

1R - 463

Annual GW Mon. REPORTS

DATE:

2007

2007 ANNUAL REPORT

DS HUGH

PLAINS SRS NO.: 2000-10807

UL-A, SECTION 26, T21S, R37E

Lea County, New Mexico

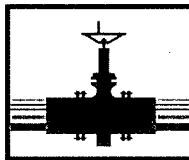
NMOCD No. IR-0463

RECEIVED

PREPARED FOR

MAR 31 2008

Environmental Bureau
Oil Conservation Division



PLAINS
MARKETING, L.P.

333 CLAY STREET, SUITE 1600
HOUSTON, TEXAS 77002

PREPARED BY



ENVIRONMENTAL SERVICES, INC.
4800 SUGAR GROVE BLVD., SUITE 420
STAFFORD, TEXAS 77477
281.240.5200

Project No. 205071.00

March 2008

Chan Patel
Senior Project Manager



PLAINS ALL AMERICAN

March 27, 2008

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

RECEIVED

MAR 31 2008
Environmental Bureau
Oil Conservation Division

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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- Figure 3B – 2nd Quarter 2007 Groundwater Gradient Map
- Figure 3C – 3rd Quarter 2007 Groundwater Gradient Map
- Figure 3D – 4th Quarter 2007 Groundwater Gradient Map
- Figure 4A – 1st Quarter Contaminant Concentration Map
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- Figure 4C – 3rd Quarter Contaminant Concentration Map
- Figure 4D – 4th Quarter Contaminant Concentration Map

Appendix B Tables

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- Table 2 – Groundwater Analytical Results

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

On November 10, 2000, a 20 barrel release of crude oil occurred from a 4" steel pipeline at the DS Hugh 4" Gathering line Site (Site), EMS No. 2000-10807. 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 T21S, R37E, Section 26 of Lea County, New Mexico, approximately 2 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 5 barrels of product were reported as recovered. Reportedly, the impacted area was approximately 200 feet by 15 feet, and product flowed within the pipeline right of way. The leak was repaired and impacted soil was removed 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 personnel in April 2005. Details can be found in the 2005 Annual Report. Site investigations and remediation activities continued in 2005 and 2006.

Site delineation in 2005 included installing 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 Hydrocarbons (TPH) concentrations in soil from monitor well MW-1 were above 100 mg/kg down to the first water bearing zone at a depth of 45 feet bgs. A phase-separated hydrocarbon (PSH) sheen was observed in monitor well MW-1 and was addressed by placing an absorbent sock in the well which was changed to bi-weekly.

A Remediation Plan was submitted to and approved by the New Mexico Oil Conservation Division (NMOCD) in May 2006. The remediation plan was implemented in October 2006 and a closure report submitted in March 2007. Details of these 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 Remediation Plan
- June 6, 2006 Soil Investigation Results (letter report to Plains)
- March 2007 *Soil Closure Report*.

During 2007, weekly PSH removal, monthly gauging, and quarterly sampling and analysis of groundwater from monitor wells MW-2 through MW-7 was conducted. Groundwater analytical data showed benzene concentrations exceeded NMOCD remediation criteria in groundwater from monitor well MW-4. All other concentrations for parameters analyzed, for the wells sampled, were below NMOCD remediation criteria. Monitor well MW-1 was not sampled due to sheen, and hydrocarbon recovery continued using an absorbent sock.

The groundwater flow during 2007 was consistently to the southeast at an approximate gradient across the site of 0.0030 to 0.0038 feet/feet as measured between monitor wells MW-3 and MW-6.

1.0 INTRODUCTION AND SITE HISTORY

Premier Environmental Services, Inc. (Premier) was retained by Plains Marketing, L.P. (Plains) to complete Site Investigations and remediation activities at the D.S. Hugh Gathering 4" Site (Site) (SRS Nos. 2000-10807).

The leak that occurred at the Site on November 10, 2000, was apparently caused by corrosion of this pipeline. The Site is located in T21S, R37E, Section 26 of Lea County, New Mexico, approximately 2 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 now owned by Plains Marketing, L.P. (Plains). The release was reported by EOTT to Ms. Donna Williams at the New Mexico Oil Conservation Division (NMOCD) on November 10, 2000 at 2:25 p.m. Approximately 5 barrels of product was reported as recovered.

The leak was repaired and impacted soil was removed and temporarily placed on a plastic liner. Delineation was completed at the Site in 2005 and 2006 through the collection of soil and groundwater samples from soil borings and groundwater monitor wells (Figure 2, Appendix A).

Soil and groundwater delineation continued through 2006 with a groundwater investigation in March, and an additional soil and groundwater investigation in May. A Remediation Plan was submitted to and approved with conditions by the NMOCD in May 2006. The remediation plan was implemented in October 2006 and a closure report submitted in March 2007. Details for these activities are described in the following reports:

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

Soil remediation was completed in 2006 based on an NMOCD approved work plan, and documented in the March 2007 ***Soil Closure Report***.

2.0 2007 Activities

2.1 1st Quarter 2007

Groundwater and PSH were gauged on a weekly basis. The weekly gauging data showed minimal fluctuation in groundwater elevations during this period. The groundwater flow is to the southeast at an approximate gradient across the site of 0.0036 feet/foot as measured between monitor wells MW-3 and MW-6 (March 1, 2007, Figure 3A, Appendix A). The groundwater gradient and flow direction during the 1st quarter are consistent with measurements collected during 2006. Groundwater gauging data is found on Table 1, Appendix B. A sheen was observed in monitor well MW-1. PSH was recovered throughout the quarter using absorbent socks and manually bailing approximately 10 gallons of groundwater with dissolved phase hydrocarbons and PSH sheen. Measurable amounts of PSH were not observed in other on-site monitoring wells.

Groundwater was sampled on March 1, 2007 from monitor wells MW-2 through MW-7 for BTEX and TPH analyses. Monitor well MW-1 was not sampled due to sheen. The only constituent detected above the NMOCD standard was benzene from monitor well MW-4, which was detected at a concentration of 1.06 mg/l (Figure 4A, Appendix A). Analytical results are summarized on Table 2, Appendix B. Analytical reports can be found in Appendix C.

2.2 2nd Quarter 2007

Groundwater was gauged weekly and the gauging data showed minimal fluctuation in groundwater elevations during this period. The groundwater flow is to the southeast at an approximate gradient across the site of 0.0037 feet/feet as measured between monitor wells MW-3 and MW-6 (June 1, 2007, Figure 3B, Appendix A).

Groundwater was sampled for BTEX on June 1, 2007 from monitor wells MW-2 through MW-7. Monitor well MW-1 was not sampled due to a sheen. The only constituent detected above the NMOCD standard was benzene from monitor well MW-4, which was detected at a concentration of 1.25 mg/l (Figure 4B, Appendix A). Analytical results are summarized on Table 2, Appendix B. Analytical reports can be found in Appendix C.

On April 1 2007, a 1550 gallon poly tank was placed into a bermed area for the purpose of holding fluids removed from the groundwater. The objective was to pump additional fluid from monitor well MW-1 and MW-4 to aid in the removal of dissolved hydrocarbons. However, by May 3rd the tank had been stolen from the site. Therefore, all groundwater removed continued to be placed in 55 gallon drums.

2.3 3rd Quarter 2007

During September 2007, (3rd quarter) weekly gauging/product recovery, and quarterly sampling and analysis of groundwater from monitor wells MW-2 through MW-7 were completed.

The weekly gauging data showed minimal fluctuation in groundwater elevations during this period. The groundwater flow is to the southeast at an approximate gradient across the site of 0.0030 feet/feet as measured between monitor wells MW-3 and MW-6 (September 7, 2007, Figure 3C, Appendix A). The groundwater gradient and flow direction during the 3rd quarter are consistent with measurements previously collected. Groundwater gauging data is found on Table 1, Appendix B. A sheen was observed in monitor well MW-1; PSH was recovered throughout the quarter using absorbent socks. Measurable amounts of PSH were not observed in other on-site monitoring wells.

The only constituent detected above NMOCD criteria was benzene at a concentration of 1.51 mg/L in groundwater from monitor well MW-4; located southeast, and hydraulically downgradient of monitor well MW-1 ((Figure 4C, Appendix A)). Analytical results are summarized on Table 2, Appendix B. Analytical reports are in Appendix C.

2.4 4th Quarter 2007

During November 2007, (4th quarter) weekly gauging/product recovery, and quarterly sampling and analysis of groundwater from monitor wells MW-2 through MW-7 were completed. The weekly gauging data showed minimal fluctuation in groundwater elevations during this period. The groundwater flow is to the southeast at an approximate gradient across the site of 0.0038 feet/foot as measured between monitor wells MW-3 and MW-6 (November 13, 2007, Figure 3D, Appendix A). This is consistent with previous quarters. Groundwater gauging data can be found on Table 1, Appendix B.

Groundwater was sampled on November 13, 2007 from monitor wells MW-2 through MW-7. Monitor well MW-1 was not sampled due to a sheen. Benzene was detected in groundwater from monitor well MW-4 at a concentration of 1.38 mg/L which is in excess of the NMOCD 0.01 mg/l benzene standard. All other concentrations for parameters analyzed, for the wells sampled, were all below NMOCD remediation criteria. The benzene concentration in monitor well MW-4 decreased compared to previous quarter results (Figure 4D, Appendix A). Analytical results are summarized on Table 2, Appendix B. Analytical reports can be found in Appendix C.

2.5 2008 Planned Activities

Ongoing groundwater monitoring and sampling, along with PSH and dissolved phase hydrocarbons recovery from monitor well MW-1 and MW-4, will continue in 2008. The dissolved phase plume in the groundwater will be closely monitored through the groundwater sampling events planned in 2008. To allow for additional removal of groundwater, a 1550 gallon poly tank will be placed into a bermed area for the purpose of holding dissolved phase hydrocarbon and any PSH entrained in the groundwater.

3.0 CONCLUSIONS

During 2007, weekly gauging/product recovery, and quarterly sampling and analysis of groundwater from monitor wells MW-2 through MW-7 were completed. Monitor well MW-1 was not sampled due to the presence of a sheen throughout the year. 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 for parameters analyzed, for the wells sampled, were below NMOCD regulatory criteria. Based on these data, the dissolved phase hydrocarbon plume appears to have diminished since early 2006, when benzene concentrations were present in monitor well MW-7.

During 2007, there was over 453 gallon of dissolved phase hydrocarbons recovered from the site. A very small quantity of PSH less than 10 gallons was recovered in the dissolved phase hydrocarbons removed.

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, removal of dissolved phase hydrocarbons and PSH via manually bailing and natural attenuation.

4.0 RECOMMENDATIONS

Ongoing groundwater monitoring and sampling, along with PSH and dissolved phase hydrocarbon recovery from monitor well MW-1, will continue in 2008. A 1550 gallon poly tank will be placed for the purpose of holding dissolved phase hydrocarbon and any PSH entrained in the groundwater. The quantity of groundwater removed on a weekly basis will be increased to 30-50 gallons each from monitor wells MW-1 and MW-4. The dissolved phase plume in the groundwater will be closely monitored through the quarterly groundwater sampling events planned in 2008.

Appendix A Figures

Figure 1 – Site Location Map

Figure 2 – Site Map

Figure 3A – 1st Quarter 2007 Groundwater Gradient Map

Figure 3B – 2nd Quarter 2007 Groundwater Gradient Map

Figure 3C – 3rd Quarter 2007 Groundwater Gradient Map

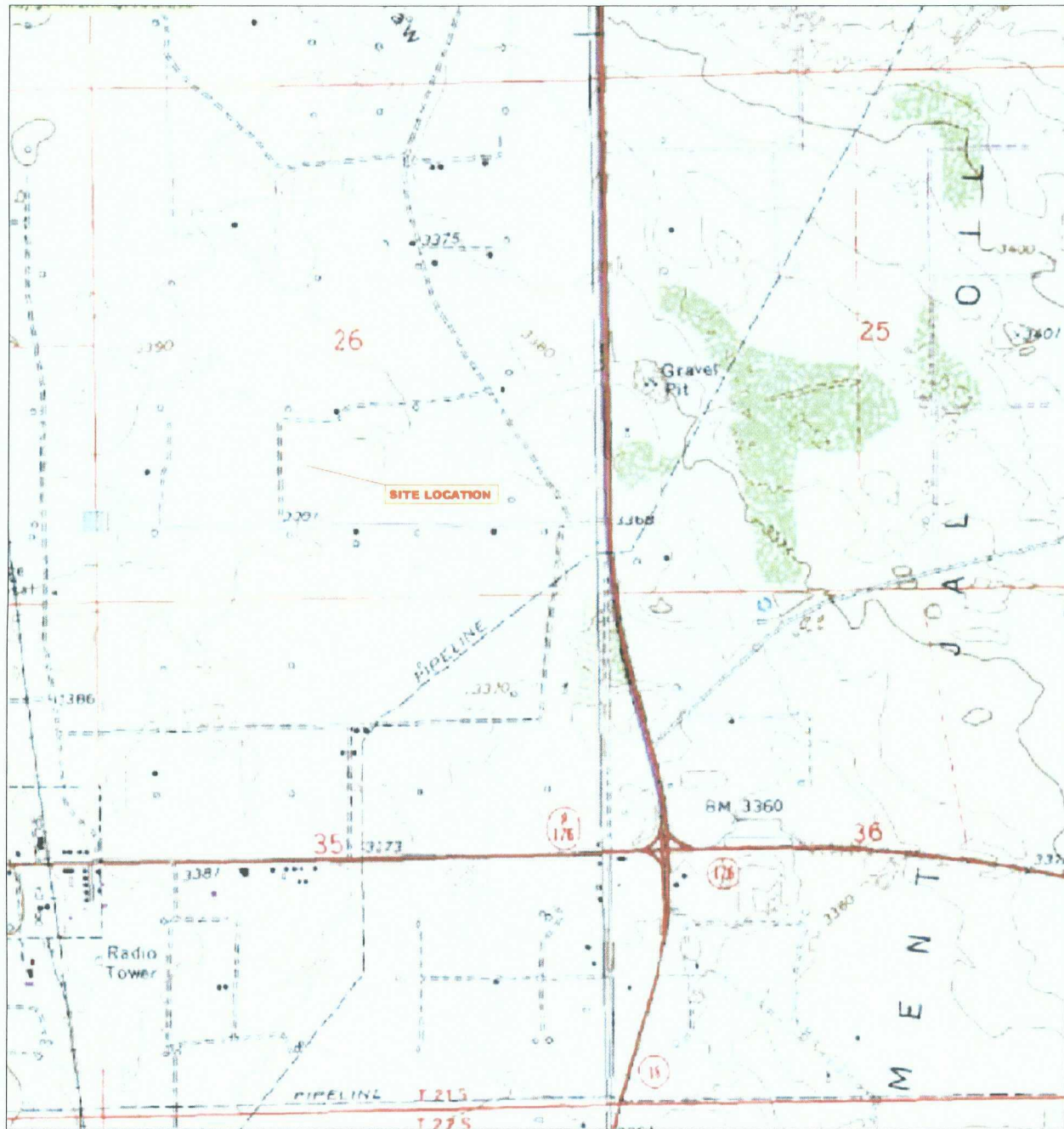
Figure 3D – 4th Quarter 2007 Groundwater Gradient Map

Figure 4A – 1st Quarter 2007 Contaminant Concentration Map

Figure 4B – 2nd Quarter 2007 Contaminant Concentration Map

Figure 4C – 3rd Quarter 2007 Contaminant Concentration Map

Figure 4D – 4th Quarter 2007 Contaminant Concentration Map



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

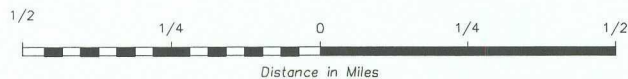


Figure 1
Site Location Map
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

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

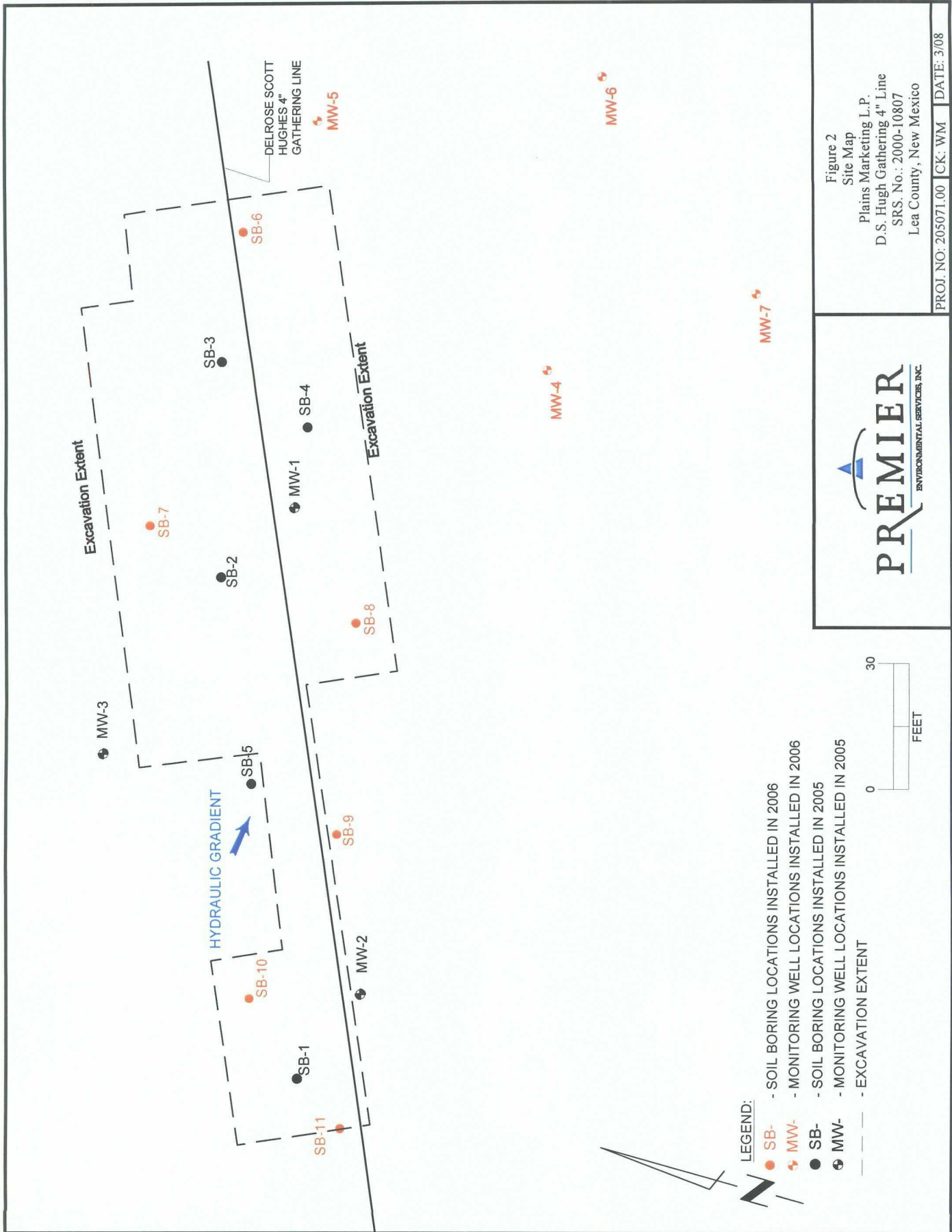
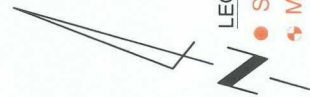
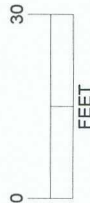


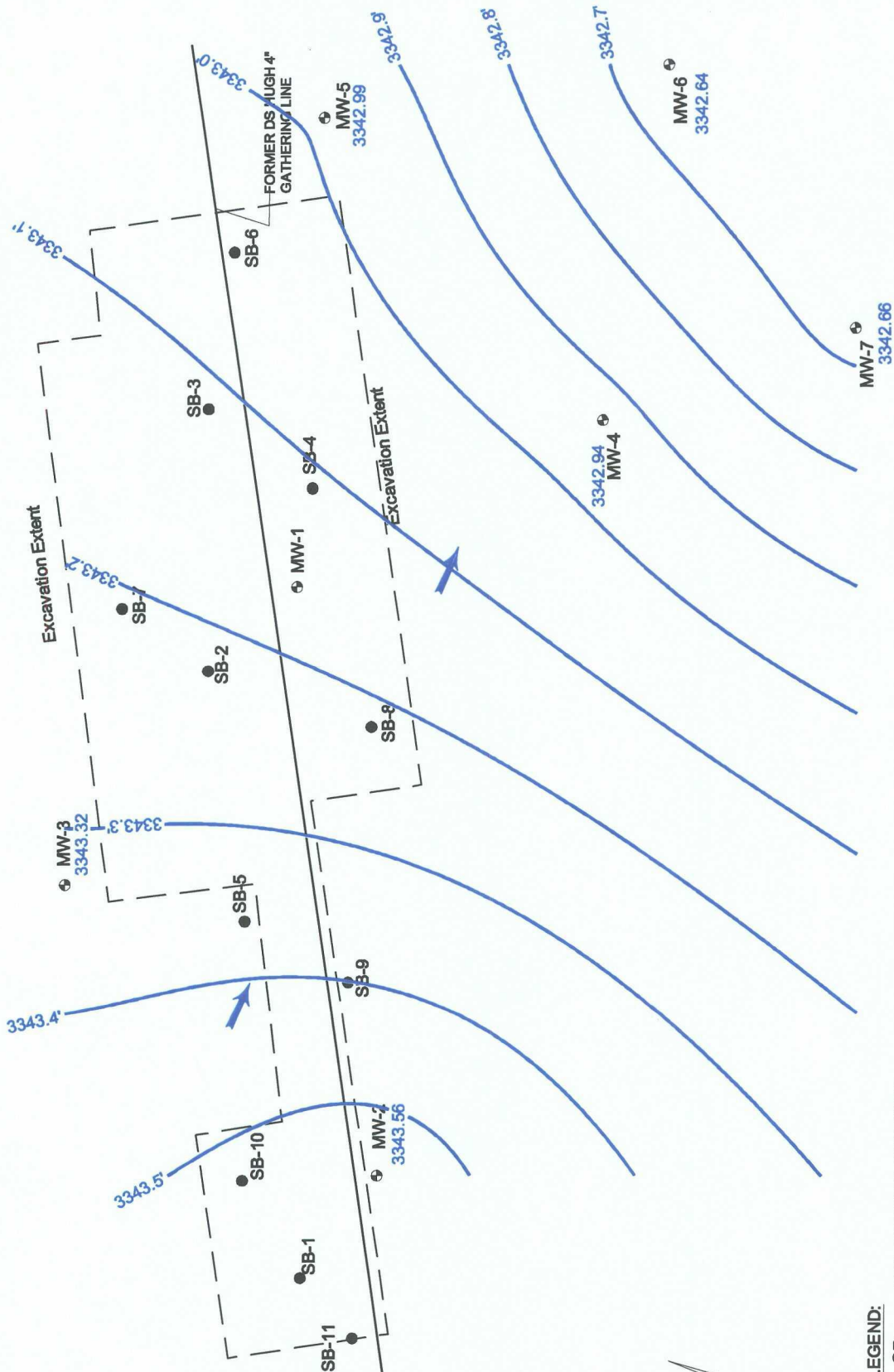
Figure 2
Site Map
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico



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

- LEGEND:
- SB- SOIL BORING LOCATIONS INSTALLED IN 2006
 - MW- MONITORING WELL LOCATIONS INSTALLED IN 2006
 - SB- SOIL BORING LOCATIONS INSTALLED IN 2005
 - MW- MONITORING WELL LOCATIONS INSTALLED IN 2005
 - EXCAVATION EXTENT



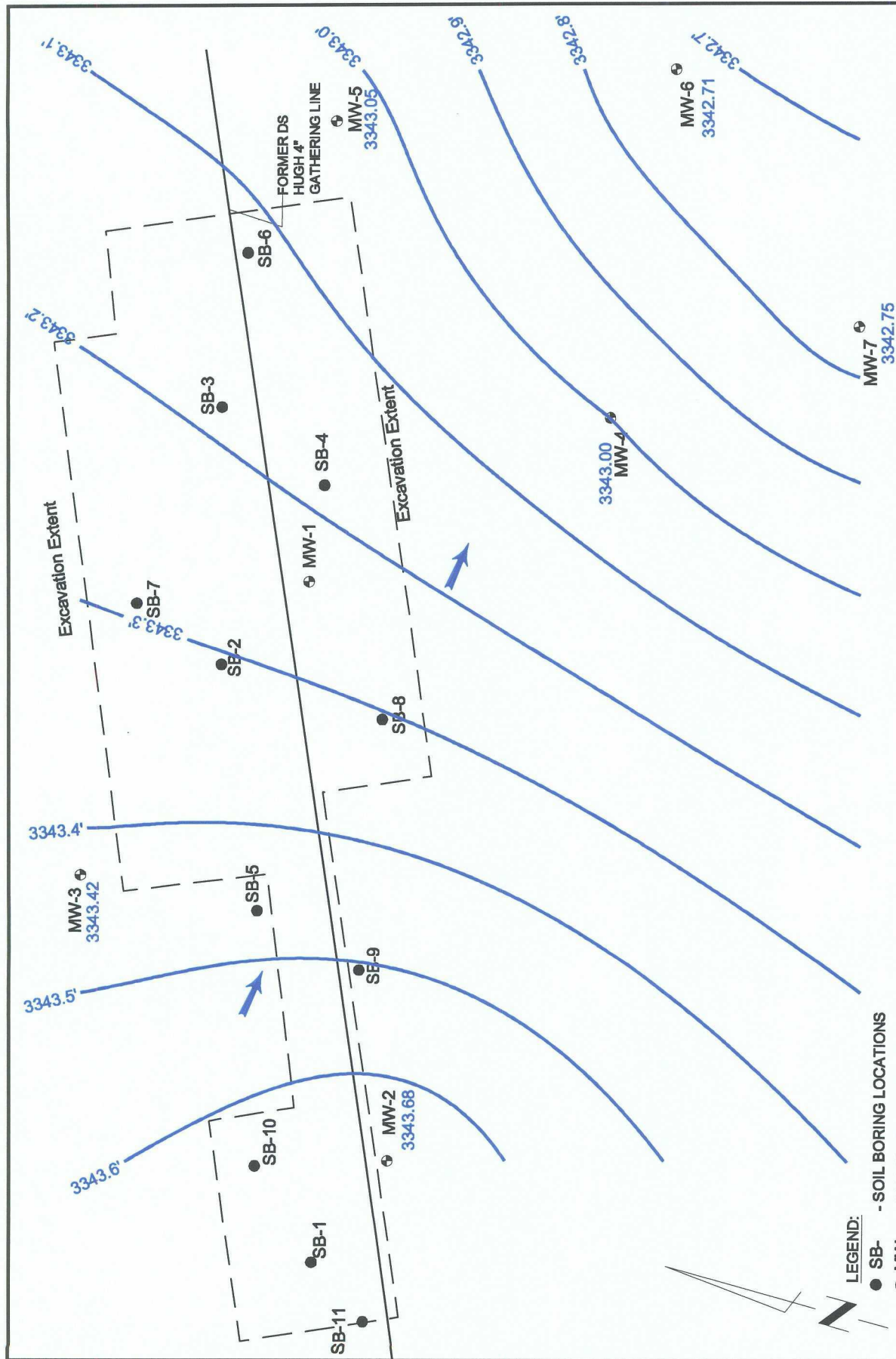


LEGEND:

- 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: MW1 not used to contour due to sock in well.



Figure 3-A
1st Quarter 2007 - Groundwater Gradient Map
March 1, 2007
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: MW1 not used to contour due to sock in well.

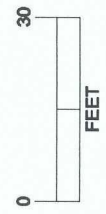
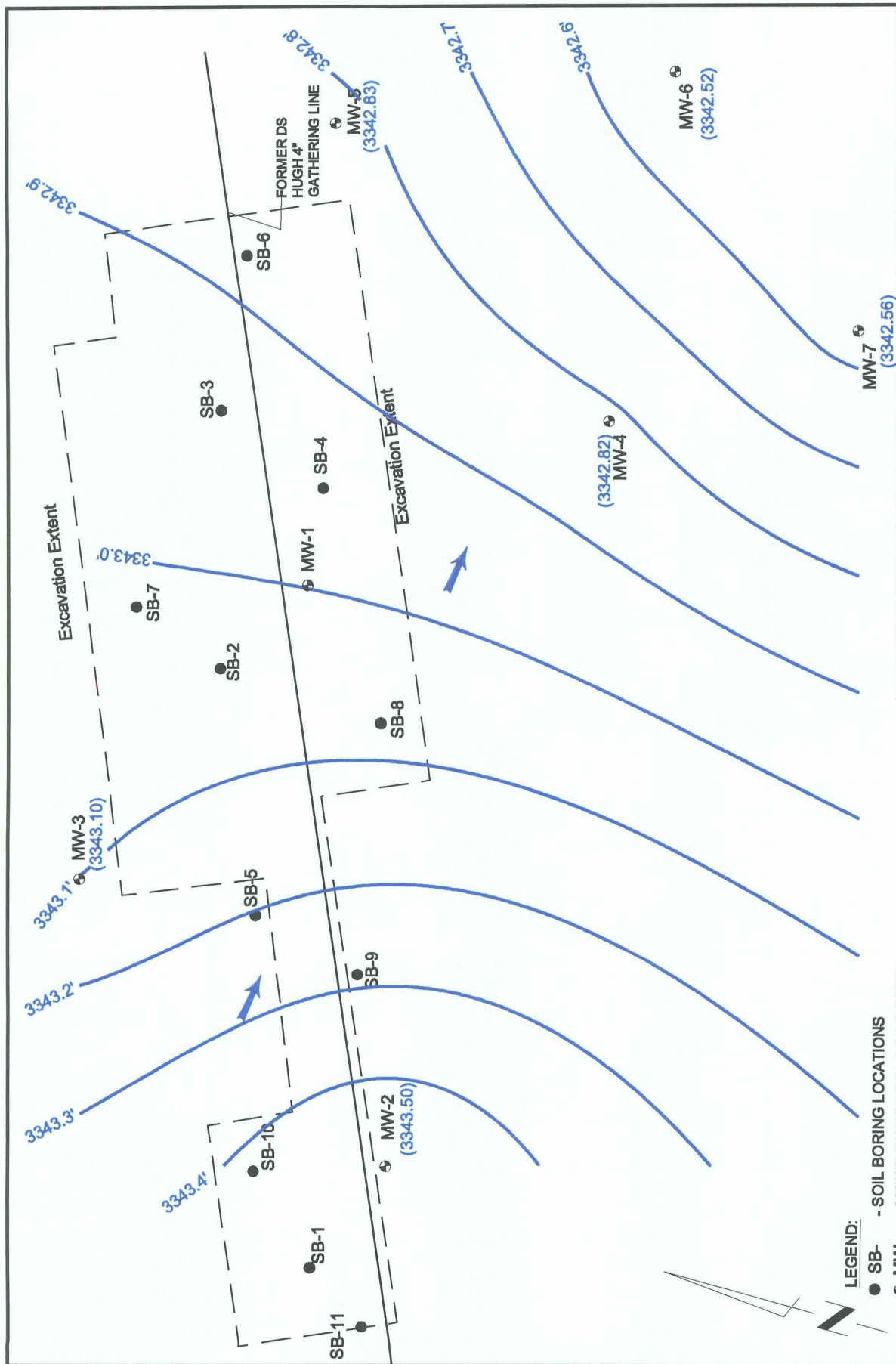


Figure 3-B
2nd Quarter 2007 - Groundwater Gradient Map
May 31, 2007
Plains Marketing L.P.
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico
PROJ. NO: 205071.00 | CK: WM | DATE: 3/08

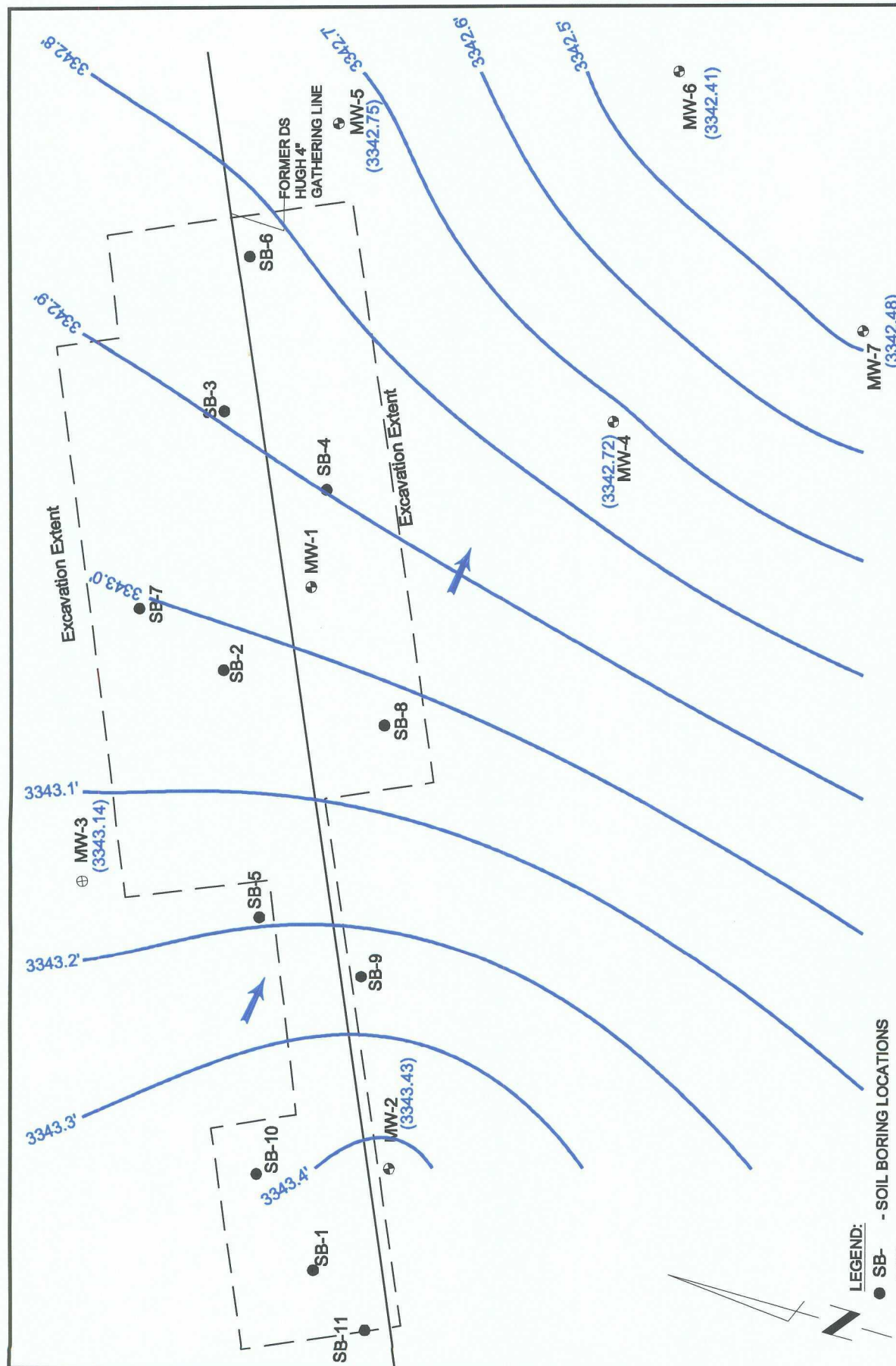


LEGEND:

- 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: MW1 not used to contour due to sock in well.



Figure 3-C
3rd Quarter 2007 - Groundwater Gradient Map
September 7, 2007
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

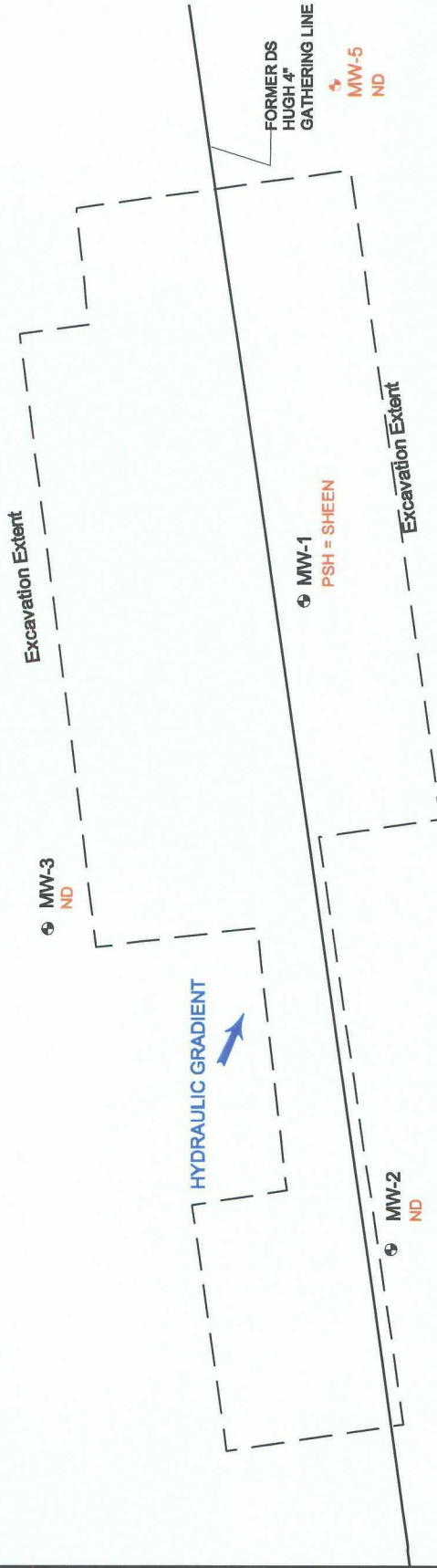


- LEGEND:**
- SB- SOIL BORING LOCATIONS
 - ⊕ MW- MONITORING WELL LOCATIONS
 - - - EXCAVATION EXTENT
 - (3343.08) - Corrected Ground Water Elevation, ft.
 - 3343.0 - Ground Water Elevation Contour, ft. Contour Interval=0.10 ft.
 - ➡ - Apparent Ground Water Flow Direction
- Note: MW1 not used to contour due to PSH in well.



Figure 3-D
4th Quarter 2007 - Groundwater Gradient Map
November 13, 2007
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



MW-4
B=1.060
T=0.186
E=0.294
X=0.195

MW-6
ND

MW-7
X=0.0053

LEGEND:

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

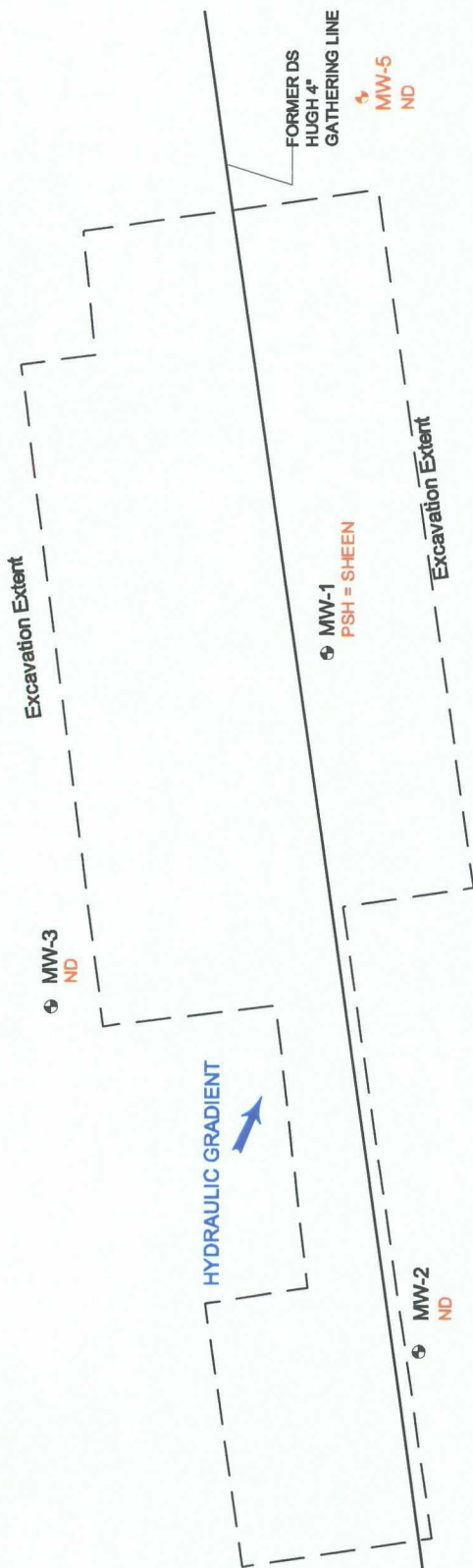
All Concentrations in mg/L.

- B - Benzene
- T - Toluene
- E - Ethylbenzene
- X - Xylenes
- ND - Non-Detectable



Figure 4-A
1st Quarter 2007 - Contaminant Concentration Map
March 7, 2007
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:**
- 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

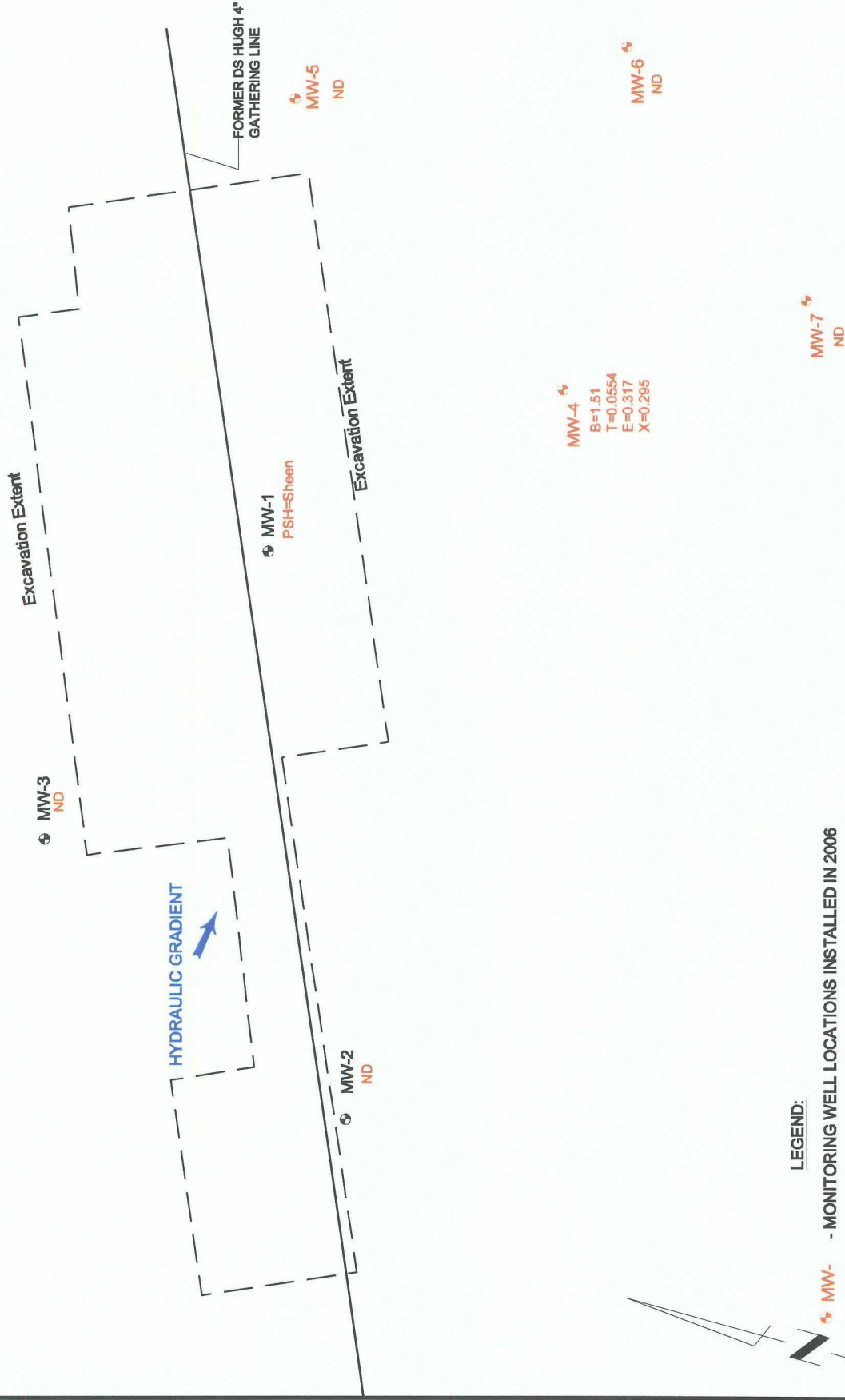


Figure 4-B
2nd Quarter 2007 - Contaminant Concentration Map
June 1, 2007

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

PREMIER
ENVIRONMENTAL SERVICES, INC.

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



LEGEND:

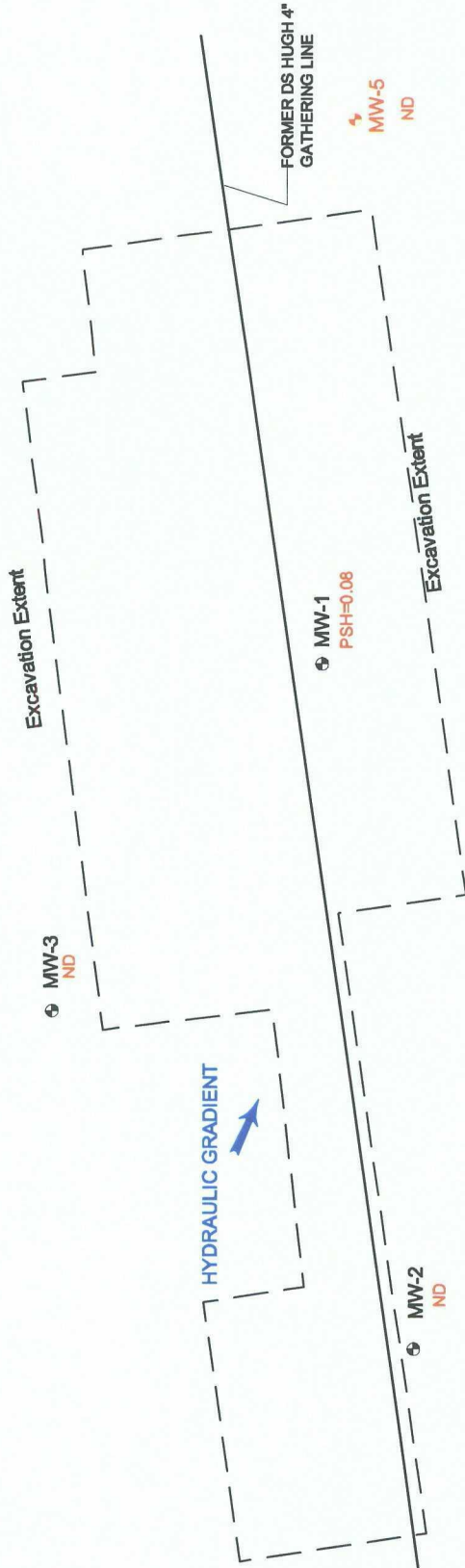
- MW- - MONITORING WELL LOCATIONS INSTALLED IN 2006
- MW- - MONITORING WELL LOCATIONS INSTALLED IN 2005
- - - - EXCAVATION EXTENT

All Concentrations in mg/L.

B - Benzene
T - Toluene
E - Ethylbenzene
X - Xylenes
ND - Non-Detectable



Figure 4-C
3rd Quarter 2007 - Contaminant Concentration Map
September 7, 2007
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



MW-4
B=1.380
T=0.0251
E=0.256
X=0.220

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



Figure 4-D
4th Quarter 2007 - Contaminant Concentration Map
November 13, 2007
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

Appendix B Tables

Table 1 – 2007 Groundwater Elevation and PSH Gauging Data

Table 2 – 2007 Groundwater Analytical Results

TABLE 1
GROUNDWATER ELEVATION DATA

Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Sample Date	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Groundwater Elevation
MW-1	12/21/05	3389.00	59.82	46.22	46.22	0.00	install sock		3342.78
	12/29/05	3389.00		46.16	46.16	0.00	new sock		3342.84
	01/05/06	3389.00		46.26	46.26	0.00	sock		3342.74
	02/09/06	3389.00		45.05	45.05	0.00	sock		3343.95
	02/22/06	3389.00		46.00	46.00	0.00	sock		3343.00
	03/28/06	3389.00		45.94	45.94	0.00	Flip Sock		3343.06
	04/13/06	3389.00		45.98	45.98	0.00	sock		3343.02
	04/25/06	3389.00		45.93	45.93	0.00	sock		3343.07
	05/03/06	3389.00		45.88	45.88	0.00	sock		3343.12
	05/11/06	3389.00		45.90	45.90	0.00	sock		3343.10
	05/24/06	3389.00		45.91	45.91	0.00	sock		3343.09
	06/07/06	3389.00		45.97	45.97	0.00	sock	Purged 5 gal H2O	3343.03
	06/07/06	3389.00		46.10	46.10	0.00	sock	After purging	3342.90
	06/15/06	3389.00		45.92	45.92	0.00	sock		3343.08
	06/29/06	3389.00		46.05	46.05	0.00	sock		3342.95
	07/11/06	3389.00		46.06	46.06	0.00	sock		3342.94
	07/25/06	3389.00		46.11	46.11	0.00	sock		3342.89
	08/09/06	3389.00	59.35	46.22	46.22	0.00	sock		3342.78
	08/22/06	3389.00		46.30	46.30	0.00	new sock	PSH 0 / H2O 10	3342.70
	08/22/06	3389.00		46.58	46.58	0.00			3342.42
	09/12/06	3389.00	59.55	46.27	46.57	0.30	new sock		3342.69
	09/19/06	3389.00		46.36	46.50	0.14		PSH .1 / H2O 9.9	3342.62
	09/19/06	3389.00		46.73	46.73	0.00	new sock		3342.27
	10/03/06	3389.00		46.32	46.32	0.00			3342.68
	10/03/06	3389.00		46.48	46.48	0.00	sock	PSH 0 / H2O 10	3342.52
	10/17/06	3389.00		46.34	46.34	0.00	Removed Sock		3342.66
	10/31/06	3389.00		45.93	45.93	0.00	new sock		3343.07
	11/15/06	3389.00		45.73	45.98	0.25	new sock	PSH .5/ H2O 9.5	3343.23
	11/15/06	3389.00		45.98	45.98	0.00			3343.02
	12/06/06	3389.00		44.55	44.80	0.25	new sock		3344.41
	12/13/06	3389.00		44.51	44.86	0.35		PSH .5 / H2O 4.5	3344.44
	12/13/06	3389.00		45.22	45.22	0.00			3343.78
	01/03/07	3389.00		45.53	45.60	0.07	new sock	PSH 0 / H2O 5	3343.46
	01/09/07	3389.00		45.64	45.64	0.00	sock		3343.36
	01/09/07	3389.00		46.18	46.18	0.00		PSH .25 / H2O 9.50	3342.82
	01/18/07	3389.00		45.50	45.75	0.25	Removed Sock		3343.46
	01/18/07	3389.00		45.72	45.72	0.00		PSH .25 / H2O 8.50	3343.28
	01/25/07	3389.00		45.42	45.62	0.20			3343.55
	01/25/07	3389.00		45.63	45.65	0.02		PSH .25 / H2O 9.50	3343.37
	01/31/07	3389.00		45.35	45.50	0.15			3343.63
	01/31/07	3389.00		45.70	45.70	0.00		PSH Sheen / H2O 10	3343.30
	02/07/07	3389.00		45.40	45.54	0.14			3343.58
	02/07/07	3389.00		45.59	45.59	0.00	install sock	PSH .10 / H2O 9.50	3343.41
	02/14/07	3389.00		45.61	45.61	0.00			3343.39
	02/14/07	3389.00		45.61	45.61	0.00	Flip Sock	PSH Sheen / H2O 10	3343.39
	02/21/07	3389.00		45.58	45.58	0.00			3343.42
	02/21/07	3389.00		45.60	45.60	0.00	Sock	PSH Sheen / H2O 10	3343.40
	03/07/07	3389.00		45.41	45.56	0.15			3343.57
	03/07/07	3389.00		45.53	45.55	0.02	new sock	PSH .25 / H2O 10	3343.47

TABLE 1
GROUNDWATER ELEVATION DATA

Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Sample Date	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Groundwater Elevation
MW-1	03/14/07	3389.00		45.40	45.40	0.00			3343.60
	03/14/07	3389.00		45.58	45.58	0.00	new sock	PSH Sheen / H2O 10	3343.42
	03/21/07	3389.00		45.38	45.38	0.00			3343.62
	03/21/07	3389.00		45.50	45.50	0.00	sock	PSH Sheen / H2O 10	3343.50
	03/28/07	3389.00		45.38	45.38	0.00			3343.62
	03/28/07	3389.00		45.42	45.42	0.00	sock	PSH Sheen / H2O 10	3343.58
	04/10/07	3389.00		45.46	45.46	0.00			3343.54
	04/10/07	3389.00		45.50	45.50	0.00	sock	PSH Sheen / H2O 10	3343.50
	04/18/07	3389.00		45.35	45.35	0.00			3343.65
	04/18/07	3389.00		45.50	45.50	0.00	sock	PSH Sheen / H2O 10	3343.50
	04/24/07	3389.00		45.38	45.38	0.00			3343.62
	04/24/07	3389.00		45.43	45.43	0.00	sock	PSH Sheen / H2O 10	3343.57
	05/03/07	3389.00		45.30	45.30	0.00			3343.70
	05/03/07	3389.00		45.45	45.45	0.00	Flip Sock	PSH Sheen / H2O 10	3343.55
	05/11/07	3389.00		45.40	45.40	0.00			3343.60
	05/11/07	3389.00		45.75	45.75	0.00	Removed Sock	PSH Sheen / H2O 10	3343.25
	05/16/07	3389.00		45.36	45.37	0.01			3343.64
	05/16/07	3389.00		45.71	45.71	0.00	install sock	PSH Sheen / H2O 10	3343.29
	05/23/07	3389.00		45.32	45.32	0.00			3343.68
	05/23/07	3389.00		45.51	45.51	0.00	sock	PSH Sheen / H2O 10	3343.49
	05/31/07	3389.00	59.00	45.28	45.28	0.00	new sock		3343.72
	06/06/07	3389.00	59.00	45.25	45.25	0.00			3343.75
	06/06/07	3389.00	59.00	45.50	45.50	0.00	sock	PSH Sheen / H2O 10	3343.50
	07/05/07	3389.00	58.50	45.35	45.35	0.00			3343.65
	07/05/07	3389.00	58.50	45.65	45.65	0.00	new sock	PSH Sheen / H2O 10	3343.35
	07/11/07	3389.00	58.50	45.37	45.37	0.00			3343.63
	07/11/07	3389.00	58.50	45.61	45.61	0.00	sock	PSH Sheen / H2O 10	3343.39
	07/19/07	3389.00	58.50	45.40	45.40	0.00			3343.60
	07/19/07	3389.00	58.50	45.86	45.86	0.00	sock	PSH Sheen / H2O 10	3343.14
	07/24/07	3389.00	58.50	45.47	45.47	0.00			3343.53
	07/24/07	3389.00	58.50	45.91	45.91	0.00	sock	PSH Sheen / H2O 10	3343.09
	07/31/07	3389.00	58.51	45.50	45.50	0.00			3343.50
	07/31/07	3389.00	58.51	45.99	45.99	0.00	sock	PSH Sheen / H2O 10	3343.01
	08/09/07	3389.00	58.51	45.42	45.42	0.00			3343.58
	08/09/07	3389.00	58.51	45.91	45.91	0.00	new sock	PSH Sheen / H2O 10	3343.09
	08/16/07	3389.00	58.51	45.41	45.41	0.00			3343.59
	08/16/07	3389.00	58.51	45.86	45.86	0.00	Sock	PSH Sheen / H2O 10	3343.14
	08/22/07	3389.00	58.51	45.31	45.31	0.00			3343.69
	08/22/07	3389.00	58.51	45.75	45.75	0.00	Sock	PSH Sheen / H2O 10	3343.25
	08/28/07	3389.00	58.51	45.44	45.49	0.05			3343.55
	08/28/07	3389.00	58.51	45.75	45.75	0.00	Sock	PSH Sheen / H2O 10	3343.25
	09/07/07	3389.00	58.55	45.54	45.54	0.00			3343.46
	09/13/07	3389.00	58.55	45.62	45.62	0.00	Sock		3343.38
	09/13/07	3389.00	58.55	45.98	45.98	0.00	Sock	PSH Sheen / H2O 10	3343.02
	09/18/07	3389.00	58.55	45.50	45.50	0.00	Sock		3343.50
	09/18/07	3389.00	58.55	45.72	45.72	0.00	Sock	PSH Sheen / H2O 10	3343.28
	09/26/07	3389.00	58.55	45.51	45.51	0.00	Sock		3343.49
	09/26/07	3389.00	58.55	45.76	45.76	0.00	Sock	PSH Sheen / H2O 10	3343.24
	10/04/07	3389.00	58.55	46.00	46.00	0.00	Sock		3343.00

TABLE 1
GROUNDWATER ELEVATION DATA

Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Sample Date	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Groundwater Elevation
MW-1	10/04/07	3389.00	58.55	46.33	46.33	0.00	Sock	PSH Sheen / H2O 9	3342.67
	10/10/07	3389.00	58.55	46.14	46.14	0.00	Sock		3342.86
	10/10/07	3389.00	58.55	46.44	46.44	0.00	Sock	PSH Sheen / H2O 9	3342.56
	10/17/07	3389.00	58.55	46.15	46.15	0.00	Sock		3342.85
	10/17/07	3389.00	58.55	46.32	46.32	0.00	Sock	PSH Sheen / H2O 9	3342.68
	10/24/07	3389.00	58.55	47.35	47.68	0.33	new sock		3341.60
	10/24/07	3389.00	58.55	46.65	46.80	0.15	Sock	PSH Sheen / H2O 40	3342.33
	10/31/07	3389.00	58.55	45.52	45.98	0.46	new sock		3343.41
	10/31/07	3389.00	58.55	46.23	46.23	0.00		PSH .5 / H2O 10	3342.77
	11/07/07	3389.00	58.55	45.63	46.02	0.39	sock		3343.31
	11/07/07	3389.00	58.55	46.10	46.14	0.04		PSH .5 / H2O 9	3342.89
	11/13/07	3389.00	58.55	45.50	45.96	0.46	sock		3343.43
	11/20/07	3389.00	58.55	45.50	45.96	0.46	sock		3343.43
	11/20/07	3389.00	58.55	46.17	46.18	0.01			3342.83
	11/27/07	3389.00	58.55	45.90	45.98	0.08	sock	PSH .10 / H2O 9	3343.09
	11/27/07	3389.00	58.55	46.10	46.10	0.00			3342.90
	12/05/07	3389.00	58.55	45.50	45.60	0.10	new sock	PSH .10 / H2O 9	3343.49
	12/05/07	3389.00	58.55	46.15	46.15	0.00			3342.85
	12/12/07	3389.00	58.55	45.58	45.58	0.00	sock	PSH sheen / H2O 9	3343.42
	12/12/07	3389.00	58.55	46.00	46.00	0.00			3343.00
	12/18/07	3389.00	58.55	45.50	45.63	0.13	new sock	PSH .20 / H2O 9	3343.48
	12/18/07	3389.00	58.55	46.22	46.22	0.00			3342.78
	12/28/07	3389.00	58.55	45.62	45.62	0.00	new sock	PSH Sheen / H2O 9	3343.38
	12/28/07	3389.00	58.55	45.98	45.98	0.00			3343.02
MW-2	12/21/05	3388.28	59.34		45.23				3343.05
	12/29/05	3388.28			45.15				3343.13
	01/05/06	3388.28			45.25				3343.03
	02/09/06	3388.28			45.02				3343.26
	02/22/06	3388.28			45.00				3343.28
	03/28/06	3388.28	59.33		44.90				3343.38
	04/13/06	3388.28			44.95				3343.33
	04/25/06	3388.28			44.93				3343.35
	05/03/06	3388.28			44.88				3343.40
	05/11/06	3388.38			44.96				3343.42
	05/24/06	3388.38			44.92				3343.46
	06/07/06	3388.38			44.91				3343.47
	06/15/06	3388.38			44.92				3343.46
	06/29/06	3388.38			45.02				3343.36
	07/11/06	3388.38			45.05				3343.33
	07/25/06	3388.38			45.13				3343.25
	08/09/06	3388.38	59.33		45.19				3343.19
	08/22/06	3388.38			45.27				3343.11
	09/12/06	3388.38	59.30		45.30				3343.08
	09/19/06	3388.38	59.30		45.33				3343.05
	10/03/06	3388.38	59.30		45.32				3343.06
	10/17/06	3388.38			45.25				3343.13

TABLE 1
GROUNDWATER ELEVATION DATA

Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Sample Date	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Groundwater Elevation
MW-2	10/31/06	3388.38			45.61				3342.77
	11/15/06	3388.38			45.18				3343.20
	12/06/06	3388.38	59.33		45.05				3343.33
	12/13/06	3388.38			45.36				3343.02
	01/03/07	3388.38			44.95				3343.43
	01/09/07	3388.38			45.00				3343.38
	01/18/07	3388.38			44.92				3343.46
	01/25/07	3388.38			44.91				3343.47
	01/31/07	3388.38			44.84				3343.54
	02/07/07	3388.38			44.86				3343.52
	02/14/07	3388.38			44.88				3343.50
	03/01/07	3388.38	59.33		44.82				3343.56
	05/03/07	3388.38	59.33		44.70				3343.68
	05/31/07	3388.38	59.33		44.70				3343.68
	06/06/07	3388.38	59.37		44.67				3343.71
	07/05/07	3388.38	59.26		44.77				3343.61
	07/31/07	3388.38	59.25		44.51				3343.87
	09/07/07	3388.38	59.37		44.88				3343.50
	10/04/07	3388.38	59.37		44.95				3343.43
	11/13/07	3388.38	59.36		44.95				3343.43
	12/05/07	3388.38	59.36		44.94				3343.44
MW-3	12/21/05	3388.62	59.69		45.57				3343.05
	12/29/05	3388.62			45.52				3343.10
	01/05/06	3388.62			45.60				3343.02
	02/09/06	3388.62			45.41				3343.21
	02/22/06	3388.62			45.33				3343.29
	03/28/06	3388.62	59.70		45.23				3343.39
	04/13/06	3388.52			45.31				3343.21
	04/25/06	3388.52			45.30				3343.22
	05/03/06	3388.52			45.23				3343.29
	05/11/06	3388.52			45.36				3343.16
	05/24/06	3388.52			45.28				3343.24
	06/07/06	3388.52			45.28				3343.24
	6/15/06	3388.52			45.30				3343.22
	06/29/06	3388.52			45.39				3343.13
	07/11/06	3388.52			45.41				3343.11
	07/25/06	3388.52			45.50				3343.02
	08/09/06	3388.52	59.70		45.57				3342.95
	08/22/06	3388.52			45.63				3342.89
	09/12/06	3388.52	59.68		45.65				3342.87
	09/19/06	3388.52			45.69				3342.83
	10/03/06	3388.52			45.67				3342.85
	10/17/06	3388.52			45.62				3342.90
	10/31/06	3388.52			45.23				3343.29
	11/15/06	3388.52			45.57				3342.95
	12/06/06	3388.52	59.62		45.45				3343.07
	12/13/06	3388.52			45.73				3342.79

TABLE 1
GROUNDWATER ELEVATION DATA

Plains Marketing L.P.
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Well Number	Sample Date	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Groundwater Elevation
MW-3	01/03/07	3388.52			45.32				3343.20
	01/09/07	3388.52			45.36				3343.16
	01/18/07	3388.52			45.29				3343.23
	01/25/07	3388.52			45.28				3343.24
	01/31/07	3388.52			45.20				3343.32
	02/07/07	3388.52			45.24				3343.28
	02/14/07	3388.52			45.27				3343.25
	03/01/07	3388.52	59.67		45.20				3343.32
	05/03/07	3388.52	59.67		45.08				3343.44
	05/31/07	3388.52	59.70		45.10				3343.42
	06/06/07	3388.52	59.70		45.08				3343.44
	07/05/07	3388.52	59.71		45.19				3343.33
	07/31/07	3388.52	59.71		45.21				3343.31
	09/06/07	3388.52	59.70		45.42				3343.10
	10/04/07	3388.52	59.70		45.37				3343.15
	11/13/07	3388.52	59.70		45.38				3343.14
	12/05/07	3388.52	59.70		45.34				3343.18
MW-4	03/21/06	3388.92	59.80		46.12				3342.80
	03/28/06	3388.92	59.06		46.03				3342.89
	04/13/06	3388.92			46.08				3342.84
	04/25/06	3388.92			46.01				3342.91
	05/03/06	3388.92	59.05		46.01		bailed	7 gallons	3342.91
	05/03/06	3388.92			46.01			after purge	3342.91
	05/11/06	3388.92			46.07				3342.85
	05/24/06	3388.92			46.05				3342.87
	06/07/06	3388.92			46.03				3342.89
	06/15/06	3388.92			46.05				3342.87
	06/29/06	3388.92			46.15				3342.77
	07/11/06	3388.92			46.18				3342.74
	07/25/06	3388.92			46.24				3342.68
	08/09/06	3388.92	59.01		46.33				3342.59
	08/22/06	3388.92			46.37				3342.55
	09/12/06	3388.92	59.01		46.41				3342.51
	09/19/06	3388.92	59.01		46.46				3342.46
	10/03/06	3388.92	59.01		46.45				3342.47
	10/17/06	3388.92			46.38				3342.54
	10/31/06	3388.92			46.36				3342.56
	11/15/06	3388.92			46.78				3342.14
	12/06/06	3388.92	58.92		46.25				3342.67
	12/13/06	3388.92			46.51				3342.41
	01/03/07	3388.92			46.06				3342.86
	01/09/07	3388.92			46.18				3342.74
	01/18/07	3388.92			46.10		Bailed 11Min	10 gal H2O	3342.82
	01/18/07	3388.92			46.15		Bailed 11Min	10 gal H2O	3342.77
	01/18/07	3388.92			46.10				3342.82
	01/25/07	3388.92			46.06				3342.86
	01/31/07	3388.92			45.98				3342.94

TABLE 1
GROUNDWATER ELEVATION DATA

Plains Marketing L.P.
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D. S. Hugh Site
Lea County, New Mexico

Well Number	Sample Date	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Groundwater Elevation
MW-4	02/07/07	3388.92			46.43				3342.49
	02/14/07	3388.92			46.46				3342.46
	03/01/07	3388.92	58.95		45.98				3342.94
	05/03/07	3388.92	58.95		45.90				3343.02
	05/31/07	3388.92	58.96		45.92				3343.00
	06/06/04	3388.92	58.95		45.88				3343.04
	07/05/07	3388.92	58.94		45.98				3342.94
	07/31/07	3388.92	58.95		46.00				3342.92
	09/07/07	3388.92	58.95		46.10				3342.82
	09/13/07	3388.92	58.95		46.27				3342.65
	09/13/07	3388.92	58.95		46.88		pump	Purged 100 Gal	3342.04
	09/18/07	3388.92	58.95		46.11				3342.81
	09/18/07	3388.92	58.95		46.60		pump	Purged 50 Gal	3342.32
	09/26/07	3388.92	58.95		46.16				3342.76
	09/26/07	3388.92	58.95		46.73		pump	Purged 50 Gal	3342.19
	10/04/07	3388.92	58.95		46.15				3342.77
	10/04/07	3388.92	58.93		46.99		pump	Purged 50 Gal	3341.93
	10/10/07	3388.92	58.95		46.21				3342.71
	10/10/07	3388.92	58.93		46.92		pump	Purged 50 Gal	3342.00
	10/17/07	3388.92	58.95		46.20				3342.72
	10/17/07	3388.92	58.93		46.74		pump	Purged 50 Gal	3342.18
	10/24/07	3388.92	58.95		45.25				3343.67
	10/24/07	3388.92	58.93		45.30		pump	Purged 50 Gal	3343.62
	11/07/07	3388.92	58.95		46.27				3342.65
	11/07/07	3388.92	58.93		46.30		pump	Purged 50 Gal	3342.62
	11/13/07	3388.92	58.93		46.20				3342.72
	12/05/07	3388.92	58.93		46.15				3342.77
MW-5	03/21/06	3389.40	59.27		46.50				3342.90
	03/28/06	3389.40	59.27		46.44				3342.96
	04/13/06	3389.40			46.48				3342.92
	04/25/06	3389.40			46.47				3342.93
	05/03/06	3389.40			46.41				3342.99
	05/11/06	3389.40			46.47				3342.93
	05/24/06	3389.40			46.46				3342.94
	06/07/06	3389.40			46.44				3342.96
	06/15/06	3389.40			46.48				3342.92
	06/29/06	3389.40			46.56				3342.84
	07/11/06	3389.40			46.51				3342.89
	07/25/06	3389.40			46.63				3342.77
	08/09/06	3389.40	59.10		46.68				3342.72
	08/22/06	3389.40			46.77				3342.63
	09/12/06	3389.40	59.24		46.84				3342.56
	09/19/06	3389.40	59.24		46.86				3342.54
	10/03/06	3389.40	59.24		46.85				3342.55
	10/17/06	3389.40			46.80				3342.60
	10/31/06	3389.40			46.79				3342.61
	11/15/06	3389.40			46.35				3343.05

TABLE 1
GROUNDWATER ELEVATION DATA

Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Sample Date	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Groundwater Elevation
MW-5	12/06/06	3389.40	59.20		46.65				3342.75
	12/13/06	3389.40			46.71				3342.69
	01/03/06	3389.40			46.55				3342.85
	01/09/07	3389.40			46.60				3342.80
	01/18/07	3389.40			46.51				3342.89
	01/25/07	3389.40			46.47				3342.93
	01/31/07	3389.40			46.39				3343.01
	02/07/07	3389.40			46.02				3343.38
	02/14/07	3389.40			46.05				3343.35
	03/01/07	3389.40	59.15		46.35				3343.05
	05/31/07	3389.40	59.13		46.35				3343.05
	06/06/07	3389.40	59.13		46.30				3343.10
	07/05/07	3389.40	59.24		46.44				3342.96
	07/31/07	3389.40	59.23		46.48				3342.92
	09/06/07	3389.40	59.23		46.57				3342.83
	10/04/07	3389.40	59.25		46.67				3342.73
	11/13/07	3389.40	59.16		46.65				3342.75
	12/05/07	3389.40	59.16		46.60				3342.80
MW-6	05/24/06	3389.72			47.12				3342.60
	06/07/06	3389.72	59.25		47.10				3342.62
	06/07/06	3389.72			47.15		bailed	Purged 5 gal	3342.57
	06/15/06	3389.72			47.13				3342.59
	06/29/06	3389.72			47.20				3342.52
	07/11/06	3389.72			47.23				3342.49
	07/25/06	3389.72			47.28				3342.44
	08/09/06	3389.72			47.35				3342.37
	08/22/06	3389.72			47.43				3342.29
	09/12/06	3389.72	58.10		47.46				3342.26
	09/19/06	3389.72			47.51				3342.21
	10/03/06	3389.72			47.51				3342.21
	10/17/06	3389.72			47.48				3342.24
	10/31/06	3389.72			47.45				3342.27
	11-615-06	3389.72			47.00				3342.72
	12/06/06	3389.72	57.61		47.34				3342.38
	12/13/06	3389.72			47.50				3342.22
	01/03/06	3389.72			47.20				3342.52
	01/09/07	3389.72			47.25				3342.47
	01/18/07	3389.72			47.18				3342.54
	01/25/07	3389.72			47.15				3342.57
	01/31/07	3389.72			47.07				3342.65
	02/07/07	3389.72			47.12				3342.60
	02/14/07	3389.72			47.17				3342.55
	03/01/07	3389.72	57.60		47.08				3342.64
	05/03/07	3389.72	57.60		47.00				3342.72
	05/31/07	3389.72	57.21		47.01				3342.71
	06/06/07	3389.72	57.21		46.97				3342.75
	07/05/07	3389.72	57.60		47.09				3342.63

TABLE 1
GROUNDWATER ELEVATION DATA

Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

Well Number	Sample Date	TOC Elevation	Depth of Well	Depth to PSH	Depth to Water	PSH Thickness	Recovery Method	PSH Recovered (gallons)	Groundwater Elevation
MW-6	07/31/07	3389.72	57.60		47.12				3342.60
	09/06/07	3389.72	57.60		47.20				3342.52
	10/04/07	3389.72	57.60		47.24				3342.48
	11/13/07	3389.72	57.58		47.31				3342.41
	12/05/07	3389.72	57.58		47.25				3342.47
MW-7	05/24/06	3389.28			46.67				3342.61
	06/07/06	3389.28	57.90		46.69				3342.59
	06/07/06	3389.28			46.77		bailed	Purged 5 gal	3342.51
	06/15/06	3389.28			46.67				3342.61
	06/29/06	3389.28			46.77				3342.51
	07/11/06	3389.28			46.78				3342.50
	07/25/06	3389.28			46.84				3342.44
	08/09/06	3389.28	56.36		46.94				3342.34
	08/22/06	3389.28			46.98				3342.30
	09/12/06	3389.28	56.54		47.03				3342.25
	09/19/06	3389.28			47.07				3342.21
	10/03/06	3389.28			47.05				3342.23
	10/17/06	3389.28			47.04				3342.24
	10/31/06	3389.28			46.98				3342.30
	11/15/06	3389.28			47.43				3341.85
	12/06/06	3389.28	56.33		46.88				3342.40
	12/13/06	3389.28			47.00				3342.28
	01/03/06	3389.28			46.75				3342.53
	01/09/07	3389.28			46.81				3342.47
	01/18/07	3389.28			46.71				3342.57
	01/25/07	3389.28			46.70				3342.58
	01/31/07	3389.28			46.62				3342.66
	02/07/07	3389.28			46.65				3342.63
	02/14/07	3389.28			46.69				3342.59
	03/01/07	3389.28	55.99		46.62				3342.66
	05/03/07	3389.28	55.99		46.53				3342.75
	05/31/07	3389.28	55.98		46.53				3342.75
	06/06/07	3389.28	55.98		46.50				3342.78
	07/05/07	3389.28	56.01		46.60				3342.68
	07/31/07	3389.28	56.02		46.63				3342.65
	09/06/07	3389.28	56.02		46.72				3342.56
	10/04/07	3389.28	56.02		46.78				3342.50
	11/13/07	3389.28	58.97		46.80				3342.48
	12/05/07	3389.28	58.97		46.75				3342.53

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS

Plains Marketing L.P.
SRS No. 2000-10807
D. S. Hugh Site
Lea County, New Mexico

SAMPLE LOCATION	SAMPLE ID	SAMPLE DATE	BENZENE mg/L	TOLUENE mg/L	ETHYL- BENZENE mg/L	Total XYLENES mg/L	BTEX mg/L
			NMOCD Remediation Criteria				
			0.01	0.750	0.750	0.620	
MW-1		12/21/2005	NS	NS	NS	NS	Sheen
MW-1		3/28/2006	NS	NS	NS	NS	Sheen
MW-1		6/15/2006	NS	NS	NS	NS	Sheen
MW-1		9/12/2006	NS	NS	NS	NS	Sheen
MW-1		3/1/2007	NS	NS	NS	NS	Sheen
MW-2	T12186-1	12/21/2005	<0.002	<0.002	<0.002	<0.006	<0.002
MW-2	T13038-1	3/28/2006	<0.00038	<0.00036	<0.00035	<0.00072	<0.00072
MW-2	T13864-1	6/15/2006	<0.00038	<0.00036	<0.00035	<0.00072	<0.00072
MW-2	T14673-1	9/12/2006	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-2	T15625-1	12/6/2006	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-2	T16518-1	3/1/2007	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-2	T17666-1	6/1/2007	<0.00021	<0.00023	<0.00035	<0.00055	<0.00055
MW-2	T18804-1	9/7/2007	<0.00021	<0.00023	<0.00035	<0.00055	<0.00055
MW-2	T19746-1	11/13/2007	<0.0005	<0.0005	<0.0005	<0.001	<0.001
MW-3	T12186-2	12/21/2005	<0.002	<0.002	<0.002	<0.006	<0.002
MW-3	T13038-2	3/28/2006	<0.00038	<0.00036	<0.00035	<0.00072	<0.00072
MW-3	T13864-2	6/15/2006	<0.00038	<0.00036	<0.00035	<0.00072	<0.00072
MW-3	T14673-2	9/12/2006	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-3	T15625-2	12/6/2006	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-3	T16518-2	3/1/2007	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-3	T17666-2	6/1/2007	<0.00021	<0.00023	<0.00035	<0.00055	<0.00055
MW-3	T18804-2	9/7/2007	<0.00021	<0.00023	<0.00035	<0.00055	<0.00055
MW-3	T19746-2	11/13/2007	<0.0005	<0.0005	<0.0005	<0.001	<0.001
MW-4	T13038-3	3/28/2006	0.2^a	0.0535	0.0384	0.115	0.4069
MW-4	T13864-3	6/15/2006	0.41^a	0.0926	0.144 ^a	0.403 ^a	1.0496
MW-4	T14673-3	9/12/2006	0.617^a	0.025	0.232 ^a	0.208	1.082
MW-4	T15625-3	12/6/2006	1.25^a	0.196	0.581 ^a	0.818	2.845
MW-4	T16518-3	3/1/2007	1.06	0.186	0.294	0.195	1.735
MW-4	T17666-3	6/1/2007	1.25	0.0195J	0.349	0.192	1.791
MW-4	T18804-3	9/7/2007	1.51	0.0554	0.317	0.295	2.1774
MW-4	T19746-3	11/13/2007	1.38^a	0.0251	0.256	0.22	0.5011
MW-5	T13038-4	3/28/2006	<0.00038	<0.00036	<0.00035	<0.00072	<0.00072
MW-5	T13864-4	6/15/2006	<0.00038	<0.00036	<0.00035	<0.00072	<0.00072
MW-5	T14673-4	9/12/2006	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-5	T15625-4	12/6/2006	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-5	T16518-4	3/1/2007	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-5	T17666-4	6/1/2007	<0.00021	<0.00023	<0.00035	<0.00055	<0.00055
MW-5	T18804-4	9/7/2007	<0.00021	<0.00023	<0.00035	<0.00055	<0.00055
MW-5	T19746-4	11/13/2007	<0.0005	<0.0005	<0.0005	<0.001	<0.001
MW-6	T13864-5	6/15/2006	<0.00038	<0.00036	<0.00035	<0.00072	<0.00072
MW-6	T14673-5	9/12/2006	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-6	T15625-5	12/6/2006	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-6	T16518-5	3/1/2007	<0.00035	<0.00020	<0.00033	<0.00036	<0.00036
MW-6	T17666-5	6/1/2007	<0.00021	<0.00023	<0.00035	0.0014J	0.0014J
MW-6	T18804-5	9/7/2007	<0.00021	<0.00023	<0.00035	<0.00055	<0.00055
MW-6	T19746-5	11/13/2007	<0.0005	<0.0005	<0.0005	<0.001	<0.001
MW-7	T13864-6	6/15/2006	<0.00038	<0.00036	<0.00035	<0.00072	<0.00072
MW-7	T14673-6	9/12/2006	0.0163	<0.00020	<0.00033	0.0036	0.0199
MW-7	T15625-6	12/6/2006	0.011	<0.00020	<0.00033	0.004	0.015
MW-7	T16518-6	3/1/2007	<0.00035	<0.00020	<0.00033	0.0053	0.0053
MW-7	T17666-6	6/1/2007	<0.00021	<0.00023	<0.00035	<0.00055	<0.00055
MW-7	T18804-6	9/7/2007	<0.00021	<0.00023	<0.00035	<0.00055	<0.00055
MW-7	T19746-6	11/13/2007	<0.0005	<0.0005	<0.0005	<0.001	<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 value

Appendix C

Groundwater Analytical Reports

(Available Electronically on CD Only)

- 1st Quarter 2007 Analytical Reports– T16511**
- 2nd Quarter 2007 Analytical Reports– T17655**
- 3rd Quarter 2007 Analytical Reports– T18805**
- 4th Quarter 2007 Analytical Reports– T19776**

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.
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LOCATION OF RELEASE

Unit Letter K	Section 26	Township 21S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude 32° 26' 48" Longitude 103° 08' 07"

NATURE OF RELEASE

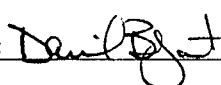
Type of Release Crude Oil	Volume of Release 20 barrels	Volume Recovered 5 barrels
Source of Release Steel Pipeline	Date and Hour of Occurrence 11/10/2000	Date and Hour of Discovery 11/10/2000 13:20
Was Immediate Notice Given? Yes ☒ No ☐ Not Required	If YES, To Whom? Donna Williams	
By Whom? Wayne Brunette	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: 		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:	
Date: 4/7/2006 Phone: 432-686-1769		Attached ☐	

* Attach Additional Sheets If Necessary

DISTRIBUTION

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New Mexico Oil Conservation Division Environmental Bureau
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Santa Fe, NM 87505
edwardj.hansen@state.nm.us

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New Mexico Oil Conservation Division Environmental Bureau
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