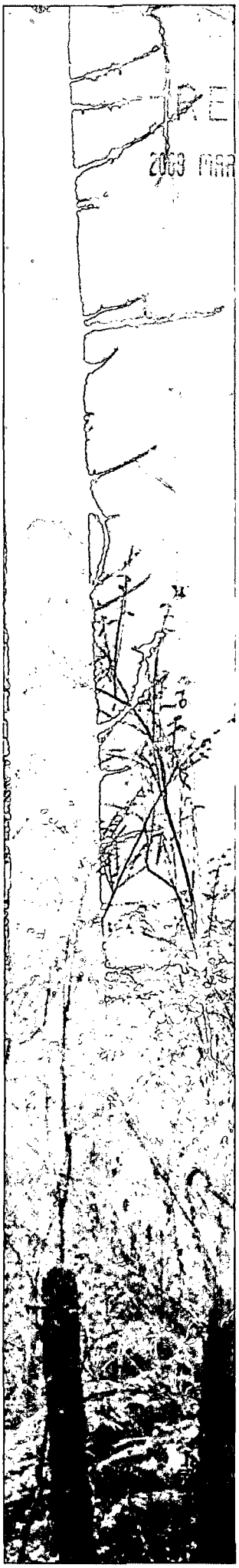
1R - 463

Annual GW Mon. REPORTS

DATE:

2008



2008 ANNUAL REPORT
D S HUGH
PLAINS SRS NO.: 2000-10807
UL-K, SECTION 26, T21S, R37E
Lea County, New Mexico
NMOCD No. IR-0463

PREPARED FOR

PLAINS MARKETING, L.P.

333 CLAY STREET, SUITE 1600
HOUSTON, TEXAS 77002

PREPARED BY

PREMIER ENVIRONMENTAL SERVICES, INC

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Project No. 205071.00

March 2009

Chan Patel
Senior Project Manager

PREMIER
ENVIRONMENTAL SERVICES, INC

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Stafford, TX 77477

Phone 281.240.5200
Fax 281.240.5201
www.premiercorp-usa.com

March 30, 2009

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

Re: 2008 Annual Reports for
Vacuum to Jal 14" Mainline #3
Vacuum to Jal 14" Mainline #5
D S Hugh
Hugh Gathering

Dear Mr. Hansen:

Please find enclosed one copy each of the 2008 Annual Report required to be submitted to the New Mexico Oil Conservation Division (NMOCD). Annual Reports for the year 2008 were prepared by Premier Environmental Services, Inc. (Premier) on behalf of Plains Pipeline, L.P. (Plains) for the following Plains' sites located in Lea County, New Mexico:

- Vacuum to Jal 14" Mainline #3; NMOCD # 1R - 455; Plains SRS # 2003 - 00117
- Vacuum to Jal 14" Mainline #5; NMOCD # 1R - 0464; Plains SRS # 2003 - 00134
- D S Hugh; NMOCD # 1R - 0463; Plains SRS # 2000 - 10807
- Hugh Gathering; NMOCD # AP-0041; Plains SRS # 2002 - 10235

If you have any questions or concerns, please feel free to call us at (281) 240-5200 extension 2703.

Yours very truly,

Chan Patel
Senior Project Manager

Steven M Sellepack
Project Geologist

cc: Larry Johnson (NMOCD Hobbs)
Mr. Jeffrey Dann, P.G. (Plains)
Local Plains Representative (2 copies)
Premier Environmental Services (3 copies)

Attachments

2008 Annual Report - Vacuum to Jal 14" Mainline #3
2008 Annual Report - Vacuum to Jal 14" Mainline #5,
2008 Annual Report - D S Hugh,
2008 Annual Report - Hugh Gathering

TABLE OF CONTENTS

PREMIER ENVIRONMENTAL SERVICES, INC.

Appendix C Groundwater Analytical Reports- *Available Electronically on CD Only*

Appendix D C-141 NMOCD Release Notification Form

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.

On November 10, 2000, a 4 inch steel pipeline at the DS Hugh 4 inch Gathering line Site (Site), SRS No. 2000-10807 released approximately 20 barrels of crude oil into the subsurface. This pipeline was formerly owned by EOTT Energy, LLC (EOTT) and is currently owned by Plains Marketing, L.P. (Plains). The Site is located in Unit Letter K, T21S, R37E, Section 26 of Lea County, New Mexico, approximately two miles east of Eunice, New Mexico (**Figure 1, Appendix A**) or more specifically at latitude 32° 26' 48" N and longitude 103° 08' 07" W. Approximately five barrels of product were reported recovered. The affected area was reported to be approximately 200 feet by 15 feet, and product stayed within the pipeline right of way. The leak was repaired and affected soil was excavated and temporarily placed on a plastic liner. The initial response notification form (**Form No. C-141, Appendix D**), prepared by Plains, provides documentation of reporting the release to Larry Johnson with the New Mexico Oil Conservation Division (NMOCD). An initial site investigation was made by Premier Environmental Services (Premier) personnel in April 2005. Details can be found in Premier's ***2005 Annual Report***. Site investigation and remediation activities continued in 2005 and 2006.

Site delineation activities in 2005 included the installation of five soil borings and collecting soil samples within and adjacent to the flow path of the release. Based on September 2005 findings, and the surface expression of the release, three groundwater monitor wells (MW-1 through MW-3) were installed in December 2005. Total Petroleum Hydrocarbon (TPH) concentrations in soil from monitor well MW-1 were above 100 mg/kg from the surface to the first water bearing zone at a depth of 45 feet bgs. A phase-separated hydrocarbon (PSH) sheen was observed in groundwater samples from monitor well MW-1. In May 2006, further soil investigation was conducted by Premier to delineate the extent of hydrocarbon contamination in soil. During this investigation, monitor wells MW-4 through MW-7 were installed.

A ***Soil Remediation Plan*** was submitted to and approved by the NMOCD in May 2006. The remediation plan was implemented in October 2006 and a ***Soil Closure Report*** was submitted in March 2007. Details of the activities can be found in the following reports submitted to the NMOCD:

- April 13, ***2006 Groundwater Delineation Investigation*** – March 2006 (letter report to Plains).
- May 2006 ***Soil Remediation Plan***.
- June 6, 2006 ***Soil Investigation Results*** (letter report to Plains).
- March 2007 ***Soil Closure Report***.

Weekly gauging and recovery activities from monitor wells with hydrocarbon sheen were conducted throughout 2008. Approximately 1,491.5 gallons of dissolved phase groundwater were recovered from wells with PSH or hydrocarbon sheen. Field activities also include monthly gauging, and quarterly sampling and analysis of groundwater from monitor wells MW-2 through MW-7. Groundwater analytical data indicate that benzene concentrations exceed NMOCD remediation criteria in groundwater from monitor wells MW-2 and MW-4. All other concentrations for parameters analyzed were below NMOCD remediation criteria for the wells sampled.

During the second quarter 2008, at the request of the NMOCD, samples from the well with PSH or hydrocarbon sheen (monitor well MW-1) was collected and analyzed for benzene, toluene, ethylbenzene and total xylene (BTEX) constituents, Polynuclear aromatic hydrocarbons (PAHs) and total petroleum hydrocarbons (TPH). Only benzene was detected at concentrations that exceed the NMOCD remediation criteria of 0.01 mg/L from monitor well MW-1. Monitor well MW-1 was not sampled in the remaining sampling events due to hydrocarbon sheen. Hydrocarbon recovery in monitor well MW-1 continued, using an absorbent sock.

The groundwater flow during 2008 was consistently trending east-southeast with an approximate gradient across the site between 0.0030 feet/foot and 0.0038 feet/foot as measured between monitor wells MW-3 and MW-6.

1.0 INTRODUCTION AND SITE HISTORY

Premier was retained by Plains to complete site investigations and remediation activities at the D.S. Hugh Gathering 4 inch Site (Site) (SRS Nos. 2000-10807).

The leak that occurred at the Site on November 10, 2000, was apparently caused by corrosion of a pipeline. The Site is located in T21S, R37E, Section 26 of Lea County, New Mexico, approximately two miles east of Eunice, New Mexico (**Figure 1, Appendix A**). At the time of the release, the pipeline was owned by EOTT, Inc. The pipeline is currently owned by Plains. The release was reported by EOTT to Ms. Donna Williams at the NMOCD on November 10, 2000 at 2:25 p.m. Approximately five barrels of product were reported recovered out of the approximately 20 barrels reportedly released into the subsurface.

The leak was repaired and affected soil was excavated and temporarily placed on a plastic liner. Delineation was initiated at the Site in 2005 through the collection of soil and groundwater samples from soil borings and groundwater monitor wells. Soil and groundwater delineation continued with a groundwater investigation in March 2006. Additional soil and groundwater investigation was conducted in May 2006 to delineate the extent of hydrocarbon contamination in the groundwater. During this investigation, monitor wells MW-4 through MW-7 were advanced (**Figure 2, Appendix A**).

A *Soil Remediation Plan* dated May 2006, was prepared, submitted and approved by 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 chemicals of concern (COCs) in the soil and to prevent further impact to groundwater by the placement of an impermeable liner at the base of the excavation. The remediation plan was implemented in October 2006 and a closure report submitted in March 2007. Details of these activities are described in the reports listed in the *Executive Summary*. Soil remediation was completed in 2006 based on an NMOCD approved work plan, and documented in the March 2007 *Soil Closure Report*.

2.1 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 as follows

Benzene	0.010 mg/L
Toluene,	0.750 mg/L
Ethyl benzene	0.750 mg/L
Total Xylenes	0.620 mg/L

In addition to using these concentrations as the targeted cleanup goals in groundwater at the Site, PSH removal will also be an integral part of on-going remediation activities at the Site.

2.2 1st Quarter 2008

Monitor wells with PSH were gauged on a weekly basis. The weekly gauging data showed minimal fluctuation in groundwater elevations during this quarter. The groundwater flow is consistently trending east-southeast at an approximate gradient across the site of 0.0036 feet/foot as measured between monitor wells MW-3 and MW-6 (February 27, 2008, **Figure 3-A, Appendix A**). The groundwater gradient and flow direction during the first quarter is consistent with previous gauging events conducted during 2007. Groundwater gauging and the PSH recovery data are presented in **Table 1, Appendix B**. A hydrocarbon sheen was observed in monitor well MW-1. PSH and groundwater with dissolved phase hydrocarbons was recovered during the quarter using absorbent socks. Approximately, 20 gallons of total fluids for each well with dissolved phase hydrocarbons (monitor well MW-4) and hydrocarbon sheen, were recovered weekly by manual bailing activities. These activities resulted in a total fluid recovery of approximately 369 gallons from these monitoring wells in the first quarter 2008. PSH recovery volumes using absorbent socks could not be quantified. Measurable amounts of PSH were not observed in any other on-site monitoring wells.

Groundwater was sampled on February 27, 2008 from monitor wells MW-2 through MW-7 for benzene, toluene, ethylbenzene, and total xylenes (BTEX). Monitor well MW-1 was not sampled due to the presence of a hydrocarbon sheen. The only constituents detected above the NMOCD standards were benzene and total xylenes from monitor well MW-4, at a concentration of 1.77 mg/L and 0.792 mg/L respectively (**Figure 4-A, Appendix A**). The NMOCD Remediation criteria for benzene and total xylenes are 0.01 mg/L and 0.62 mg/L respectively. The other detections from monitor wells MW-2 and MW-3 were at estimated

concentrations (J flagged) and below the regulatory standards. Analytical results are summarized in **Table 2, Appendix B**. Laboratory analytical reports are presented in **Appendix C**.

2.2 2nd Quarter 2008

Monitor wells with PSH were gauged weekly and the gauging data showed minimal fluctuation in groundwater elevations during this quarter. The groundwater flow is consistently trending east-southeast at an approximate gradient across the site of 0.0031 feet/foot as measured between monitor wells MW-3 and MW-6 (May 22, 2008, **Figure 3-B, Appendix A**).

Groundwater was sampled for BTEX on May 22, 2008 from monitor wells MW-2 through MW-7. The only constituent detected above the NMOCD standard was benzene from monitor well MW-4, at a concentration of 1.09 mg/L (**Figure 4-B, Appendix A**). The NMOCD remediation criterion for benzene is 0.01 mg/L. Analytical results are summarized in **Table 2, Appendix B.** Laboratory analytical reports are presented in **Appendix C**.

NMOCD required Plains to analyze for BTEX and PAHs in the groundwater samples containing dissolved phase hydrocarbons below the PSH in wells with hydrocarbon sheen. In order to meet this requirement, groundwater samples were collected from monitor well MW-1, during the second quarter and were analyzed for BTEX, TPH and PAH constituents. During this sampling event, 26 gallons of groundwater with hydrocarbon sheen over the surface of groundwater were removed using a pump from monitor well MW-1. As anticipated, the analytical results revealed the presence of all BTEX constituents, with benzene exceeding the remediation criteria of 0.01 mg/L in monitor well MW-1 (see **Figure 4-B, Appendix A**). Groundwater samples from monitor well MW-1 was also analyzed for PAH and TPH constituents during this quarter. The PAH analyses of the dissolved phase hydrocarbons in samples from wells with PSH or hydrocarbon sheen is evaluated for screening purposes only and not for compliance. PAH concentrations should be evaluated for compliance only after the PSH is removed and BTEX constituent concentrations in the dissolved phase plume indicate a stable or reducing dissolved phase plume. As part of the evaluation process, PAH constituents detected (associated with crude oil) are compared directly to the New Mexico Water Quality Control Commission (WQCC) groundwater standards for PAH, specifically naphthalene and 2-methylnaphthalene standard of 0.03mg/L. The PAHs detected above the laboratory method detection limits, naphthalene, and 2-methylnaphthalene at concentrations of 0.0107 mg/L and 0.0102 mg/L respectively, were both below the New Mexico Water Quality Standards for PAHs, of 0.03 mg/L (see **Table 3, Appendix B**). Since, the two detected PAHs are below the standard and none of the others were detected above the

laboratory method detection limits, they are not considered a concern at this time. Monitoring of PAHs is scheduled to continue in 2009.

TPH (C_6-C_{10} and C_{10}-C_{28}) detected in the groundwater samples are also reported in **Table 4, Appendix B**. TPH have no New Mexico WQCC groundwater standards or NMED Tap water screening levels.

PSH gauging and recovery activities continued at the Site on a weekly basis during the second quarter (**Table 1, Appendix B**). Approximately, 20 gallons of total fluids from each well with dissolved phase hydrocarbons and hydrocarbon sheen were recovered weekly during the second quarter 2008, by manual bailing activities. These activities resulted in a total fluid recovery volume of approximately 486 gallons from these monitoring wells. PSH recovery volumes using absorbent socks could not be quantified. No measurable PSH was observed in any other on-site monitoring wells.

2.3 3rd Quarter 2008

During 3rd quarter 2008 weekly gauging/product recovery were conducted for monitor well with hydrocarbon sheen. Quarterly sampling activities for the analysis of groundwater from monitor wells MW-2 through MW-7 were completed on August 20, 2008.

The weekly gauging data showed minimal fluctuation in groundwater elevations during this period. The groundwater flow is consistently trending east-southeast at an approximate gradient across the site of 0.0033 feet/foot as measured between monitor wells MW-3 and MW-6 (**Figure 3-C, Appendix A**). The groundwater gradient and flow direction during the 3rd quarter are consistent with the gauging data previously collected. Groundwater gauging data is found on **Table 1, Appendix B**. A hydrocarbon sheen to a measurable PSH thickness of 0.77 ft was observed in monitor well MW-1 during the third quarter. Approximately 20 gallons of total fluids from each well with dissolved phase hydrocarbons and PSH were recovered weekly throughout the third quarter through manual bailing or the use of a submersible pump. These activities resulted in a total fluids recovery of approximately 419 gallons from these monitoring wells during the 3rd quarter. This volume does not include recovery volumes from wells with absorbent socks as it could not be quantified. No measurable PSH was observed in other on-site monitoring wells.

The only constituent detected above NMOCD remediation criteria was benzene at a concentration of 0.662 mg/L in groundwater from monitor well MW-4; located southeast, and hydraulically downgradient of monitor well MW-1 (**Figure 4-C, Appendix A**). The NMOCD Remediation criterion for benzene is 0.01 mg/L. The other BTEX constituents detected at monitor wells MW-4, MW-6 and MW-7 were all below the NMOCD remediation criteria. Analytical results are summarized on **Table 2, Appendix B** and Laboratory analytical reports are presented in **Appendix C**.

2.4 4th Quarter 2008

During 4th quarter 2008, weekly gauging/product recovery was conducted from wells with hydrocarbon sheen. Quarterly sampling and analysis of groundwater from monitor wells MW-2 through MW-7 were completed on November 19, 2008. The weekly gauging data showed minimal fluctuation in groundwater elevations during this period. The groundwater flow is trending southeast at an approximate gradient across the site of 0.0032 feet/foot as measured between monitor wells MW-3 and MW-6 (**Figure 3-D, Appendix A**). This is consistent with previous quarters. Groundwater gauging data are presented in **Table 1, Appendix B**.

Groundwater was sampled on November 19, 2008 from monitor wells MW-2 through MW-6. Monitor well MW-1 was not sampled due to presence of measurable PSH on groundwater. Benzene was detected in groundwater from monitor well MW-4 at a concentration of 0.567 mg/L, exceeding the NMOCD remediation criteria of 0.01 mg/L for benzene. All other BTEX constituent concentrations were below NMOCD remediation criteria. Monitor well MW-7 was not sampled during the fourth quarter 2008 sampling event due to root growth. The benzene concentrations in monitor well MW-4 continue to decrease when compared to previous quarterly analytical results (**Figure 4-D, Appendix A**). Analytical results are summarized on **Table 2, Appendix B**. Laboratory analytical reports are presented in **Appendix C**.

2.5 2008 PSH Recovery Activities

Groundwater gauging and removal activities continued on a weekly basis at the site in 2008. Recovery activities include removing PSH and dissolved phase hydrocarbons by hand bailing, submersible pumps and the use of adsorbent socks in monitor wells MW-1 and MW-4. Based on PSH gauging and recovery data summarized in **Table 4, Appendix B**, approximately 1,491.5 gallons of dissolved phase hydrocarbons and 4.75 gallons of PSH were recovered from the two monitor wells MW-1 and MW-4. A summary of PSH and dissolved phase hydrocarbons recovered on a monthly basis in 2008 is presented in **Table 4 of Appendix B**. The volume of PSH recovered from absorbent socks could not be quantified.

A 1000-gallon poly tank has been placed at the site for the purpose of holding dissolved phase hydrocarbon and any PSH entrained in the groundwater. The tank was placed in a lined, bermed area with secondary containment and was emptied once in 2008 on December 17, 2008. The liquids were transported to a permitted salt water disposal well facility by Key Energy Services.

3.0 CONCLUSIONS

During 2008, weekly gauging and product recovery activities, and quarterly sampling and analysis of groundwater from monitor wells MW-2 through MW-7 were completed. Monitor well MW-1 was sampled only in the 2nd quarter 2008 to meet an NMOCD requirement. In all four quarters of groundwater sampling and analyses, the only constituent found above the NMOCD standard was benzene, in groundwater from monitor well MW-4. All other concentrations of COCs, in the wells sampled, were below NMOCD regulatory criteria. Based on these data, the dissolved phase hydrocarbon plume appears to be diminishing in size since early 2006, when benzene concentrations were present in monitor well MW-7. Natural attenuation is currently the primary process affecting the perimeter of the plume. Furthermore, the removal of PSH and dissolved phase hydrocarbons is reducing the mass of hydrocarbons in the central part of the plume.

During 2008, approximately 1,491.5 gallons of dissolved phase hydrocarbons were recovered from the site. A very small quantity of PSH, approximately five gallons, was recovered in the dissolved phase hydrocarbons removed.

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

4.0 2009 PROPOSED ACTIVITIES

Ongoing groundwater monitoring and sampling, along with PSH and dissolved phase hydrocarbon recovery from monitor wells MW-1 and MW-4, will continue in 2009. The quantity of groundwater removed on a weekly basis will be increased to approximately 30 gallons each, from monitor wells MW-1 and MW-4 or until the fluids removed are free of hydrocarbon odor or visual staining. The dissolved phase plume in the groundwater will be closely monitored through the quarterly groundwater sampling events planned in 2009.

The available data indicates that the hydrocarbon plume at the site is either stable or decreasing. The NMOCD has requested the submission of a Stage 1 & 2 Abatement Plan proposing possible options available to enhance the rate of hydrocarbon degradation at the site. This plan will be prepared and submitted during the second quarter of 2009.

DISTRIBUTION

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Stafford, Texas 77477
281-240-5200
cpatel@premiercorp-usa.com

APPENDIX A

Figures

Figure 1 – Site Location Map

Figure 2 – Site Map

Figure 3A – 1st Quarter 2008 Groundwater Gradient Map
Figure 3B – 2nd Quarter 2008 Groundwater Gradient Map
Figure 3C – 3rd Quarter 2008 Groundwater Gradient Map
Figure 3D – 4th Quarter 2008 Groundwater Gradient Map

Figure 4A – 1st Quarter 2008 Contaminant Concentration Map
Figure 4B – 2nd Quarter 2008 Contaminant Concentration Map
Figure 4C – 3rd Quarter 2008 Contaminant Concentration Map
Figure 4D – 4th Quarter 2008 Contaminant Concentration Map

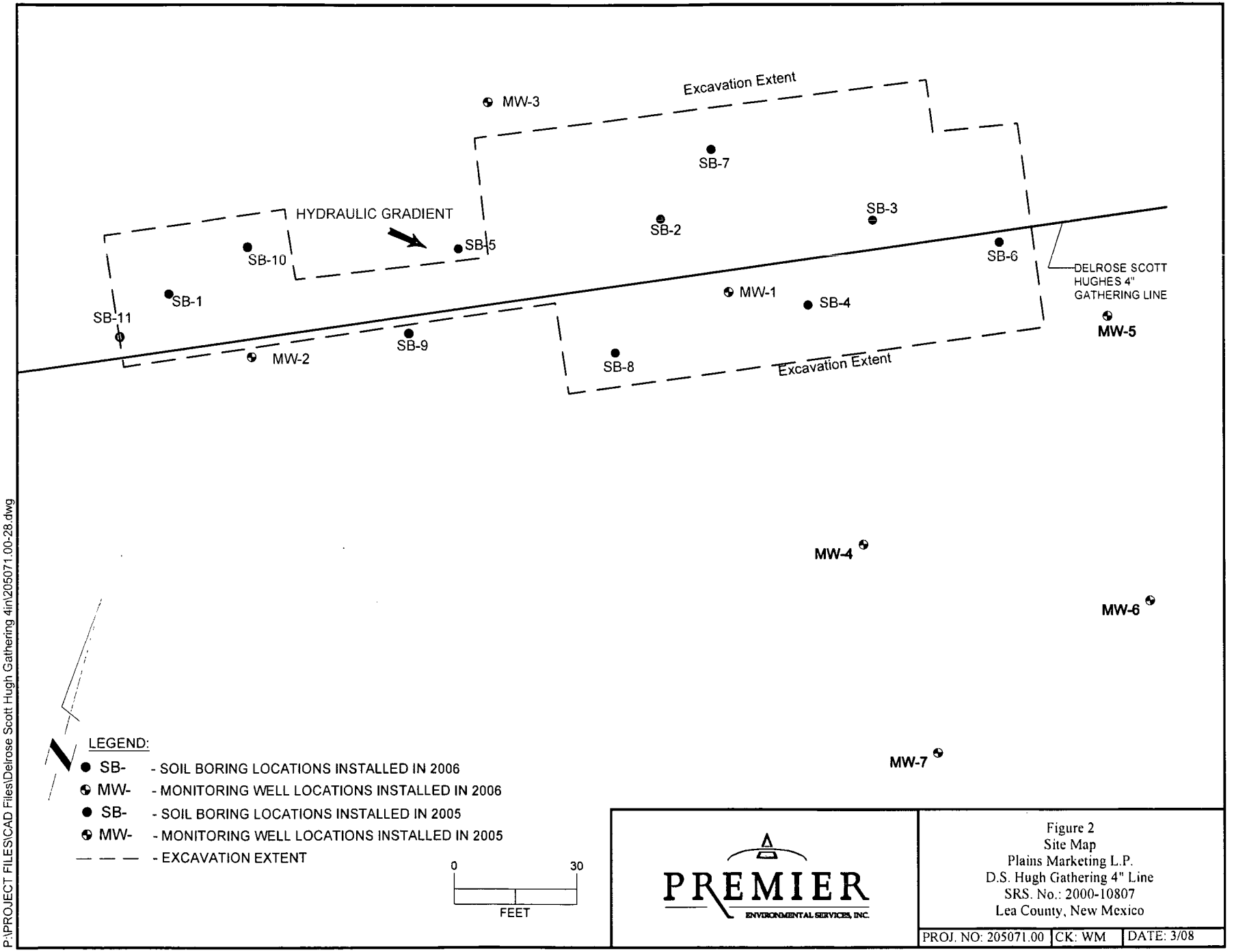
Eunice Quadrangle
32°26'48"N Latitude & 103°08'07"W Longitude

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.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	CK:	DATE: 2/07



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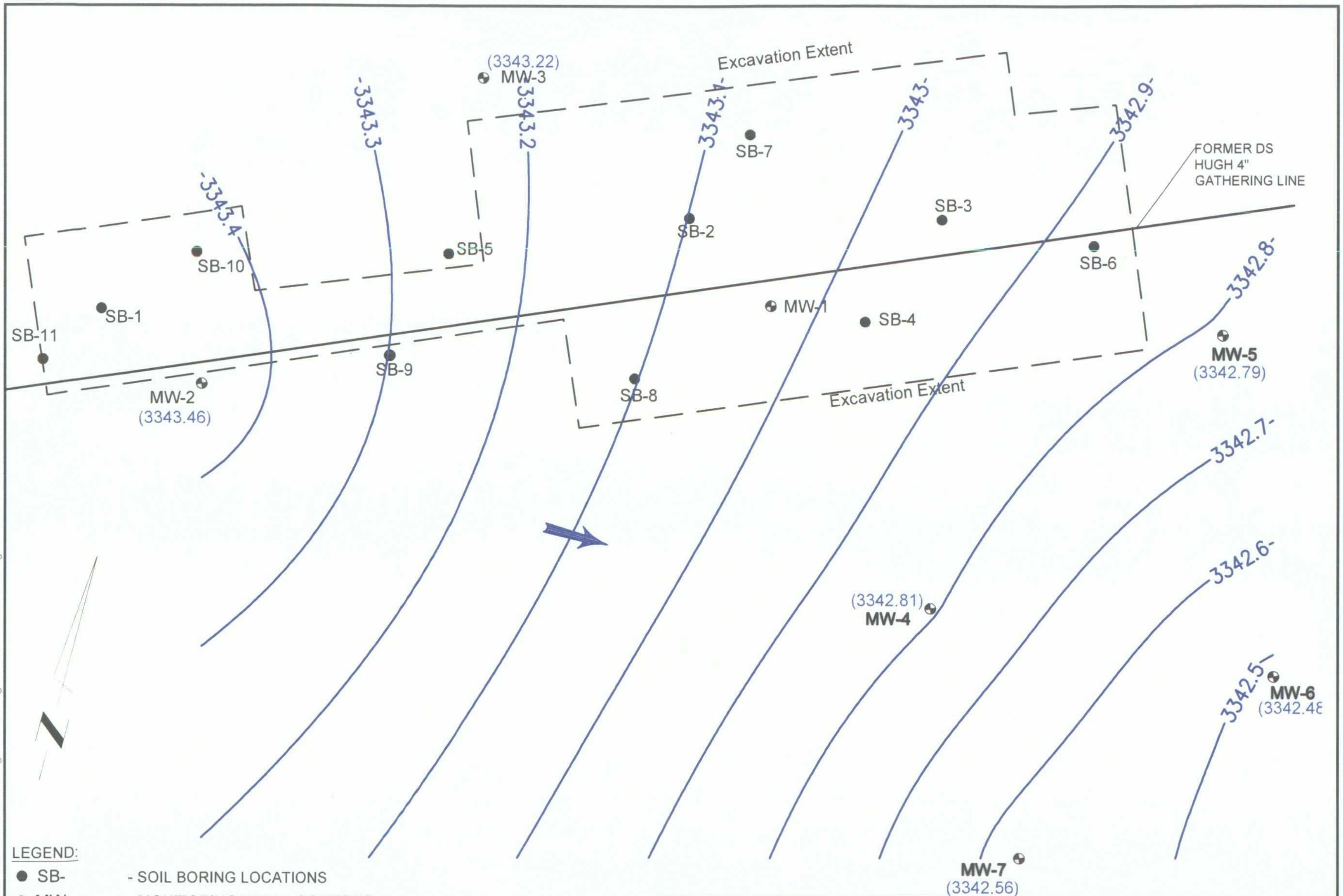
PREMIER ENVIRONMENTAL SERVICES, INC.

Figure 2
Site Map
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	CK: WM	DATE: 3/08



LEGEND:

- ● SB- - SOIL BORING LOCATIONS
- ⊕ MW- - MONITORING WELL LOCATIONS
- — — — - EXCAVATION EXTENT
- (3343.08) - Corrected Ground Water Elevation, ft.
- —3343.0— - Ground Water Elevation Contour, ft. Contour Interval=0.10 ft.
- ➔ - Apparent Ground Water Flow Direction

Note: MW-1 not used to contour due to sock in well.

PREMIER ENVIRONMENTAL SERVICES, INC.

Figure 3-A
1st Quarter 2008 - Groundwater Gradient Map
February 27, 2008
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	CK: WM	DATE: 2/09

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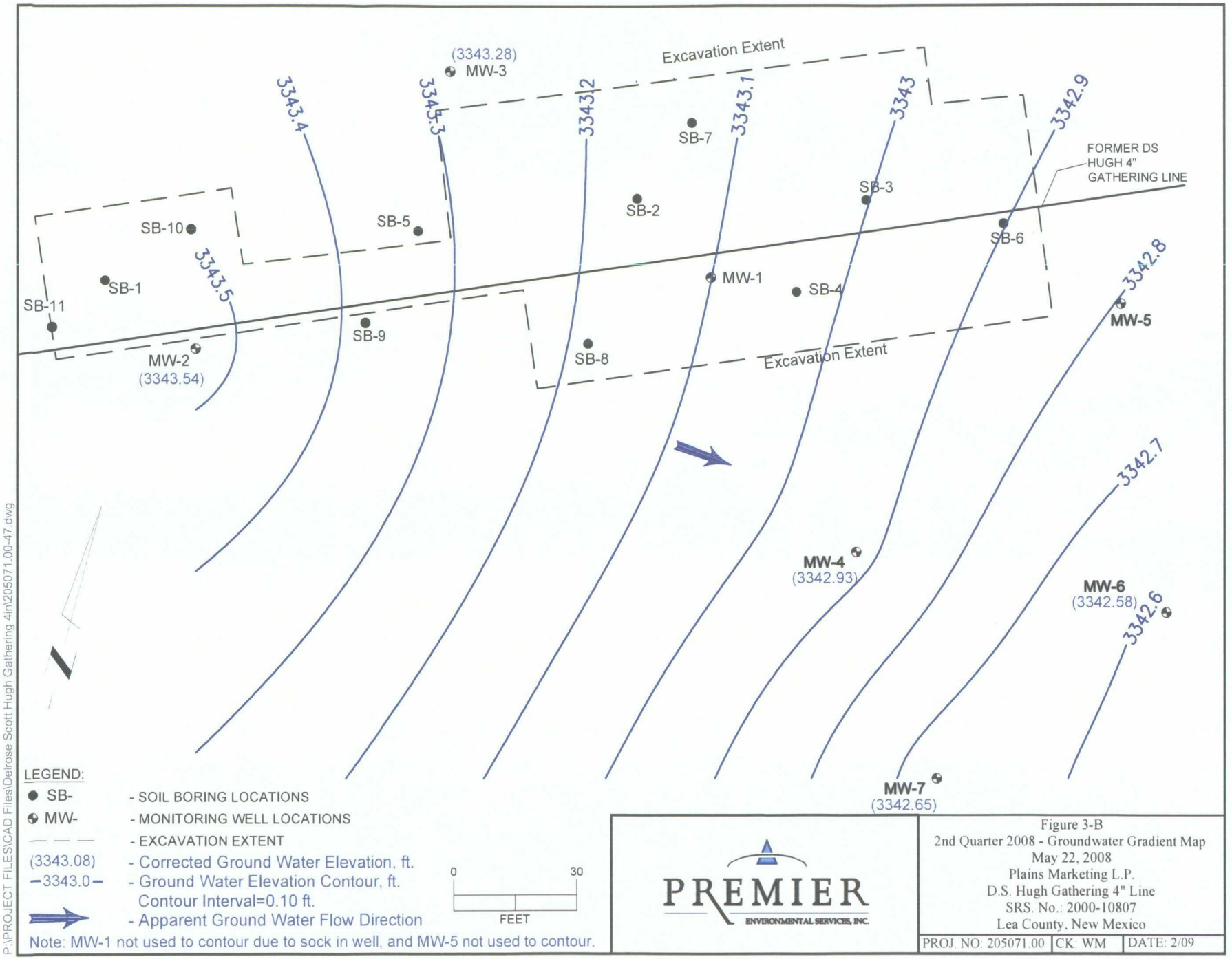
(3343.28)
MW-3
Excavation Extent
3343.4
3343.3
3343.2
3343.1
3343
3342.9
SB-7
FORMER DS
HUGH 4"
GATHERING LINE
SB-3
SB-2
SB-10
SB-5
SB-6
SB-1
MW-1
SB-4
3343.5
3342.8
SB-11
MW-5
SB-9
MW-2
(3343.54)
SB-8
Excavation Extent
3342.7
MW-4
(3342.93)
MW-6
(3342.58)
3342.6
MW-7
(3342.65)
LEGEND:
● SB- - SOIL BORING LOCATIONS
MW- - MONITORING WELL LOCATIONS
- - - EXCAVATION EXTENT
(3343.08) - Corrected Ground Water Elevation, ft.
−3343.0− - Ground Water Elevation Contour, ft.
Contour Interval=0.10 ft.
- Apparent Ground Water Flow Direction
0
30
FEET
Note: MW-1 not used to contour due to sock in well, and MW-5 not used to contour.
PREMIER
ENVIRONMENTAL SERVICES, INC.
Figure 3-B
2nd Quarter 2008 - Groundwater Gradient Map
May 22, 2008
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico
PROJ. NO: 205071.00
CK: WM
DATE: 2/09
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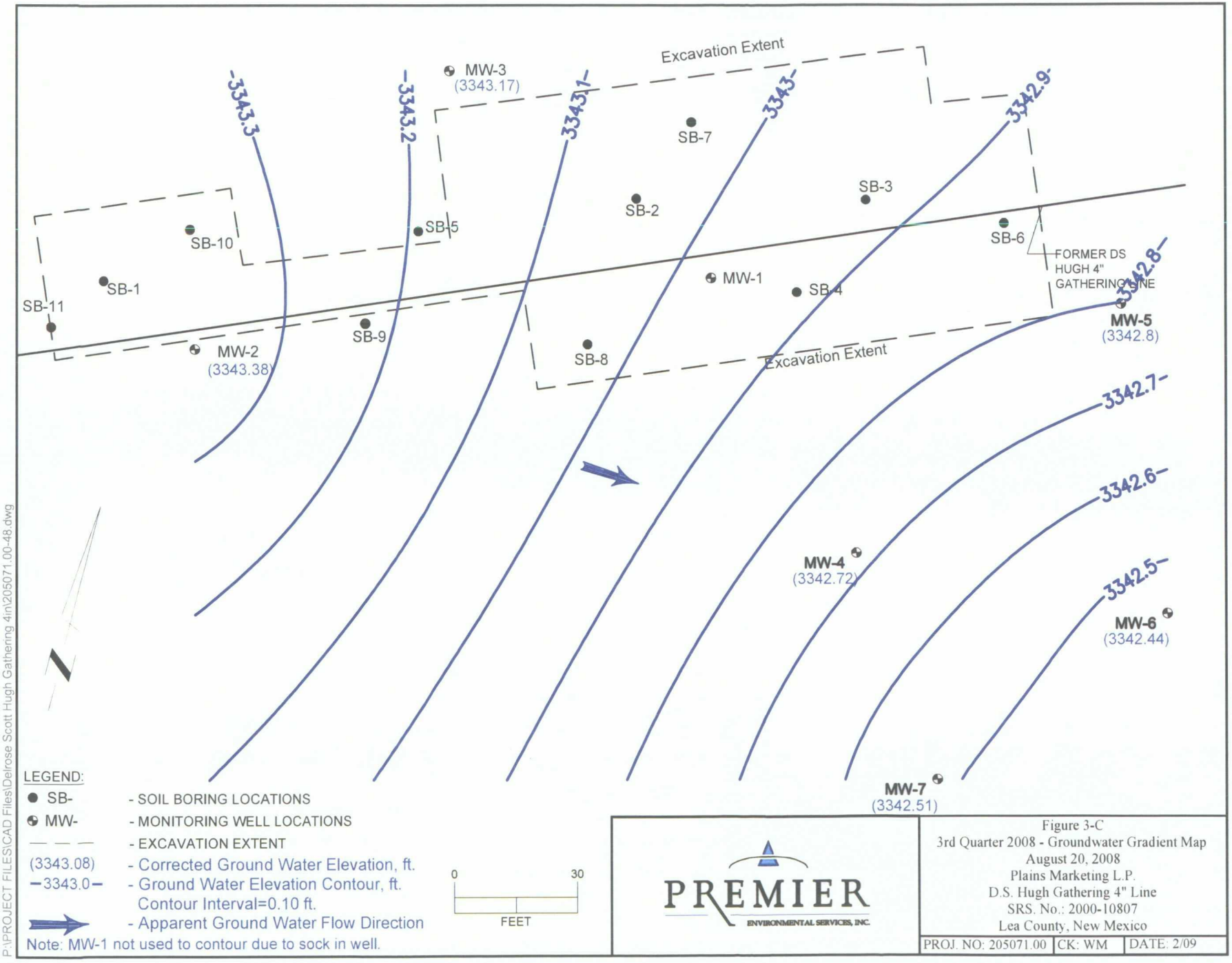
Excavation Extent
MW-3
(3343.17)
-3343.3
-3343.2
3343.1-
3343-
3342.9-
SB-7
SB-3
SB-2
SB-10
SB-5
SB-6
FORMER DS
HUGH 4"
GATHERING LINE
SB-1
MW-1
SB-4
3342.8-
SB-11
MW-5
(3342.8)
SB-9
MW-2
(3343.38)
SB-8
Excavation Extent
3342.7-
3342.6-
MW-4
(3342.72)
3342.5-
MW-6
(3342.44)
MW-7
(3342.51)
LEGEND:
SB- - SOIL BORING LOCATIONS
MW- - MONITORING WELL LOCATIONS
- EXCAVATION EXTENT
(3343.08) - Corrected Ground Water Elevation, ft.
-3343.0- - Ground Water Elevation Contour, ft.
Contour Interval=0.10 ft.
- Apparent Ground Water Flow Direction
Note: MW-1 not used to contour due to sock in well.
0
30
FEET
PREMIER
ENVIRONMENTAL SERVICES, INC.
Figure 3-C
3rd Quarter 2008 - Groundwater Gradient Map
August 20, 2008
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico
PROJ. NO: 205071.00
CK: WM
DATE: 2/09
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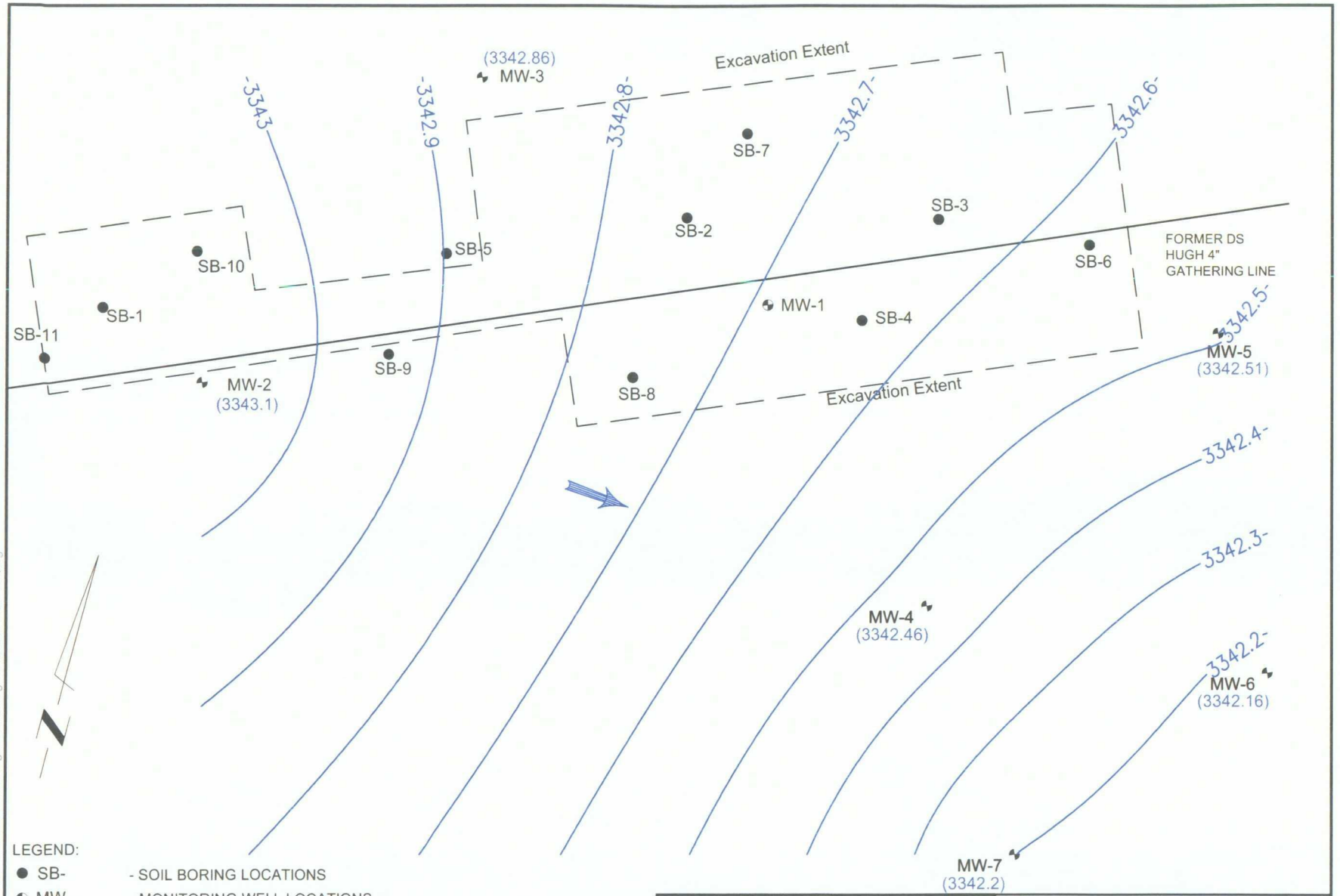
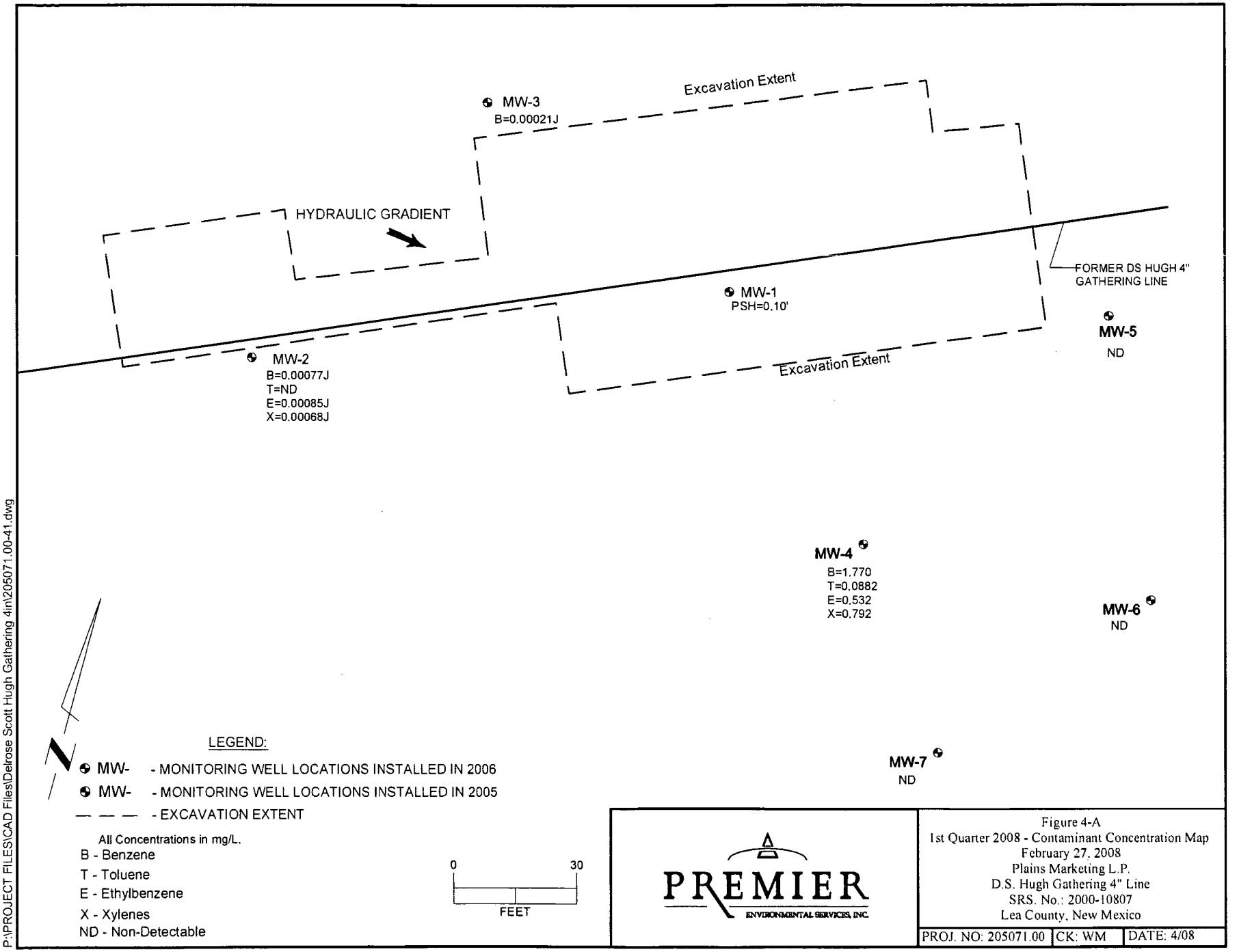
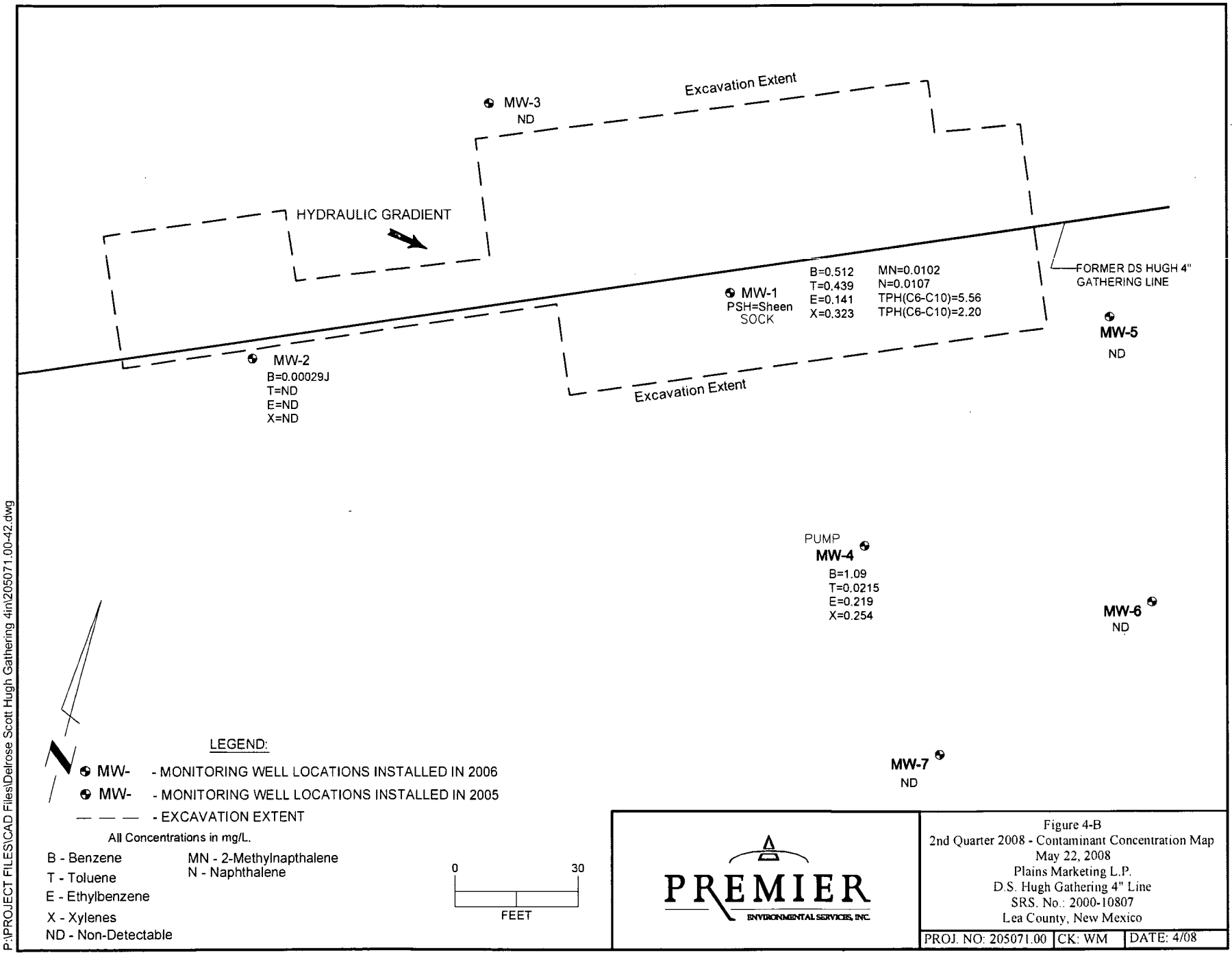

(3342.86)
MW-3
Excavation Extent
-3343
-3342.9
3342.8-
3342.7-
3342.6-
SB-7
SB-3
SB-2
SB-10
SB-5
SB-6
FORMER DS
HUGH 4"
GATHERING LINE
SB-1
MW-1
SB-4
SB-11
3342.5-
MW-5
(3342.51)
SB-9
MW-2
(3343.1)
SB-8
Excavation Extent
3342.4-
3342.3-
MW-4
(3342.46)
3342.2-
MW-6
(3342.16)
MW-7
(3342.2)
LEGEND:
SB- - SOIL BORING LOCATIONS
MW- - MONITORING WELL LOCATIONS
- EXCAVATION EXTENT
(3343.08) - Corrected Ground Water Elevation, ft.
-3343.0- - Ground Water Elevation Contour, ft.
Contour Interval=0.10 ft.
- Apparent Ground Water Flow Direction
Note: MW-1 not used to contour due to sock in well
0
30
FEET
PREMIER
ENVIRONMENTAL SERVICES, INC.
Figure 3-D
4th Quarter 2008 - Groundwater Gradient Map
November 19, 2008
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico
PROJ. NO: 205071.00
CK: WM
DATE: 2/09
P:\PROJECT FILES\CAD Files\Deirose Scott Hugh Gathering 4in\205071 00-49.dwg


Excavation Extent
MW-3
B=0.00021J
HYDRAULIC GRADIENT
FORMER DS HUGH 4" GATHERING LINE
MW-1
PSH=0.10'
MW-5
ND
MW-2
B=0.00077J
T=ND
E=0.00085J
X=0.00068J
Excavation Extent
MW-4
B=1.770
T=0.0882
E=0.532
X=0.792
MW-6
ND
MW-7
ND
LEGEND:
MW- - MONITORING WELL LOCATIONS INSTALLED IN 2006
MW- - MONITORING WELL LOCATIONS INSTALLED IN 2005
- - - - EXCAVATION EXTENT
All Concentrations in mg/L.
B - Benzene
T - Toluene
E - Ethylbenzene
X - Xylenes
ND - Non-Detectable
0
30
FEET
PREMIER
ENVIRONMENTAL SERVICES, INC.
Figure 4-A
1st Quarter 2008 - Contaminant Concentration Map
February 27, 2008
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico
PROJ. NO: 205071.00
CK: WM
DATE: 4/08
P:\PROJECT FILES\CAD Files\Delrose Scott Hugh Gathering 4in\205071.00-41.dwg



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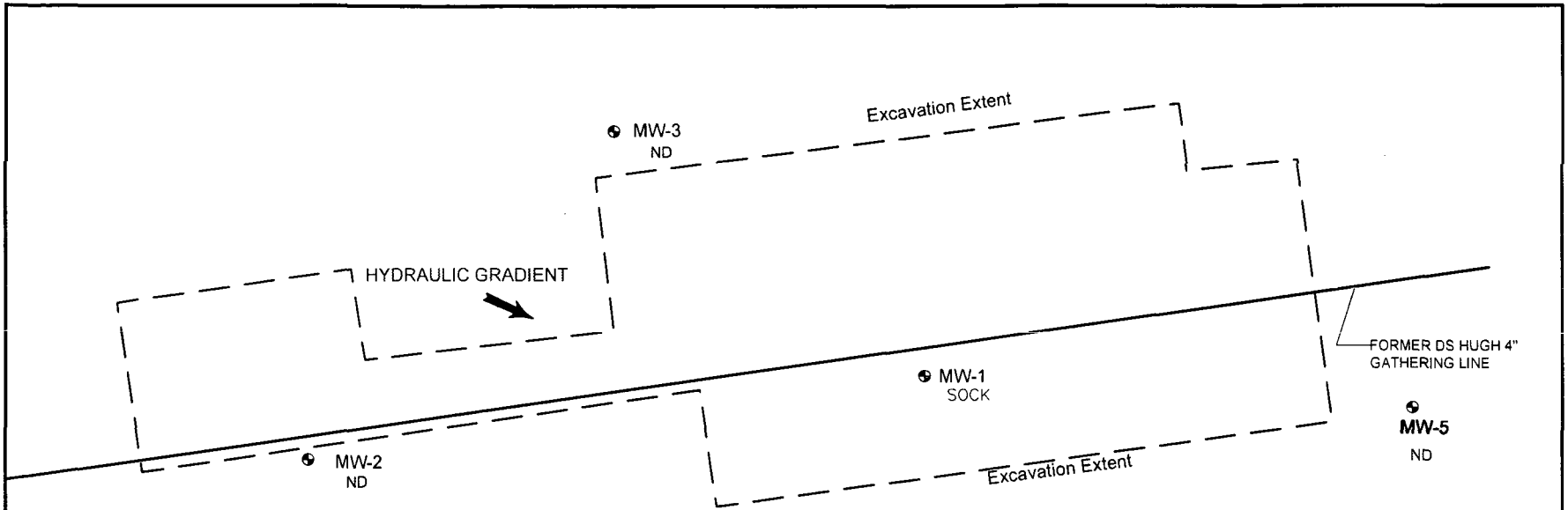
PREMIER ENVIRONMENTAL SERVICES, INC.

Figure 4-B
2nd Quarter 2008 - Contaminant Concentration Map
May 22, 2008
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	CK: WM	DATE: 4/08



PUMP
MW-4
B=0.662
T=0.0161
E=0.207
X=0.249

MW-6
B=0.0065
T=ND
E=0.0037
X=ND

MW-7 B=*0.00086 J*
T=ND
E=0.00054 J
X=ND

LEGEND:

- MW- - MONITORING WELL LOCATIONS INSTALLED IN 2006
- MW- - MONITORING WELL LOCATIONS INSTALLED IN 2005
- — — — - EXCAVATION EXTENT

All Concentrations in mg/L.
B - Benzene
T - Toluene
E - Ethylbenzene
X - Xylenes
ND - Non-Detectable

0 30
FEET

PREMIER ENVIRONMENTAL SERVICES, INC.

Figure 4-C
3rd Quarter 2008 - Contaminant Concentration Map
August 20, 2008
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	CK: WM	DATE: 08/08

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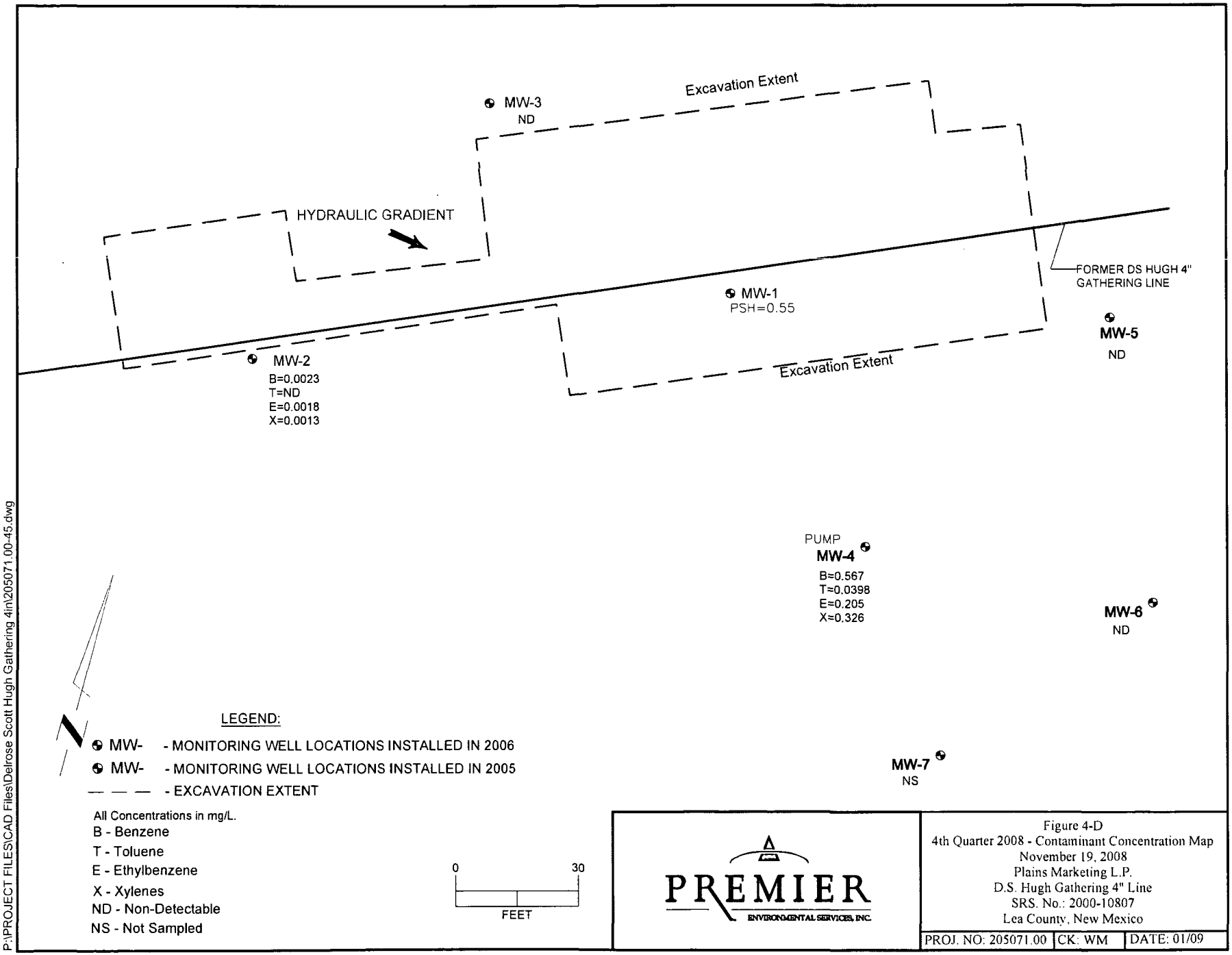

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Figure 4-D
4th Quarter 2008 - Contaminant Concentration Map
November 19, 2008
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	CK: WM	DATE: 01/09

APPENDIX B

Tables

Table 1 – Groundwater Elevation and PSH Gauging Data

Table 2 – Groundwater Sample Analytical Results

Table 3 – Groundwater Analytical Results for Polynuclear Aromatic Hydrocarbons (PAHs) from wells with Sheen/PSH

Table 4 – 2008 Monthly PSH and Dissolved Phase Groundwater Recovery Data

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-1	12/21/05	3389.00	59.82	46.22	46.22	0.00	Installed Sock	NA	NA	3342.78
	12/29/05	3389.00	NG	46.16	46.16	0.00	New Sock	NA	NA	3342.84
	01/05/06	3389.00	NG	46.26	46.26	0.00	Sock	NA	NA	3342.74
	02/09/06	3389.00	NG	45.05	45.05	0.00	Sock	NA	NA	3343.95
	02/22/06	3389.00	NG	46.00	46.00	0.00	Sock	NA	NA	3343.00
	03/28/06	3389.00	NG	45.94	45.94	0.00	Flip Sock	NA	NA	3343.06
	04/13/06	3389.00	NG	45.98	45.98	0.00	Sock	NA	NA	3343.02
	04/25/06	3389.00	NG	45.93	45.93	0.00	Sock	NA	NA	3343.07
	05/03/06	3389.00	NG	45.88	45.88	0.00	Sock	NA	NA	3343.12
	05/11/06	3389.00	NG	45.90	45.90	0.00	Sock	NA	NA	3343.10
	05/24/06	3389.00	NG	45.91	45.91	0.00	Sock	NA	NA	3343.09
	06/07/06	3389.00	NG	45.97	45.97	0.00	Sock	NA	5	3343.03
	06/07/06	3389.00	NG	46.10	46.10	0.00	Sock	After purge	NA	3342.90
	06/15/06	3389.00	NG	45.92	45.92	0.00	Sock	NA	NA	3343.08
	06/29/06	3389.00	NG	46.05	46.05	0.00	Sock	Light	NA	3342.95
	07/11/06	3389.00	NG	46.06	46.06	0.00	Sock	Light	NA	3342.94
	07/25/06	3389.00	NG	46.11	46.11	0.00	Sock	Light	NA	3342.89
	08/09/06	3389.00	59.35	46.22	46.22	0.00	Sock	NA	NA	3342.78
	08/22/06	3389.00	NG	46.30	46.30	0.00	Bailed	0	10	3342.70
	08/22/06	3389.00	NG	46.58	46.58	0.00	New Sock	Light	NA	3342.42
	09/12/06	3389.00	59.55	46.27	46.57	0.30	New Sock	NA	NA	3342.69
	09/19/06	3389.00	NG	46.36	46.50	0.14	Bailed	0.1	9.9	3342.62
	09/19/06	3389.00	NG	46.73	46.73	0.00	New Sock	NA	NA	3342.27
	10/03/06	3389.00	NG	46.32	46.32	0.00	NA	NA	NA	3342.68
	10/03/06	3389.00	NG	46.48	46.48	0.00	Sock	0	10	3342.52
	10/17/06	3389.00	NG	46.34	46.34	0.00	Removed Sock	NA	NA	3342.66
	10/31/06	3389.00	NG	45.93	45.93	0.00	New Sock	NA	NA	3343.07
	11/15/06	3389.00	NG	45.73	45.98	0.25	Bailed	0.5	9.5	3343.23
	11/15/06	3389.00	NG	45.98	45.98	0.00	New Sock	NA	NA	3343.02
	12/06/06	3389.00	NG	44.55	44.80	0.25	New Sock	NA	NA	3344.41
	12/13/06	3389.00	NG	44.51	44.86	0.35	Bailed	0.5	4.5	3344.44
	12/13/06	3389.00	NG	45.22	45.22	0.00	NA	NA	NA	3343.78
	01/03/07	3389.00	NG	45.53	45.60	0.07	New Sock	0	5	3343.46
	01/09/07	3389.00	NG	45.64	45.64	0.00	Bailed	0.25	9.5	3343.36
	01/09/07	3389.00	NG	46.18	46.18	0.00	Sock	NA	NA	3342.82
	01/18/07	3389.00	NG	45.50	45.75	0.25	Bailed	0.25	8.5	3343.46
	01/18/07	3389.00	NG	45.72	45.72	0.00	Removed Sock	NA	NA	3343.28
	01/25/07	3389.00	NG	45.42	45.62	0.20	Bailed	0.25	9.5	3343.55
	01/25/07	3389.00	NG	45.63	45.65	0.02	NA	NA	NA	3343.37
	01/31/07	3389.00	NG	45.35	45.50	0.15	Bailed	Sheen	10	3343.63
	01/31/07	3389.00	NG	45.70	45.70	0.00	NA	NA	NA	3343.30
	02/07/07	3389.00	NG	45.40	45.54	0.14	Bailed	0.1	9.5	3343.58
	02/07/07	3389.00	NG	45.59	45.59	0.00	Installed Sock	NA	NA	3343.41
	02/14/07	3389.00	NG	45.61	45.61	0.00	Bailed	Sheen	10	3343.39
	02/14/07	3389.00	NG	45.61	45.61	0.00	Flip Sock	NA	NA	3343.39
	02/21/07	3389.00	NG	45.58	45.58	0.00	Bailed	Sheen	10	3343.42
	02/21/07	3389.00	NG	45.60	45.60	0.00	Sock	NA	NA	3343.40
	03/07/07	3389.00	NG	45.41	45.56	0.15	Bailed	0.25	10	3343.57
	03/07/07	3389.00	NG	45.53	45.55	0.02	New Sock	NA	NA	3343.47
	03/14/07	3389.00	NG	45.40	45.40	0.00	Bailed	Sheen	10	3343.60
	03/14/07	3389.00	NG	45.58	45.58	0.00	New Sock	NA	NA	3343.42
	03/21/07	3389.00	NG	45.38	45.38	0.00	Bailed	Sheen	10	3343.62
	03/21/07	3389.00	NG	45.50	45.50	0.00	Sock	NA	NA	3343.50
	03/28/07	3389.00	NG	45.38	45.38	0.00	Bailed	Sheen	10	3343.62

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-1	03/28/07	3389.00	NG	45.42	45.42	0.00	Sock	NA	NA	3343.58
	04/10/07	3389.00	NG	45.46	45.46	0.00	Bailed	Sheen	10	3343.54
	04/10/07	3389.00	NG	45.50	45.50	0.00	Sock	NA	NA	3343.50
	04/18/07	3389.00	NG	45.35	45.35	0.00	Bailed	Sheen	10	3343.65
	04/18/07	3389.00	NG	45.50	45.50	0.00	Sock	NA	NA	3343.50
	04/24/07	3389.00	NG	45.38	45.38	0.00	Bailed	Sheen	10	3343.62
	04/24/07	3389.00	NG	45.43	45.43	0.00	Sock	NA	NA	3343.57
	05/03/07	3389.00	NG	45.30	45.30	0.00	Bailed	Sheen	10	3343.70
	05/03/07	3389.00	NG	45.45	45.45	0.00	Flip Sock	NA	NA	3343.55
	05/11/07	3389.00	NG	45.40	45.40	0.00	Bailed	Sheen	10	3343.60
	05/11/07	3389.00	NG	45.75	45.75	0.00	Removed Sock	NA	NA	3343.25
	05/16/07	3389.00	NG	45.36	45.37	0.01	Bailed	Sheen	10	3343.64
	05/16/07	3389.00	NG	45.71	45.71	0.00	Installed Sock	NA	NA	3343.29
	05/23/07	3389.00	NG	45.32	45.32	0.00	Bailed	Sheen	10	3343.68
	05/23/07	3389.00	NG	45.51	45.51	0.00	Sock	NA	NA	3343.49
	05/31/07	3389.00	59.00	45.28	45.28	0.00	New Sock	NA	NA	3343.72
	06/06/07	3389.00	59.00	45.25	45.25	0.00	Bailed	Sheen	10	3343.75
	06/06/07	3389.00	59.00	45.50	45.50	0.00	Sock	NA	NA	3343.50
	07/05/07	3389.00	58.50	45.35	45.35	0.00	Bailed	Sheen	10	3343.65
	07/05/07	3389.00	58.50	45.65	45.65	0.00	New Sock	NA	NA	3343.35
	07/11/07	3389.00	58.50	45.37	45.37	0.00	Bailed	Sheen	10	3343.63
	07/11/07	3389.00	58.50	45.61	45.61	0.00	Sock	NA	NA	3343.39
	07/19/07	3389.00	58.50	45.40	45.40	0.00	Bailed	Sheen	10	3343.60
	07/19/07	3389.00	58.50	45.86	45.86	0.00	Sock	NA	NA	3343.14
	07/24/07	3389.00	58.50	45.47	45.47	0.00	Bailed	Sheen	10	3343.53
	07/24/07	3389.00	58.50	45.91	45.91	0.00	Sock	NA	NA	3343.09
	07/31/07	3389.00	58.51	45.50	45.50	0.00	Bailed	Sheen	10	3343.50
	07/31/07	3389.00	58.51	45.99	45.99	0.00	Sock	NA	NA	3343.01
	08/09/07	3389.00	58.51	45.42	45.42	0.00	Bailed	Sheen	10	3343.58
	08/09/07	3389.00	58.51	45.91	45.91	0.00	New Sock	NA	NA	3343.09
	08/16/07	3389.00	58.51	45.41	45.41	0.00	Bailed	Sheen	10	3343.59
	08/16/07	3389.00	58.51	45.86	45.86	0.00	Sock	NA	NA	3343.14
	08/22/07	3389.00	58.51	45.31	45.31	0.00	Bailed	Sheen	10	3343.69
	08/22/07	3389.00	58.51	45.75	45.75	0.00	Sock	NA	NA	3343.25
	08/28/07	3389.00	58.51	45.44	45.49	0.05	Bailed	Sheen	10	3343.55
	08/28/07	3389.00	58.51	45.75	45.75	0.00	Sock	NA	NA	3343.25
	09/07/07	3389.00	58.55	45.54	45.54	0.00	NA	NA	NA	3343.46
	09/13/07	3389.00	58.55	45.62	45.62	0.00	Bailed	Sheen	10	3343.38
	09/13/07	3389.00	58.55	45.98	45.98	0.00	Sock	NA	NA	3343.02
	09/18/07	3389.00	58.55	45.50	45.50	0.00	Bailed	Sheen	10	3343.50
	09/18/07	3389.00	58.55	45.72	45.72	0.00	Sock	NA	NA	3343.28
	09/26/07	3389.00	58.55	45.51	45.51	0.00	Bailed	Sheen	10	3343.49
	09/26/07	3389.00	58.55	45.76	45.76	0.00	Sock	NA	NA	3343.24
	10/04/07	3389.00	58.55	46.00	46.00	0.00	Bailed	Sheen	9	3343.00
	10/04/07	3389.00	58.55	46.33	46.33	0.00	Sock	NA	NA	3342.67
	10/10/07	3389.00	58.55	46.14	46.14	0.00	Bailed	Sheen	9	3342.86
	10/10/07	3389.00	58.55	46.44	46.44	0.00	Sock	NA	NA	3342.56
	10/17/07	3389.00	58.55	46.15	46.15	0.00	Bailed	Sheen	9	3342.85
	10/17/07	3389.00	58.55	46.32	46.32	0.00	Sock	NA	NA	3342.68
	10/24/07	3389.00	58.55	47.35	47.68	0.33	Bailed	Sheen	40	3341.60
	10/24/07	3389.00	58.55	46.65	46.80	0.15	New Sock	NA	NA	3342.33
	10/31/07	3389.00	58.55	45.52	45.98	0.46	Bailed	0.5	10	3343.41
	10/31/07	3389.00	58.55	46.23	46.23	0.00	New Sock	NA	NA	3342.77

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-1	11/07/07	3389.00	58.55	45.63	46.02	0.39	Bailed	0.5	9	3343.31
	11/07/07	3389.00	58.55	46.10	46.14	0.04	Sock	NA	NA	3342.89
	11/13/07	3389.00	58.55	45.50	45.96	0.46	Sock	NA	NA	3343.43
	11/20/07	3389.00	58.55	45.50	45.96	0.46	Sock	NA	NA	3343.43
	11/20/07	3389.00	58.55	46.17	46.18	0.01	NA	NA	NA	3342.83
	11/27/07	3389.00	58.55	45.90	45.98	0.08	Bailed	0.1	9	3343.09
	11/27/07	3389.00	58.55	46.10	46.10	0.00	Sock	NA	NA	3342.90
	12/05/07	3389.00	58.55	45.50	45.60	0.10	Bailed	0.1	9	3343.49
	12/05/07	3389.00	58.55	46.15	46.15	0.00	New Sock	NA	NA	3342.85
	12/12/07	3389.00	58.55	45.58	45.58	0.00	Bailed	Sheen	9	3343.42
	12/12/07	3389.00	58.55	46.00	46.00	0.00	Sock	NA	NA	3343.00
	12/18/07	3389.00	58.55	45.50	45.63	0.13	Bailed	0.2	9	3343.48
	12/18/07	3389.00	58.55	46.22	46.22	0.00	New Sock	NA	NA	3342.78
	12/28/07	3389.00	58.55	45.62	45.62	0.00	Bailed	Sheen	9	3343.38
	12/28/07	3389.00	58.55	45.98	45.98	0.00	New Sock	NA	NA	3343.02
	01/09/08	3389.00	58.55	45.55	45.70	0.15	New Sock	NA	NA	3343.43
	01/17/08	3389.00	58.55	45.42	45.92	0.50	Bailed	0.5	19.5	3343.51
	01/17/08	3389.00	58.55	45.60	45.60	0.00	New Sock	NA	NA	3343.40
	01/23/08	3389.00	58.55	45.50	45.65	0.15	Bailed	0.25	9	3343.48
	01/23/08	3389.00	58.55	45.75	45.75	0.00	New Sock	NA	NA	3343.25
	01/30/08	3389.00	58.55	45.53	45.55	0.02	Bailed	Sheen	20	3343.47
	01/30/08	3389.00	58.55	46.46	46.46	0.00	Sock	NA	NA	3342.54
	02/06/08	3389.00	58.55	45.60	45.60	0.00	Bailed	Sheen	20	3343.40
	02/06/08	3389.00	58.55	46.25	46.25	0.00	Sock	NA	NA	3342.75
	02/13/08	3389.00	58.55	45.46	45.55	0.09	Bailed	Sheen	20	3343.53
	02/13/08	3389.00	58.55	46.21	46.21	0.00	New Sock	NA	NA	3342.79
	02/19/08	3389.00	58.55	45.50	45.53	0.03	Bailed	Sheen	20	3343.50
	02/19/08	3389.00	58.55	46.43	46.43	0.00	Flip Sock	NA	NA	3342.57
	02/27/08	3389.00	58.55	45.49	45.59	0.10	Bailed	Sheen	20	3343.50
	02/27/08	3389.00	58.55	46.15	46.15	0.00	New Sock	NA	NA	3342.85
	03/04/08	3389.00	58.55	45.50	45.50	0.00	Pump	Sheen	20	3343.50
	03/04/08	3389.00	58.55	46.70	46.70	0.00	New Sock	NA	NA	3342.30
	03/12/08	3389.00	58.55	45.45	45.48	0.03	Pump	Sheen	20	3343.55
	03/12/08	3389.00	58.55	46.70	46.70	0.00	New Sock	NA	NA	3342.30
	03/19/08	3389.00	58.55	45.49	45.50	0.01	Pump	Sheen	20	3343.51
	03/19/08	3389.00	58.55	46.67	46.67	0.00	New Sock	NA	NA	3342.33
	03/26/08	3389.00	58.55	45.49	45.50	0.01	Pump	Sheen	20	3343.51
	03/26/08	3389.00	58.55	46.42	46.42	0.00	Flip Sock	NA	NA	3342.58
	04/02/08	3389.00	58.55	45.45	45.46	0.01	Bailed	Sheen	20	3343.55
	04/02/08	3389.00	58.55	46.32	46.32	0.00	Sock	NA	NA	3342.68
	04/09/08	3389.00	58.55	45.48	45.48	0.00	Pump	Sheen	20	3343.52
	04/09/08	3389.00	58.55	45.50	45.50	0.00	Sock	NA	NA	3343.50
	04/16/08	3389.00	58.55	45.41	45.41	0.00	Pump	Sheen	20	3343.59
	04/16/08	3389.00	58.55	45.66	45.66	0.00	Sock	NA	NA	3343.34
	04/24/08	3389.00	58.55	45.34	45.34	0.00	Pump	Sheen	20	3343.66
	04/24/08	3389.00	58.55	46.00	46.00	0.00	New Sock	NA	NA	3343.00
	04/30/08	3389.00	58.55	45.38	45.38	0.00	Pump	Sheen	20	3343.62
	04/30/08	3389.00	58.55	45.96	45.96	0.00	Flip Sock	NA	NA	3343.04
	05/07/08	3389.00	58.55	45.43	45.43	0.00	Pump	Sheen	20	3343.57
	05/07/08	3389.00	58.55	45.86	45.86	0.00	Sock	NA	NA	3343.14
	05/14/08	3389.00	58.55	45.46	45.48	0.02	Pump	Sheen	20	3343.54
	05/14/08	3389.00	58.55	46.00	46.00	0.00	Sock	NA	NA	3343.00
	05/22/08	3389.00	58.55	45.42	45.42	0.00	Pump	Sheen	26	3343.58
	05/22/08	3389.00	58.55	47.10	47.10	0.00	New Sock	NA	NA	3341.90

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-1	05/29/08	3389.00	58.55	45.41	45.41	0.00	Pump	Sheen	20	3343.59
	05/29/08	3389.00	58.55	45.96	45.96	0.00	Sock	NA	NA	3343.04
	06/04/08	3389.00	58.55	45.43	45.43	0.00	Pump	Sheen	20	3343.57
	06/04/08	3389.00	58.55	46.02	46.02	0.00	Sock	NA	NA	3342.98
	06/11/08	3389.00	58.55	45.48	45.48	0.00	Pump	Sheen	20	3343.52
	06/11/08	3389.00	58.55	45.99	45.99	0.00	Sock	NA	NA	3343.01
	06/18/08	3389.00	58.55	45.52	45.52	0.00	Pump	Sheen	20	3343.48
	06/18/08	3389.00	58.55	46.08	46.08	0.00	Sock	NA	NA	3342.92
	06/26/08	3389.00	58.55	46.12	46.12	0.00	bailed	0.00	10	3342.88
	06/26/08	3389.00	58.55	47.12	47.12	0.00	Sock	NA	NA	3341.88
	07/07/08	3389.00	58.55	46.00	46.00	0.00	Pump	Sheen	20	3343.00
	07/07/08	3389.00	58.55	46.12	46.12	0.00	New Sock	NA	NA	3342.88
	07/16/08	3389.00	58.55	45.51	45.56	0.05	Pump	Sheen	20	3343.48
	07/16/08	3389.00	58.55	46.21	46.21	0.00	Sock	NA	NA	3342.79
	07/21/08	3389.00	58.55	45.36	45.60	0.24	Pump	Sheen	20	3343.60
	07/21/08	3389.00	58.55	46.18	46.18	0.00	Sock	NA	NA	3342.82
	07/29/08	3389.00	58.55	45.59	45.63	0.04	Pump	Sheen	20	3343.40
	07/29/08	3389.00	58.55	46.28	46.28	0.00	Sock	NA	NA	3342.72
	08/06/08	3389.00	58.55	45.50	45.66	0.16	New Sock	NA	NA	3343.48
	08/13/08	3389.00	58.55	45.53	45.60	0.07	Pump	Sheen	20	3343.46
	08/13/08	3389.00	58.55	46.36	46.36	0.00	Sock	NA	NA	3342.64
	08/20/08	3389.00	58.55	45.50	45.88	0.38	Sock	NA	NA	3343.44
	08/27/08	3389.00	58.55	45.58	45.99	0.41	Pump	NA	20	3343.36
	08/27/08	3389.00	58.55	46.32	46.32	0.00	Sock	NA	NA	3342.68
	09/02/08	3389.00	58.55	45.68	45.79	0.11	Pump	NA	20	3343.30
	09/02/08	3389.00	58.55	46.21	46.21	0.00	Sock	NA	NA	3342.79
	09/09/08	3389.00	58.55	45.73	45.85	0.12	Pump	NA	20	3343.25
	09/09/08	3389.00	58.55	46.42	46.42	0.00	Sock	NA	NA	3342.58
	09/17/08	3389.00	58.55	45.73	46.18	0.45	Pump	0.50	19.5	3343.20
	09/17/08	3389.00	58.55	46.45	46.45	0.00	Sock	NA	NA	3342.55
	09/24/08	3389.00	58.55	45.73	46.50	0.77	Pump	0.50	19.5	3343.15
	09/24/08	3389.00	58.55	46.50	46.50	0.00	Sock	NA	NA	3342.50
	10/01/08	3389.00	58.55	45.80	46.67	0.87	Pump	1.00	19	3343.07
	10/01/08	3389.00	58.55	46.50	46.50	0.00	Sock	NA	NA	3342.50
	10/08/08	3389.00	58.55	45.60	46.52	0.92	Pump	1.00	19	3343.26
	10/08/08	3389.00	58.55	46.85	46.85	0.00	Sock	NA	NA	3342.15
	11/05/08	3389.00	58.55	45.80	45.93	0.13	Pump	0.50	19.5	3343.18
	11/05/08	3389.00	58.55	46.21	46.21	0.00	Sock	NA	NA	3342.79
	11/12/08	3389.00	58.55	45.73	45.97	0.24	Pump	0.50	9.5	3343.23
	11/12/08	3389.00	58.55	45.76	45.81	0.05	Sock	NA	NA	3343.23
	11/19/08	3389.00	58.55	45.70	46.25	0.55	Sock	NA	NA	3343.22
	11/26/08	3389.00	58.55	45.79	45.89	0.10	pump	0.25	13.75	3343.20
	11/26/08	3389.00	58.55	45.79	45.84	0.05	Sock	NA	NA	3343.20
	12/03/08	3389.00	58.55	45.85	45.95	0.10	Pump	0.25	11.75	3343.14
	12/03/08	3389.00	58.55	45.87	45.87	0.00	Sock	NA	NA	3343.13
	12/10/08	3389.00	58.55	45.88	45.88	0.00	Sock	NA	NA	3343.12
	12/17/08	3389.00	58.55	45.84	45.84	0.00	Sock	NA	NA	3343.16
	12/17/08	3389.00	58.55	45.92	45.92	0.00	Sock	0.00	10	3343.08
	12/21/08	3389.00	58.55	45.86	46.03	0.17	Sock	0.50	29.5	3343.11
	12/21/08	3389.00	58.55	45.65	45.65	0.00	Sock	NA	NA	3343.35
	12/31/08	3389.00	58.55	45.87	45.97	0.10	Sock	0.25	9.75	3343.12
	12/31/08	3389.00	58.55	45.89	45.89	0.00	Sock	NA	NA	3343.11

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-2	12/21/05	3388.28	59.34	NA	45.23	ND	NA	NA	NA	3343.05
	12/29/05	3388.28	NG	NA	45.15	ND	NA	NA	NA	3343.13
	01/05/06	3388.28	NG	NA	45.25	ND	NA	NA	NA	3343.03
	02/09/06	3388.28	NG	NA	45.02	ND	NA	NA	NA	3343.26
	02/22/06	3388.28	NG	NA	45.00	ND	NA	NA	NA	3343.28
	03/28/06	3388.28	59.33	NA	44.90	ND	NA	NA	NA	3343.38
	04/13/06	3388.28	NG	NA	44.95	ND	NA	NA	NA	3343.33
	04/25/06	3388.28	NG	NA	44.93	ND	NA	NA	NA	3343.35
	05/03/06	3388.28	NG	NA	44.88	ND	NA	NA	NA	3343.40
	05/11/06	3388.38	NG	NA	44.96	ND	NA	NA	NA	3343.42
	05/24/06	3388.38	NG	NA	44.92	ND	NA	NA	NA	3343.46
	06/07/06	3388.38	NG	NA	44.91	ND	NA	NA	NA	3343.47
	06/15/06	3388.38	NG	NA	44.92	ND	NA	NA	NA	3343.46
	06/29/06	3388.38	NG	NA	45.02	ND	NA	NA	NA	3343.36
	07/11/06	3388.38	NG	NA	45.05	ND	NA	NA	NA	3343.33
	07/25/06	3388.38	NG	NA	45.13	ND	NA	NA	NA	3343.25
	08/09/06	3388.38	59.33	NA	45.19	ND	NA	NA	NA	3343.19
	08/22/06	3388.38	NG	NA	45.27	ND	NA	NA	NA	3343.11
	09/12/06	3388.38	59.30	NA	45.30	ND	NA	NA	NA	3343.08
	09/19/06	3388.38	59.30	NA	45.33	ND	NA	NA	NA	3343.05
	10/03/06	3388.38	59.30	NA	45.32	ND	NA	NA	NA	3343.06
	10/17/06	3388.38	NG	NA	45.25	ND	NA	NA	NA	3343.13
	10/31/06	3388.38	NG	NA	45.61	ND	NA	NA	NA	3342.77
	11/15/06	3388.38	NG	NA	45.18	ND	NA	NA	NA	3343.20
	12/06/06	3388.38	59.33	NA	45.05	ND	NA	NA	NA	3343.33
	12/13/06	3388.38	NG	NA	45.36	ND	NA	NA	NA	3343.02
	01/03/07	3388.38	NG	NA	44.95	ND	NA	NA	NA	3343.43
	01/09/07	3388.38	NG	NA	45.00	ND	NA	NA	NA	3343.38
	01/18/07	3388.38	NG	NA	44.92	ND	NA	NA	NA	3343.46
	01/25/07	3388.38	NG	NA	44.91	ND	NA	NA	NA	3343.47
	01/31/07	3388.38	NG	NA	44.84	ND	NA	NA	NA	3343.54
	02/07/07	3388.38	NG	NA	44.86	ND	NA	NA	NA	3343.52
	02/14/07	3388.38	NG	NA	44.88	ND	NA	NA	NA	3343.50
	03/01/07	3388.38	59.33	NA	44.82	ND	NA	NA	NA	3343.56
	05/03/07	3388.38	59.33	NA	44.70	ND	NA	NA	NA	3343.68
	05/31/07	3388.38	59.33	NA	44.70	ND	NA	NA	NA	3343.68
	06/06/07	3388.38	59.37	NA	44.67	ND	NA	NA	NA	3343.71
	07/05/07	3388.38	59.26	NA	44.77	ND	NA	NA	NA	3343.61
	07/31/07	3388.38	59.25	NA	44.51	ND	NA	NA	NA	3343.87
	09/07/07	3388.38	59.37	NA	44.88	ND	NA	NA	NA	3343.50
	10/04/07	3388.38	59.37	NA	44.95	ND	NA	NA	NA	3343.43
	11/13/07	3388.38	59.36	NA	44.95	ND	NA	NA	NA	3343.43
	12/05/07	3388.38	59.36	NA	44.94	ND	NA	NA	NA	3343.44
	01/09/08	3388.38	59.33	NA	44.96	ND	NA	NA	NA	3343.42
	02/06/08	3388.38	59.33	NA	44.96	ND	NA	NA	NA	3343.42
	02/27/08	3388.38	59.28	NA	44.92	ND	NA	NA	NA	3343.46
	04/02/08	3388.38	59.28	NA	44.81	ND	NA	NA	NA	3343.57
	05/22/08	3388.38	59.28	NA	44.84	ND	NA	NA	NA	3343.54
	06/26/08	3388.38	59.28	NA	44.97	ND	NA	NA	NA	3343.41
	07/07/08	3388.38	59.28	NA	44.94	ND	NA	NA	NA	3343.44
	08/20/08	3388.38	59.33	NA	45.00	ND	NA	NA	NA	3343.38
	10/15/08	3388.38	59.33	NA	45.42	ND	NA	NA	NA	3342.96
	11/19/08	3388.38	59.33	NA	45.28	ND	NA	NA	NA	3343.10
	12/21/08	3388.38	59.33	NA	45.38	ND	NA	NA	NA	3343.00

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
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D. S. Hugh Site
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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-3	12/21/05	3388.62	59.69	NA	45.57	ND	NA	NA	NA	3343.05
	12/29/05	3388.62	NG	NA	45.52	ND	NA	NA	NA	3343.10
	01/05/06	3388.62	NG	NA	45.60	ND	NA	NA	NA	3343.02
	02/09/06	3388.62	NG	NA	45.41	ND	NA	NA	NA	3343.21
	02/22/06	3388.62	NG	NA	45.33	ND	NA	NA	NA	3343.29
	03/28/06	3388.62	59.70	NA	45.23	ND	NA	NA	NA	3343.39
	04/13/06	3388.52	NG	NA	45.31	ND	NA	NA	NA	3343.21
	04/25/06	3388.52	NG	NA	45.30	ND	NA	NA	NA	3343.22
	05/03/06	3388.52	NG	NA	45.23	ND	NA	NA	NA	3343.29
	05/11/06	3388.52	NG	NA	45.36	ND	NA	NA	NA	3343.16
	05/24/06	3388.52	NG	NA	45.28	ND	NA	NA	NA	3343.24
	06/07/06	3388.52	NG	NA	45.28	ND	NA	NA	NA	3343.24
	6/15/006	3388.52	NG	NA	45.30	ND	NA	NA	NA	3343.22
	06/29/06	3388.52	NG	NA	45.39	ND	NA	NA	NA	3343.13
	07/11/06	3388.52	NG	NA	45.41	ND	NA	NA	NA	3343.11
	07/25/06	3388.52	NG	NA	45.50	ND	NA	NA	NA	3343.02
	08/09/06	3388.52	59.70	NA	45.57	ND	NA	NA	NA	3342.95
	08/22/06	3388.52	NG	NA	45.63	ND	NA	NA	NA	3342.89
	09/12/06	3388.52	59.68	NA	45.65	ND	NA	NA	NA	3342.87
	09/19/06	3388.52	NG	NA	45.69	ND	NA	NA	NA	3342.83
	10/03/06	3388.52	NG	NA	45.67	ND	NA	NA	NA	3342.85
	10/17/06	3388.52	NG	NA	45.62	ND	NA	NA	NA	3342.90
	10/31/06	3388.52	NG	NA	45.23	ND	NA	NA	NA	3343.29
	11/15/06	3388.52	NG	NA	45.57	ND	NA	NA	NA	3342.95
	12/06/06	3388.52	59.62	NA	45.45	ND	NA	NA	NA	3343.07
	12/13/06	3388.52	NG	NA	45.73	ND	NA	NA	NA	3342.79
	01/03/07	3388.52	NG	NA	45.32	ND	NA	NA	NA	3343.20
	01/09/07	3388.52	NG	NA	45.36	ND	NA	NA	NA	3343.16
	01/18/07	3388.52	NG	NA	45.29	ND	NA	NA	NA	3343.23
	01/25/07	3388.52	NG	NA	45.28	ND	NA	NA	NA	3343.24
	01/31/07	3388.52	NG	NA	45.20	ND	NA	NA	NA	3343.32
	02/07/07	3388.52	NG	NA	45.24	ND	NA	NA	NA	3343.28
	02/14/07	3388.52	NG	NA	45.27	ND	NA	NA	NA	3343.25
	03/01/07	3388.52	59.67	NA	45.20	ND	NA	NA	NA	3343.32
	05/03/07	3388.52	59.67	NA	45.08	ND	NA	NA	NA	3343.44
	05/31/07	3388.52	59.70	NA	45.10	ND	NA	NA	NA	3343.42
	06/06/07	3388.52	59.70	NA	45.08	ND	NA	NA	NA	3343.44
	07/05/07	3388.52	59.71	NA	45.19	ND	NA	NA	NA	3343.33
	07/31/07	3388.52	59.71	NA	45.21	ND	NA	NA	NA	3343.31
	09/06/07	3388.52	59.70	NA	45.42	ND	NA	NA	NA	3343.10
	10/04/07	3388.52	59.70	NA	45.37	ND	NA	NA	NA	3343.15
	11/13/07	3388.52	59.70	NA	45.38	ND	NA	NA	NA	3343.14
	12/05/07	3388.52	59.70	NA	45.34	ND	NA	NA	NA	3343.18
	01/09/08	3388.52	59.65	NA	45.34	ND	NA	NA	NA	3343.18
	02/06/08	3388.52	59.65	NA	45.35	ND	NA	NA	NA	3343.17
	02/27/08	3388.52	59.68	NA	45.30	ND	NA	NA	NA	3343.22
	04/02/08	3388.52	59.68	NA	45.28	ND	NA	NA	NA	3343.24
	05/22/08	3388.52	59.68	NA	45.24	ND	NA	NA	NA	3343.28
	06/26/08	3388.52	59.68	NA	45.32	ND	NA	NA	NA	3343.20
	07/07/08	3388.52	59.68	NA	45.72	ND	NA	NA	NA	3342.80
	08/20/08	3388.52	59.70	NA	45.35	ND	NA	NA	NA	3343.17
	10/15/08	3388.52	59.72	NA	45.82	ND	NA	NA	NA	3342.70
	11/19/08	3388.52	59.72	NA	45.66	ND	NA	NA	NA	3342.86
	12/21/08	3388.52	59.72	NA	45.75	ND	NA	NA	NA	3342.77

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-4	03/21/06	3388.92	59.80	NA	46.12	ND	NA	NA	NA	3342.80
	03/28/06	3388.92	59.06	NA	46.03	ND	NA	NA	NA	3342.89
	04/13/06	3388.92	NG	NA	46.08	ND	NA	NA	NA	3342.84
	04/25/06	3388.92	NG	NA	46.01	ND	NA	NA	NA	3342.91
	05/03/06	3388.92	59.05	NA	46.01	ND	NA	7	NA	3342.91
	05/03/06	3388.92	NG	NA	46.01	ND	NA	After Purge	NA	3342.91
	05/11/06	3388.92	NG	NA	46.07	ND	NA	NA	NA	3342.85
	05/24/06	3388.92	NG	NA	46.05	ND	NA	NA	NA	3342.87
	06/07/06	3388.92	NG	NA	46.03	ND	NA	NA	NA	3342.89
	06/15/06	3388.92	NG	NA	46.05	ND	NA	NA	NA	3342.87
	06/29/06	3388.92	NG	NA	46.15	ND	NA	NA	NA	3342.77
	07/11/06	3388.92	NG	NA	46.18	ND	NA	NA	NA	3342.74
	07/25/06	3388.92	NG	NA	46.24	ND	NA	NA	NA	3342.68
	08/09/06	3388.92	59.01	NA	46.33	ND	NA	NA	NA	3342.59
	08/22/06	3388.92	NG	NA	46.37	ND	NA	NA	NA	3342.55
	09/12/06	3388.92	59.01	NA	46.41	ND	NA	NA	NA	3342.51
	09/19/06	3388.92	59.01	NA	46.46	ND	NA	NA	NA	3342.46
	10/03/06	3388.92	59.01	NA	46.45	ND	NA	NA	NA	3342.47
	10/17/06	3388.92	NG	NA	46.38	ND	NA	NA	NA	3342.54
	10/31/06	3388.92	NG	NA	46.36	ND	NA	NA	NA	3342.56
	11/15/06	3388.92	NG	NA	46.78	ND	NA	NA	NA	3342.14
	12/06/06	3388.92	58.92	NA	46.25	ND	NA	NA	NA	3342.67
	12/13/06	3388.92	NG	NA	46.51	ND	NA	NA	NA	3342.41
	01/03/07	3388.92	NG	NA	46.06	ND	NA	NA	NA	3342.86
	01/09/07	3388.92	NG	NA	46.18	ND	NA	NA	NA	3342.74
	01/18/07	3388.92	NG	NA	46.10	ND	Bailed	NA	10	3342.82
	01/18/07	3388.92	NG	NA	46.15	ND	Bailed	NA	10	3342.77
	01/18/07	3388.92	NG	NA	46.10	ND	NA	NA	NA	3342.82
	01/25/07	3388.92	NG	NA	46.06	ND	NA	NA	NA	3342.86
	01/31/07	3388.92	NG	NA	45.98	ND	NA	NA	NA	3342.94
	02/07/07	3388.92	NG	NA	46.43	ND	NA	NA	NA	3342.49
	02/14/07	3388.92	NG	NA	46.46	ND	NA	NA	NA	3342.46
	03/01/07	3388.92	58.95	NA	45.98	ND	NA	NA	NA	3342.94
	05/03/07	3388.92	58.95	NA	45.90	ND	NA	NA	NA	3343.02
	05/31/07	3388.92	58.96	NA	45.92	ND	NA	NA	NA	3343.00
	06/06/04	3388.92	58.95	NA	45.88	ND	NA	NA	NA	3343.04
	07/05/07	3388.92	58.94	NA	45.98	ND	NA	NA	NA	3342.94
	07/31/07	3388.92	58.95	NA	46.00	ND	NA	NA	NA	3342.92
	09/07/07	3388.92	58.95	NA	46.10	ND	NA	NA	NA	3342.82
	09/13/07	3388.92	58.95	NA	46.27	ND	NA	100	100	3342.65
	09/13/07	3388.92	58.95	NA	46.88	ND	Pump	NA	NA	3342.04
	09/18/07	3388.92	58.95	NA	46.11	ND	Bailed	NA	50	3342.81
	09/18/07	3388.92	58.95	NA	46.60	ND	NA	NA	NA	3342.32
	09/26/07	3388.92	58.95	NA	46.16	ND	NA	NA	50	3342.76
	09/26/07	3388.92	58.95	NA	46.73	ND	Pump	NA	NA	3342.19
	10/04/07	3388.92	58.95	NA	46.15	ND	NA	NA	50	3342.77
	10/04/07	3388.92	58.93	NA	46.99	ND	Pump	NA	NA	3341.93
	10/10/07	3388.92	58.95	NA	46.21	ND	NA	NA	50	3342.71
	10/10/07	3388.92	58.93	NA	46.92	ND	Pump	NA	NA	3342.00
	10/17/07	3388.92	58.95	NA	46.20	ND	NA	NA	50	3342.72
	10/17/07	3388.92	58.93	NA	46.74	ND	Pump	NA	NA	3342.18
	10/24/07	3388.92	58.95	NA	45.25	ND	NA	NA	50	3343.67
	10/24/07	3388.92	58.93	NA	45.30	ND	Pump	NA	NA	3343.62
	11/07/07	3388.92	58.95	NA	46.27	ND	NA	NA	50	3342.65
	11/07/07	3388.92	58.93	NA	46.30	ND	Pump	NA	NA	3342.62

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-4	11/13/07	3388.92	58.93	NA	46.20	ND	NA	NA	NA	3342.72
	12/05/07	3388.92	58.93	NA	46.15	ND	NA	NA	NA	3342.77
	01/09/08	3388.92	58.90	NA	46.12	ND	NA	NA	NA	3342.80
	02/06/08	3388.92	58.90	NA	46.16	ND	NA	NA	20	3342.76
	02/06/08	3388.92	58.90	NA	46.16	ND	Pump	NA	NA	3342.76
	02/13/08	3388.92	58.90	NA	46.11	ND	NA	NA	20	3342.81
	02/13/08	3388.92	58.90	NA	46.11	ND	Pump	NA	NA	3342.81
	02/19/08	3388.92	58.90	NA	46.11	ND	NA	NA	20	3342.81
	02/19/08	3388.92	58.90	NA	46.13	ND	Pump	NA	NA	3342.79
	02/27/08	3388.92	59.92	NA	46.11	ND	NA	NA	20	3342.81
	02/27/08	3388.92	58.90	NA	46.14	ND	Pump	NA	NA	3342.78
	03/04/08	3388.92	59.92	NA	46.10	ND	NA	NA	20	3342.82
	03/04/08	3388.92	58.90	NA	46.13	ND	Pump	NA	NA	3342.79
	03/12/08	3388.92	59.92	NA	46.08	ND	NA	NA	20	3342.84
	03/12/08	3388.92	58.90	NA	46.10	ND	Pump	NA	NA	3342.82
	03/19/08	3388.92	59.92	NA	46.11	ND	NA	NA	20	3342.81
	03/19/08	3388.92	58.90	NA	46.12	ND	Pump	NA	NA	3342.80
	03/26/08	3388.92	59.92	NA	46.05	ND	NA	NA	20	3342.87
	03/26/08	3388.92	58.90	NA	46.07	ND	Pump	NA	NA	3342.85
	04/02/08	3388.92	59.92	NA	46.07	ND	NA	NA	20	3342.85
	04/02/08	3388.92	58.90	NA	46.03	ND	Pump	NA	NA	3342.89
	04/09/08	3388.92	59.92	NA	45.99	ND	NA	NA	20	3342.93
	04/09/08	3388.92	58.90	NA	45.96	ND	Pump	NA	NA	3342.96
	04/16/08	3388.92	59.92	NA	45.98	ND	NA	NA	20	3342.94
	04/16/08	3388.92	58.90	NA	45.96	ND	Pump	NA	NA	3342.96
	04/24/08	3388.92	58.90	NA	45.96	ND	NA	NA	NA	3342.96
	04/30/08	3388.92	58.90	NA	45.93	ND	NA	NA	20	3342.99
	04/30/08	3388.92	58.90	NA	45.95	ND	Pump	NA	NA	3342.97
	05/07/08	3388.92	58.90	NA	45.94	ND	NA	NA	20	3342.98
	05/07/08	3388.92	58.90	NA	45.94	ND	Pump	NA	NA	3342.98
	05/14/08	3388.92	58.90	NA	45.95	ND	NA	NA	20	3342.97
	05/14/08	3388.92	58.90	NA	45.96	ND	Pump	NA	NA	3342.96
	05/22/08	3388.92	58.90	NA	45.99	ND	NA	NA	20	3342.93
	05/22/08	3388.92	58.90	NA	45.99	ND	Pump	NA	NA	3342.93
	05/29/08	3388.92	58.90	NA	46.00	ND	NA	NA	20	3342.92
	05/29/08	3388.92	58.90	NA	46.01	ND	Pump	NA	NA	3342.91
	06/04/08	3388.92	58.90	NA	46.03	ND	NA	NA	20	3342.89
	06/04/08	3388.92	58.90	NA	46.02	ND	Pump	NA	NA	3342.90
	06/11/08	3388.92	58.90	NA	46.07	ND	NA	NA	20	3342.85
	06/11/08	3388.92	58.90	NA	46.09	ND	Pump	NA	NA	3342.83
	06/18/08	3388.92	58.90	NA	46.08	ND	NA	NA	20	3342.84
	06/18/08	3388.92	58.90	NA	46.10	ND	Pump	NA	NA	3342.82
	06/26/08	3388.92	58.90	NA	46.10	ND	NA	NA	20	3342.82
	06/26/08	3388.92	58.90	NA	46.13	ND	Pump	NA	NA	3342.79
	07/07/08	3388.92	58.90	NA	46.14	ND	NA	NA	20	3342.78
	07/07/08	3388.92	58.90	NA	46.15	ND	Pump	NA	NA	3342.77
	07/16/08	3388.92	58.90	NA	46.15	ND	NA	NA	20	3342.77
	07/16/08	3388.92	58.90	NA	46.17	ND	Pump	NA	NA	3342.75
	07/21/08	3388.92	58.90	NA	46.15	ND	NA	NA	20	3342.77
	07/21/08	3388.92	58.90	NA	46.16	ND	Pump	NA	NA	3342.76
	07/29/08	3388.92	58.90	NA	46.16	ND	NA	NA	20	3342.76
	07/29/08	3388.92	58.90	NA	46.16	ND	Pump	NA	NA	3342.76
	08/06/08	3388.92	58.90	NA	46.17	ND	NA	NA	NA	3342.75
	08/13/08	3388.92	58.90	NA	46.16	ND	Pump	NA	20	3342.76
	08/13/08	3388.92	58.90	NA	46.17	ND	NA	NA	NA	3342.75

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-4	08/20/08	3388.92	58.93	NA	46.20	ND	NA	NA	NA	3342.72
	08/27/08	3388.92	58.93	NA	47.22	ND	Pump	NA	20	3341.70
	08/27/08	3388.92	58.93	NA	47.24	ND	NA	NA	NA	3341.68
	09/02/08	3388.92	58.93	NA	47.24	ND	Pump	NA	20	3341.68
	09/02/08	3388.92	58.93	NA	47.24	ND	NA	NA	NA	3341.68
	09/09/08	3388.92	58.93	NA	47.24	ND	Pump	NA	40	3341.68
	09/09/08	3388.92	58.93	NA	47.26	ND	NA	NA	NA	3341.66
	09/17/08	3388.92	58.93	NA	47.26	ND	Pump	NA	20	3341.66
	09/17/08	3388.92	58.93	NA	47.27	ND	NA	NA	NA	3341.65
	09/24/08	3388.92	58.93	NA	46.49	ND	Pump	NA	20	3342.43
	09/24/08	3388.92	58.93	NA	46.51	ND	NA	NA	NA	3342.41
	10/01/08	3388.92	58.93	NA	46.48	ND	Pump	NA	20	3342.44
	10/01/08	3388.92	58.93	NA	46.50	ND	NA	NA	NA	3342.42
	10/08/08	3388.92	58.93	NA	46.58	ND	Pump	NA	20	3342.34
	10/08/08	3388.92	58.93	NA	46.58	ND	NA	NA	NA	3342.34
	11/05/08	3388.92	58.93	NA	46.46	ND	Pump	NA	10	3342.46
	11/05/08	3388.92	58.93	NA	47.57	ND	NA	NA	NA	3341.35
	11/12/08	3388.92	58.93	NA	46.44	ND	NA	NA	NA	3342.48
	11/19/08	3388.92	58.93	NA	46.46	ND	NA	NA	NA	3342.46
	11/26/08	3388.92	58.93	NA	46.47	ND	pump	NA	20	3342.45
	11/26/08	3388.92	58.93	NA	46.49	ND	NA	NA	NA	3342.43
	12/03/08	3388.92	58.93	NA	46.52	ND	Pump	NA	20	3342.40
	12/03/08	3388.92	58.93	NA	46.58	ND	NA	NA	NA	3342.34
	12/10/08	3388.92	58.93	NA	46.55	ND	Pump	NA	20	3342.37
	12/10/08	3388.92	58.93	NA	46.55	ND	NA	NA	NA	3342.37
	12/17/08	3388.92	58.93	NA	46.51	ND	Pump	NA	15	3342.41
	12/17/08	3388.92	58.93	NA	46.54	ND	NA	NA	NA	3342.38
	12/21/08	3388.92	58.93	NA	46.57	ND	Pump	NA	20	3342.35
	12/21/08	3388.92	58.93	NA	46.58	ND	NA	NA	NA	3342.34
	12/31/08	3388.92	58.93	NA	46.57	ND	Pump	NA	20	3342.35
	12/31/08	3388.92	58.93	NA	46.57	ND	NA	NA	NA	3342.35
MW-5	03/21/06	3389.40	59.27	NA	46.50	ND	NA	NA	NA	3342.90
	03/28/06	3389.40	59.27	NA	46.44	ND	NA	NA	NA	3342.96
	04/13/06	3389.40	NG	NA	46.48	ND	NA	NA	NA	3342.92
	04/25/06	3389.40	NG	NA	46.47	ND	NA	NA	NA	3342.93
	05/03/06	3389.40	NG	NA	46.41	ND	NA	NA	NA	3342.99
	05/11/06	3389.40	NG	NA	46.47	ND	NA	NA	NA	3342.93
	05/24/06	3389.40	NG	NA	46.46	ND	NA	NA	NA	3342.94
	06/07/06	3389.40	NG	NA	46.44	ND	NA	NA	NA	3342.96
	06/15/06	3389.40	NG	NA	46.48	ND	NA	NA	NA	3342.92
	06/29/06	3389.40	NG	NA	46.56	ND	NA	NA	NA	3342.84
	07/11/06	3389.40	NG	NA	46.51	ND	NA	NA	NA	3342.89
	07/25/06	3389.40	NG	NA	46.63	ND	NA	NA	NA	3342.77
	08/09/06	3389.40	59.10	NA	46.68	ND	NA	NA	NA	3342.72
	08/22/06	3389.40	NG	NA	46.77	ND	NA	NA	NA	3342.63
	09/12/06	3389.40	59.24	NA	46.84	ND	NA	NA	NA	3342.56
	09/19/06	3389.40	59.24	NA	46.86	ND	NA	NA	NA	3342.54
	10/03/06	3389.40	59.24	NA	46.85	ND	NA	NA	NA	3342.55
	10/17/06	3389.40	NG	NA	46.80	ND	NA	NA	NA	3342.60
	10/31/06	3389.40	NG	NA	46.79	ND	NA	NA	NA	3342.61
	11/15/06	3389.40	NG	NA	46.35	ND	NA	NA	NA	3343.05
	12/06/06	3389.40	59.20	NA	46.65	ND	NA	NA	NA	3342.75
	12/13/06	3389.40	NG	NA	46.71	ND	NA	NA	NA	3342.69
	01/03/06	3389.40	NG	NA	46.55	ND	NA	NA	NA	3342.85

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-5	01/09/07	3389.40	NG	NA	46.60	ND	NA	NA	NA	3342.80
	01/18/07	3389.40	NG	NA	46.51	ND	NA	NA	NA	3342.89
	01/25/07	3389.40	NG	NA	46.47	ND	NA	NA	NA	3342.93
	01/31/07	3389.40	NG	NA	46.39	ND	NA	NA	NA	3343.01
	02/07/07	3389.40	NG	NA	46.02	ND	NA	NA	NA	3343.38
	02/14/07	3389.40	NG	NA	46.05	ND	NA	NA	NA	3343.35
	03/01/07	3389.40	59.15	NA	46.35	ND	NA	NA	NA	3343.05
	05/31/07	3389.40	59.13	NA	46.35	ND	NA	NA	NA	3343.05
	06/06/07	3389.40	59.13	NA	46.30	ND	NA	NA	NA	3343.10
	07/05/07	3389.40	59.24	NA	46.44	ND	NA	NA	NA	3342.96
	07/31/07	3389.40	59.23	NA	46.48	ND	NA	NA	NA	3342.92
	09/06/07	3389.40	59.23	NA	46.57	ND	NA	NA	NA	3342.83
	10/04/07	3389.40	59.25	NA	46.67	ND	NA	NA	NA	3342.73
	11/13/07	3389.40	59.16	NA	46.65	ND	NA	NA	NA	3342.75
	12/05/07	3389.40	59.16	NA	46.60	ND	NA	NA	NA	3342.80
	01/09/08	3389.40	59.12	NA	46.60	ND	NA	NA	NA	3342.80
	02/06/08	3389.40	59.12	NA	46.63	ND	NA	NA	NA	3342.77
	02/27/08	3389.40	59.12	NA	46.61	ND	NA	NA	NA	3342.79
	04/02/08	3389.40	59.12	NA	46.58	ND	NA	NA	NA	3342.82
	05/22/08	3389.40	59.12	NA	47.14	ND	NA	NA	NA	3342.26
	06/26/08	3389.40	59.12	NA	47.18	ND	NA	NA	NA	3342.22
	07/07/08	3389.40	59.12	NA	46.53	ND	NA	NA	NA	3342.87
	08/20/08	3389.40	59.11	NA	46.60	ND	NA	NA	NA	3342.80
	10/15/08	3389.40	59.16	NA	47.06	ND	NA	NA	NA	3342.34
	11/19/08	3389.40	59.16	NA	46.89	ND	NA	NA	NA	3342.51
	12/21/08	3389.40	59.16	NA	46.99	ND	NA	NA	NA	3342.41
MW-6	05/24/06	3389.72	NG	NA	47.12	ND	NA	NA	NA	3342.60
	06/07/06	3389.72	59.25	NA	47.10	ND	NA	NA	NA	3342.62
	06/07/06	3389.72	NG	NA	47.15	ND	Hand Bailed	5	NA	3342.57
	06/15/06	3389.72	NG	NA	47.13	ND	NA	NA	NA	3342.59
	06/29/06	3389.72	NG	NA	47.20	ND	NA	NA	NA	3342.52
	07/11/06	3389.72	NG	NA	47.23	ND	NA	NA	NA	3342.49
	07/25/06	3389.72	NG	NA	47.28	ND	NA	NA	NA	3342.44
	08/09/06	3389.72	NG	NA	47.35	ND	NA	NA	NA	3342.37
	08/22/06	3389.72	NG	NA	47.43	ND	NA	NA	NA	3342.29
	09/12/06	3389.72	58.10	NA	47.46	ND	NA	NA	NA	3342.26
	09/19/06	3389.72	NG	NA	47.51	ND	NA	NA	NA	3342.21
	10/03/06	3389.72	NG	NA	47.51	ND	NA	NA	NA	3342.21
	10/17/06	3389.72	NG	NA	47.48	ND	NA	NA	NA	3342.24
	10/31/06	3389.72	NG	NA	47.45	ND	NA	NA	NA	3342.27
	11/15/06	3389.72	NG	NA	47.00	ND	NA	NA	NA	3342.72
	12/06/06	3389.72	57.61	NA	47.34	ND	NA	NA	NA	3342.38
	12/13/06	3389.72	NG	NA	47.50	ND	NA	NA	NA	3342.22
	01/03/06	3389.72	NG	NA	47.20	ND	NA	NA	NA	3342.52
	01/09/07	3389.72	NG	NA	47.25	ND	NA	NA	NA	3342.47
	01/18/07	3389.72	NG	NA	47.18	ND	NA	NA	NA	3342.54
	01/25/07	3389.72	NG	NA	47.15	ND	NA	NA	NA	3342.57
	01/31/07	3389.72	NG	NA	47.07	ND	NA	NA	NA	3342.65
	02/07/07	3389.72	NG	NA	47.12	ND	NA	NA	NA	3342.60
	02/14/07	3389.72	NG	NA	47.17	ND	NA	NA	NA	3342.55
	03/01/07	3389.72	57.60	NA	47.08	ND	NA	NA	NA	3342.64
	05/03/07	3389.72	57.60	NA	47.00	ND	NA	NA	NA	3342.72
	05/31/07	3389.72	57.21	NA	47.01	ND	NA	NA	NA	3342.71
	06/06/07	3389.72	57.21	NA	46.97	ND	NA	NA	NA	3342.75

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-6	07/05/07	3389.72	57.60	NA	47.09	ND	NA	NA	NA	3342.63
	07/31/07	3389.72	57.60	NA	47.12	ND	NA	NA	NA	3342.60
	09/06/07	3389.72	57.60	NA	47.20	ND	NA	NA	NA	3342.52
	10/04/07	3389.72	57.60	NA	47.24	ND	NA	NA	NA	3342.48
	11/13/07	3389.72	57.58	NA	47.31	ND	NA	NA	NA	3342.41
	12/05/07	3389.72	57.58	NA	47.25	ND	NA	NA	NA	3342.47
	01/09/08	3389.72	57.26	NA	47.24	ND	NA	NA	NA	3342.48
	02/06/08	3389.72	57.26	NA	47.26	ND	NA	NA	NA	3342.46
	02/27/08	3389.72	57.46	NA	47.24	ND	NA	NA	NA	3342.48
	04/02/08	3389.72	57.46	NA	47.19	ND	NA	NA	NA	3342.53
	05/22/08	3389.72	57.46	NA	47.14	ND	NA	NA	NA	3342.58
	06/27/08	3389.72	57.46	NA	47.24	ND	NA	NA	NA	3342.48
	07/07/08	3389.72	57.46	NA	47.20	ND	NA	NA	NA	3342.52
	08/20/08	3389.72	57.20	NA	47.28	ND	NA	NA	NA	3342.44
	10/15/08	3389.72	57.25	NA	47.70	ND	NA	NA	NA	3342.02
	11/19/08	3389.72	57.25	NA	47.56	ND	NA	NA	NA	3342.16
	12/21/08	3389.72	57.25	NA	47.68	ND	NA	NA	NA	3342.04
MW-7	05/24/06	3389.28	NG	NA	46.67	ND	NA	NA	NA	3342.61
	06/07/06	3389.28	57.90	NA	46.69	ND	NA	NA	NA	3342.59
	06/07/06	3389.28	NG	NA	46.77	ND	Hand Bailed	5	NA	3342.51
	06/15/06	3389.28	NG	NA	46.67	ND	NA	NA	NA	3342.61
	06/29/06	3389.28	NG	NA	46.77	ND	NA	NA	NA	3342.51
	07/11/06	3389.28	NG	NA	46.78	ND	NA	NA	NA	3342.50
	07/25/06	3389.28	NG	NA	46.84	ND	NA	NA	NA	3342.44
	08/09/06	3389.28	56.36	NA	46.94	ND	NA	NA	NA	3342.34
	08/22/06	3389.28	NG	NA	46.98	ND	NA	NA	NA	3342.30
	09/12/06	3389.28	56.54	NA	47.03	ND	NA	NA	NA	3342.25
	09/19/06	3389.28	NG	NA	47.07	ND	NA	NA	NA	3342.21
	10/03/06	3389.28	NG	NA	47.05	ND	NA	NA	NA	3342.23
	10/17/06	3389.28	NG	NA	47.04	ND	NA	NA	NA	3342.24
	10/31/06	3389.28	NG	NA	46.98	ND	NA	NA	NA	3342.30
	11/15/06	3389.28	NG	NA	47.43	ND	NA	NA	NA	3341.85
	12/06/06	3389.28	56.33	NA	46.88	ND	NA	NA	NA	3342.40
	12/13/06	3389.28	NG	NA	47.00	ND	NA	NA	NA	3342.28
	01/03/06	3389.28	NG	NA	46.75	ND	NA	NA	NA	3342.53
	01/09/07	3389.28	NG	NA	46.81	ND	NA	NA	NA	3342.47
	01/18/07	3389.28	NG	NA	46.71	ND	NA	NA	NA	3342.57
	01/25/07	3389.28	NG	NA	46.70	ND	NA	NA	NA	3342.58
	01/31/07	3389.28	NG	NA	46.62	ND	NA	NA	NA	3342.66
	02/07/07	3389.28	NG	NA	46.65	ND	NA	NA	NA	3342.63
	02/14/07	3389.28	NG	NA	46.69	ND	NA	NA	NA	3342.59
	03/01/07	3389.28	55.99	NA	46.62	ND	NA	NA	NA	3342.66
	05/03/07	3389.28	55.99	NA	46.53	ND	NA	NA	NA	3342.75
	05/31/07	3389.28	55.98	NA	46.53	ND	NA	NA	NA	3342.75
	06/06/07	3389.28	55.98	NA	46.50	ND	NA	NA	NA	3342.78
	07/05/07	3389.28	56.01	NA	46.60	ND	NA	NA	NA	3342.68
	07/31/07	3389.28	56.02	NA	46.63	ND	NA	NA	NA	3342.65
	09/06/07	3389.28	56.02	NA	46.72	ND	NA	NA	NA	3342.56
	10/04/07	3389.28	56.02	NA	46.78	ND	NA	NA	NA	3342.50
	11/13/07	3389.28	58.97	NA	46.80	ND	NA	NA	NA	3342.48
	12/05/07	3389.28	58.97	NA	46.75	ND	NA	NA	NA	3342.53
	01/09/08	3389.28	56.10	NA	46.75	ND	NA	NA	NA	3342.53
	02/06/08	3389.28	56.10	NA	46.75	ND	NA	NA	NA	3342.53
	02/27/08	3389.28	55.92	NA	46.72	ND	NA	NA	NA	3342.56

TABLE 1
GROUNDWATER ELEVATION DATA
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)
								PSH (gallons)	Water (gallons)	
MW-7	04/02/08	3389.28	55.92	NA	46.69	ND	NA	NA	NA	3342.59
	05/22/08	3389.28	55.92	NA	46.63	ND	NA	NA	NA	3342.65
	06/26/08	3389.28	55.92	NA	46.72	ND	NA	NA	NA	3342.56
	07/07/08	3389.28	55.92	NA	46.72	ND	NA	NA	NA	3342.56
	08/20/08	3389.28	55.88	NA	46.77	ND	NA	NA	NA	3342.51
	10/15/08	3389.28	55.89	NA	47.20	ND	NA	NA	NA	3342.08
	11/19/08	3389.28	55.89	NA	47.08	ND	NA	NA	NA	3342.20
	12/21/08	3389.28	55.89	NA	47.18	ND	NA	NA	NA	3342.10

NA: Not Applicable
ND: Not Detected
NG: Not Gauged

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-1	12/21/05	NS	NS	NS	NS	NS
MW-1	03/28/06	NS	NS	NS	NS	NS
MW-1	06/15/06	NS	NS	NS	NS	NS
MW-1	09/12/06	NS	NS	NS	NS	NS
MW-1	03/01/07	NS	NS	NS	NS	NS
MW-1	05/22/08	T22302-1	**0.512**	0.439	0.141	0.323
MW-2	12/21/05	T12186-1	<0.002	<0.002	<0.002	<0.006
MW-2	03/28/06	T13038-1	<0.00038	<0.00036	<0.00035	<0.00072
MW-2	06/15/06	T13864-1	<0.00038	<0.00036	<0.00035	<0.00072
MW-2	09/12/06	T14673-1	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	12/06/06	T15625-1	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	03/01/07	T16518-1	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	06/01/07	T17666-1	<0.00021	<0.00023	<0.00035	<0.00055
MW-2	09/07/07	T18804-1	<0.00021	<0.00023	<0.00035	<0.00055
MW-2	11/13/07	T19746-1	<0.0005	<0.0005	<0.0005	<0.001
MW-2	02/27/08	T21042-1	0.00077 J	<0.00023	0.00085 J	0.00068 J
MW-2	05/22/08	T22302-2	0.00029 J	<0.00023	<0.00035	<0.0055
MW-2	08/20/08	T23537-1	<0.0005	<0.0005	<0.0005	<0.001
MW-2	11/19/08	180051	0.00230	<0.00100	0.00180	0.00130
MW-3	12/21/05	T12186-2	<0.002	<0.002	<0.002	<0.006
MW-3	03/28/06	T13038-2	<0.00038	<0.00036	<0.00035	<0.00072
MW-3	06/15/06	T13864-2	<0.00038	<0.00036	<0.00035	<0.00072
MW-3	09/12/06	T14673-2	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	12/06/06	T15625-2	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	03/01/07	T16518-2	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	06/01/07	T17666-2	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	09/07/07	T18804-2	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	11/13/07	T19746-2	<0.0005	<0.0005	<0.0005	<0.001
MW-3	02/27/08	T21042-2	0.00021 J	<0.00023	<0.00035	<0.00055
MW-3	05/22/08	T22302-3	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	08/20/08	T23537-2	<0.0005	<0.0005	<0.0005	<0.001
MW-3	11/19/08	180052	<0.00100	<0.00100	<0.00100	<0.00100
MW-4	03/28/06	T13038-3	**0.2**[a]	0.0535	0.0384	0.115
MW-4	06/15/06	T13864-3	**0.41**[a]	0.0926	0.144[a]	0.403[a]
MW-4	09/12/06	T14673-3	**0.617**[a]	0.025	0.232[a]	0.208
MW-4	12/06/06	T15625-3	**1.25**[a]	0.196	0.581[a]	0.818
MW-4	03/01/07	T16518-3	**1.06**	0.186	0.294	0.195
MW-4	06/01/07	T17666-3	**1.25**	0.0195 J	0.349	0.192
MW-4	09/07/07	T18804-3	**1.51**	0.0554	0.317	0.295
MW-4	11/13/07	T19746-3	**1.38**[a]	0.0251	0.256	0.22
MW-4	02/27/08	T21042-3	**1.77**	0.0882	0.532	0.792
MW-4	05/22/08	T22302-4	**1.09**	0.0215	0.291	0.254
MW-4	08/20/08	T23537-3	**0.662**[a]	0.0161	0.207[a]	0.249
MW-4	11/19/08	180053	**0.567**	0.0398	0.205	0.326

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-5	03/28/06	T13038-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	06/15/06	T13864-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	09/12/06	T14673-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	12/06/06	T15625-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	03/01/07	T16518-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	06/01/07	T17666-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	09/07/07	T18804-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	11/13/07	T19746-4	<0.0005	<0.0005	<0.0005	<0.001
MW-5	02/27/08	T21042-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	05/22/08	T22302-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	08/20/08	T23537-4	<0.0005	<0.0005	<0.0005	<0.001
MW-5	11/19/08	180054	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	06/15/06	T13864-5	<0.00038	<0.00036	<0.00035	<0.00072
MW-6	09/12/06	T14673-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	12/06/06	T15625-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	03/01/07	T16518-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	06/01/07	T17666-5	<0.00021	<0.00023	<0.00035	0.0014J
MW-6	09/07/07	T18804-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	11/13/07	T19746-5	<0.0005	<0.0005	<0.0005	<0.001
MW-6	02/27/08	T21042-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	05/22/08	T22302-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	08/20/08	T23537-5	0.0065	<0.0005	0.0037	<0.001
MW-6	11/19/08	180055	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	06/15/06	T13864-6	<0.00038	<0.00036	<0.00035	<0.00072
MW-7	09/12/06	T14673-6	**0.0163**	<0.00020	<0.00033	0.0036
MW-7	12/06/06	T15625-6	**0.011**	<0.00020	<0.00033	0.004
MW-7	03/01/07	T16518-6	<0.00035	<0.00020	<0.00033	0.0053
MW-7	06/01/07	T17666-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	09/07/07	T18804-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	11/13/07	T19746-6	<0.0005	<0.0005	<0.0005	<0.001
MW-7	02/27/08	T21042-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	05/22/08	T22302-7	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	08/20/08	T23537-6	0.00086 J	<0.0005	0.00054 J	<0.001

(a) = Result is from Run #2
Concentration in **Bold =** above NMOCD Remediation Criteria
Note: MW-1 not sampled due to presence of hydrocarbon sheen (NS)
J = Estimated vlue

TABLE 3
GROUNDWATER ANALYTICAL RESULTS for
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs) from wells with Sheen/PSH
Plains Marketing, L.P.
SRS No. 2000-10807
D S Hugh
Lea County, New Mexico

Monitoring Well	Sample Date	Lab Report #	Naphthalene	Acenaphthylene	Acenaphthene	Flourene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[a]-pyrene	Dibenz[a,h]-anthracene	Benzo[g,h,i]-perylene	Benzo(k)fluoranthene	2-Methylnaphthalene	TPH-GRO (C6-C10)	TPH (C10-C28)
Units			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)
Other regulatory limits (Tap Water)*			**30****	**NA**	**365**	**243**	**0.91**	**1100**	**1830**	**1460**	**183**	**0.91**	**29.1**	**0.91**	**0.7****	**0.091**	**NA**	**9.1**	**30****	**NA**	**NA**
MW-1	5/22/2008	T22302-1	10.7	<1.6	<1.5	<2.1	<2.4	<1.6	<1.8	<1.6	<1.1	<1.4	<1.3	<1.5	<1.6	<1.3	<2.5	<1.6	10.2	5.56	2.2

< = Not Detected
Tap Water* = NMED Tap Water Soil screening levels for residential scenarios.
** = NM Water Quality Standard

TABLE 4
2008 MONTHLY PSH AND DISSOLVED PHASE GROUNDWATER RECOVERY DATA
Plains Marketing, L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Month	Volume of PSH recovered in gallons	Volume of dissolved phase groundwater recovered in gallons
January	0.75	48.50
February	0.00	160.00
March	0.00	160.00
April	0.00	180.00
May	0.00	166.00
June	0.00	140.00
July	0.00	160.00
August	0.00	80.00
September	1.00	179.00
October	2.00	78.00
November	0.25	33.75
December	0.75	106.25
Total Recovery	4.75	1491.50

APPENDIX C

Groundwater Analytical Reports

(Available Electronically on CD Only)

1st Quarter 2008 Analytical Reports– T21042

2nd Quarter 2008 Analytical Reports– T22302

3rd Quarter 2008 Analytical Reports– T23537

4th Quarter 2008 Analytical Reports– 8112007

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 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

x Initial Report ☐ Final Report

Name of Company Plains Marketing, LP	Contact Daniel Bryant
Address 5805 East Hwy. 80, Midland, TX 79706	Telephone No. 432-686-1769
Facility Name D. S. Hugh Gathering	Facility Type Steel Pipeline

Surface Owner Delrose Scott	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	26	21S	37E					Lea

Latitude 32° 26' 48" **Longitude** 103° 08' 07"

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 20 barrels	Volume Recovered 5 barrels
Source of Release Steel Pipeline	Date and Hour of Occurrence 11/10/2000	Date and Hour of Discovery 11/10/2000 13:20
Was Immediate Notice Given? Yes ☒ No ☐ Not Required	If YES, To Whom? Donna Williams	
By Whom? Wayne Brunette	Date and Hour 11/10/2000 14:25	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Pipeline was clamped to mitigate the release during initial response activities.

Describe Area Affected and Cleanup Action Taken.*
NOTE: This information was obtained from historical EOTT files, Plains acquired EOTT/Link on April 1, 2004 and Plains assumes this information to be correct.

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: Daniel Bryant	OIL CONSERVATION DIVISION	
Printed Name: Daniel Bryant	Approved by District Supervisor:	
Title: Environmental Coordinator	Approval Date:	Expiration Date:
E-mail Address: dmbryant@paalp.com	Conditions of Approval:	Attached ☐
Date: 4/7/2006 Phone:432-686-1769		

* Attach Additional Sheets If Necessary