	10/31/07	3361.93	63.79	50.32	50.32		No Sock		
	11/07/07	3361.93	63.79	49.26	49.28	0.02	bailed	PSH .25 / H2O 9	3312.67
	11/07/07	3361.93	63.79	50.20	50.24		No Sock		
	11/13/07	3361.93	63.79	49.78	49.94	0.16	Installed Sock		3312.11
	11/20/07	3361.93	63.79	49.88	49.90	0.02	Flip Sock		3312.05
	11/27/07	3361.93	63.79	49.91	49.93	0.02	Sock		3312.02
	11/27/07	3361.93	63.79	50.20	50.20		bailed	PSH .25 / H2O 8	
	12/05/07	3361.93	63.79	49.60	49.61	0.01	New sock		3312.33
	12/05/07	3361.93	63.79	49.89	49.89		bailed	PSH .25 / H2O 8	
	12/12/07	3361.93	63.79	49.57	49.59	0.02	Sock		3312.36
	12/12/07	3361.93	63.79	49.62	49.62		bailed	PSH .25 / H2O 8	
	12/18/07	3361.93	63.79	49.96	49.96	0.00	New sock		3311.97
	12/18/07	3361.93	63.79	51.58	51.58		bailed	PSH 0 / H2O 10	
	12/27/07	3361.93	63.79	49.84	49.84	0.00	New sock		3312.09
	12/27/07	3361.93	63.79	51.58	51.58		bailed	PSH 0 / H2O 9	
RW-4	12/06/06	3363.22	64.23		49.80	0.00			3313.42
	12/13/06	3363.22			49.83	0.00			3313.39
	12/27/06	3363.22			49.63	0.00			3313.59
	01/03/07	3363.22			49.78	0.00			3313.44
	01/09/07	3363.22			49.78	0.00			3313.44
	01/18/07	3363.22			49.65	0.00			3313.57
	01/22/07	3363.22			49.59	0.00			3313.63
	02/01/07	3363.22			49.54	0.00			3313.68
	02/07/07	3363.22			49.68	0.00			3313.54
	02/14/07	3363.22			49.66	0.00			3313.56
	02/21/07	3363.22			49.68	0.00			3313.54
	02/28/07	3363.22	64.25		49.53	0.00			3313.69
	03/07/07	3363.22			49.62	0.00			3313.60
	04/03/07	3363.22			49.57	0.00			3313.65
	05/03/07	3363.22			49.46	0.00			3313.76
	05/30/07	3363.22	64.29		49.52	0.00			3313.70
	06/06/07	3363.22	64.32		49.43	0.00			3313.79
	07/05/07	3363.22	63.64		49.43	0.00			3313.79
	07/31/07	3363.22	63.65		49.47	0.00			3313.75
	09/06/07	3363.22	63.68		49.43	0.00			3313.79
	10/10/07	3363.22	63.65		49.49	0.00			3313.73
	11/13/07	3363.22	63.71		49.55	0.00			3313.67
	12/27/07	3363.22	63.71		49.51	0.00			3313.71
RW-5	12/06/06	3362.38	64.00		49.38	0.00			3313.00
	12/13/06	3362.38			49.41	0.00			3312.97
	12/27/06	3362.38			49.25	0.00			3313.13
	01/03/07	3362.38			49.35	0.00			3313.03
	01/09/07	3362.38			49.37	0.00			3313.01
	01/18/07	3362.38			49.28	0.00			3313.10
	01/22/07	3362.38			49.20	0.00			3313.18
	02/01/07	3362.38			49.06	0.00			3313.32
	02/07/07	3362.38			49.26	0.00			3313.12
	02/14/07	3362.38			49.26	0.00			3313.12

Table 2
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS # 2003--00134
Vacuum to Jal #5
Lea County, New Mexico

Well No.	Date Measured	TOC Elevation	Total Depth	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Corrected Groundwater Elevation
RW-5	02/21/07	3362.38			49.28	0.00			3313.10
	02/28/07	3362.38	64.02		49.13	0.00			3313.25
	03/07/07	3362.38			49.22	0.00			3313.16
	04/03/07	3362.38			49.19	0.00			3313.19
	05/03/07	3362.38			49.08	0.00			3313.30
	05/30/07	3362.38	64.02		49.15	0.00			3313.23
	06/06/07	3362.38	64.00		49.02	0.00			3313.36
	07/05/07	3362.38	64.02		49.02	0.00			3313.36
	07/31/07	3362.38	64.04		49.07	0.00			3313.31
	09/06/07	3362.38	64.05		49.00	0.00			3313.38
	09/10/07	3362.38	64.05		49.02	0.00			3313.36
	11/13/07	3362.38	64.00		49.06	0.00			3313.32
	12/27/07	3362.38	64.00		49.02	0.00			3313.36
RW-6	12/06/06	3363.11	64.19		50.62	0.00			3312.49
	12/13/06	3363.11			50.68	0.00			3312.43
	12/27/06	3363.11			50.52	0.00			3312.59
	01/03/07	3363.11			50.64	0.00			3312.47
	01/09/07	3363.11			50.66	0.00			3312.45
	01/18/07	3363.11			50.57	0.00			3312.54
	01/22/07	3363.11			50.48	0.00			3312.63
	02/01/07	3363.11			50.43	0.00			3312.68
	02/07/07	3363.11			50.58	0.00			3312.53
	02/14/07	3363.11			50.56	0.00			3312.55
	02/21/07	3363.11			50.59	0.00			3312.52
	02/28/07	3363.11	64.20		50.40	0.00			3312.71
	03/07/07	3363.11			50.50	0.00			3312.61
	04/03/07	3363.11			50.47	0.00			3312.64
	05/03/07	3363.11			50.35	0.00			3312.76
	05/30/07	3363.11	64.19		50.42	0.00			3312.69
	06/06/07	3363.11	64.20		50.31	0.00			3312.80
	07/05/07	3363.11	64.18		50.26	0.00			3312.85
	07/31/07	3363.11	64.17		50.30	0.00			3312.81
	09/06/07	3363.11	64.19		50.30	0.00			3312.81
	10/10/07	3363.11	64.19		50.34	0.00			3312.77
	11/13/07	3363.11	64.18		50.35	0.00			3312.76
	12/27/07	3363.11	64.18		50.30	0.00			3312.81

Note: RW-2 used as bench mark for November 2006 well survey. (3362.00)

Appendix C
Groundwater Analytical Reports

(Available Electronically on CD Only)

1st Quarter 2007 Analytical Reports– T16494
2nd Quarter 2007 Analytical Reports– T17645
3rd Quarter 2007 Analytical Reports– T18811
4th Quarter 2007 Analytical Reports– T19737

Appendix D
C-141 NMOCD Release Notification Form

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

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 March 17, 1999

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company **EOTT Energy LLC**	Contact **Frank Hernandez**
Address **PO Box 1660 5805 East Highway 80 Midland, Texas 79702**	Telephone No. **713.253.7006**
Facility Name **Vacuum to Jal 14" Mainline #5**	Facility Type **14" Steel Pipeline**

Surface Owner **Greg Holt**	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	
2	**2**	**T22S**	**R37E**					County: Lea **Lat. 32 25' 39.006"N** **Lon. 103 07' 43.155"W**

NATURE OF RELEASE

Type of Release **Crude Oil**	Volume of Release **20 bbls barrels**	Volume Recovered **5 bbls barrels**
Source of Release **14" Steel Pipeline**	Date and Hour of Occurrence **5-23-03 @ 3:00 PM**	Date and Hour of Discovery **4:00 PM @ 5-23-03**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Buddy Hill**	
By Whom? **Pat McCasland, EPI**	Date and Hour **5-23-03 @ 8:00 PM**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. **NA**	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*
14" Steel Pipeline. The cause was either internal or external corrosion. The line was being pressure tested at the time of the occurrence. The line was depressured and a line repair clamp installed. Contaminated soil placed on a plastic barrier.

Describe Area Affected and Cleanup Action Taken.*
~200' x 100' 8,730 sqft ***Site will be delineated to determine the vertical and horizontal extents of contamination. Contaminated soil will be disposed of or remediated on site. Remedial Goals: TPH 8015m = 1000 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 certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and 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: Frank Hernandez	**OIL CONSERVATION DIVISION** Approved by District Supervisor:	
Printed Name: Frank Hernandez		
Title: District Environmental Supervisor	Approval Date:	Expiration Date:
Date: May 27, 2003 Phone: 713.253.7006	Conditions of Approval:	Attached ☐

* Attach Additional Sheets If Necessary

DISTRIBUTION

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