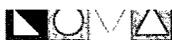


AP - 13

REPORT

DATE:

2006



AP-13
Report
2006

2006
ANNUAL MONITORING REPORT

TNM 97-18

SW ¼ NE ¼ of SECTION 28, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS EMS NUMBER: TNM 97-18-KNOWN
NMOCD Reference AP-0013

PREPARED FOR:

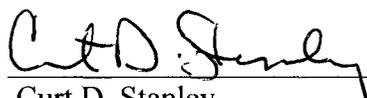
PLAINS MARKETING, L.P.
333 CLAY STREET, SUITE 1600
HOUSTON, TEXAS 77002



PREPARED BY:

NOVA Safety and Environmental
2057 Commerce
Midland, Texas 79703

March 2007


Curt D. Stanley
Project Manager

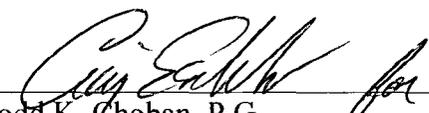

Todd K. Choban, P.G.
Vice-President Technical Services

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Figure 2A – Inferred Groundwater Gradient Map - March 9, 2006

2B – Inferred Groundwater Gradient Map - June 8, 2006

2C – Inferred Groundwater Gradient Map - September 15, 2006

2D – Inferred Groundwater Gradient Map – November 29, 2006

Figure 3A – Groundwater Concentration and Inferred PSH Extent Map - March 9, 2006

3B – Groundwater Concentration and Inferred PSH Extent Map - June 8, 2006

3C – Groundwater Concentration and Inferred PSH Extent Map - September 15, 2006

3D – Groundwater Concentration and Inferred PSH Extent Map – November 29, 2006

TABLES

Table 1 – 2006 Groundwater Elevation Data

Table 2 – 2006 Concentrations of BTEX in Groundwater

APPENDICES

Appendix A – Release Notification and Corrective Action (Form C-141)

ENCLOSED ON DATA DISK

2006 Annual Monitoring Report

2006 Tables 1 and 2 - Groundwater Elevation and BTEX Concentration Data

2006 Figures 1, 2A-2B, and 3A-3B

Electronic Copies of Laboratory Reports

Historic Groundwater Elevation Tables

Historic BTEX Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA. The TNM 97-18 pipeline release site (the site), formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, appendices, tables and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2006 only. Historic data is provided on the enclosed data disk. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2006 to assess the extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitor event consisted of measuring static water levels in the monitor wells, checking for the presence of PSH on the water column and the purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The TNM 97-18 release occurred on September 10, 1997. The site is located south of Monument, New Mexico in the Southwest $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of Section 28, Township 20 South, Range 37 East. According to Form C-141, an estimated 83 barrels of crude oil was released from the 16-inch pipeline of which none was recovered. The Release Notification and Corrective Action (Form C-141) is provided as Appendix A. Previous consultants reported approximately 799 cubic yards of impacted soil was excavated from the area around the release point and stockpiled on site.

Currently there are twenty seven (27) monitor wells (MW-1 through MW-30 excluding MW-13, MW-19, and MW-29 which have been plugged and abandoned) and two (2) recovery wells (RW-1 and RW-2) onsite. For the 2006 reporting period, a pneumatic product recovery system operated onsite incorporating three monitor wells (MW-4, MW-5 and MW-7). The product recovery system was discontinued at the end of 2006, due to declining PSH thicknesses on site. Manual product recovery was conducted at monitor wells MW-2, MW-6 and MW-10 and on recovery wells RW-1 and RW-2 during the 2006 calendar year.

FIELD ACTIVITIES

A measurable thickness of PSH was present in six (6) monitor wells (MW-2, MW-4 through MW-7 and MW-10) and the two (2) recovery wells (RW-1 and RW-2) during the reporting period. The average thickness of PSH in monitor wells and recovery wells exhibiting PSH was 0.14 feet. In comparison of the 2005 reporting period, the average PSH thickness in monitor wells exhibiting PSH was 0.33 feet. The maximum thickness of PSH in monitor wells and recovery wells was 1.02 feet as recorded in monitor well MW-7 on October 9, 2006. PSH data

for the 2006 gauging events can be found in Table 1. Approximately 48 gallons (1.1 barrels) of PSH was recovered from the site during the 2006 reporting period. A total of approximately 1,110 gallons (26.4 barrels) of PSH has been recovered since project inception.

Quarterly monitoring events for the reporting period were performed according to the following reduced sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondence dated June 22, 2005.

NMOCD APPROVED SAMPLING SCHEDULE					
Location	Schedule	Location	Schedule	Location	Schedule
MW-1	Annually	MW-12	Annually	MW-23	Quarterly
MW-2	Quarterly	MW-13	Plugged and Abandoned	MW-24	Quarterly
MW-3	Quarterly	MW-14	Annually	MW-25	Quarterly
MW-4	Quarterly	MW-15	Annually	MW-26	Annually
MW-5	Quarterly	MW-16	Annually	MW-27	Quarterly
MW-6	Quarterly	MW-17	Quarterly	MW-28	Semi-Annually
MW-7	Quarterly	MW-18	Quarterly	MW-29	Plugged and Abandoned
MW-8	Annually	MW-19	Plugged and Abandoned	MW-30	Semi-Annually
MW-9	Annually	MW-20	Annually		
MW-10	Quarterly	MW-21	Annually	RW-1	Quarterly
MW-11	Annually	MW-22	Annually	RW-2	Quarterly

The site monitor wells were gauged and sampled on March 9, June 8, September 15, and November 29, 2006. During each sampling event, monitor wells were purged of approximately three well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Key Energy utilizing a licensed disposal facility (NMOCD AO SWD-730).

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2006, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2006 is provided as Table 1. Historic groundwater elevation data beginning at project inception is enclosed on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.007 feet/foot to the southeast as measured between MW-3 and MW-30. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,469.19 to 3475.66 feet above mean sea level, in monitor wells MW-27 on June 8, 2006 and in MW-1 on December 18, 2006, respectively.

LABORATORY RESULTS

Monitor wells MW-4, MW-5, MW-7 and MW-10 and recovery well RW-1 contained measurable PSH throughout the reporting period and were not sampled. Monitor well MW-2 contained measurable PSH during the 1st, 2nd and 3rd quarters of 2006 and was not sampled during these quarters. Monitor well MW-6 contained measurable PSH during the 2nd quarter and was not sampled 2nd quarter. Recovery well RW-2 contained measurable PSH during the 1st, 2nd, and 3rd quarters of 2006 and were not sampled during these quarters.

All groundwater samples collected during the reporting period were delivered to TraceAnalysis, Inc. in Lubbock, Texas for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent analysis using EPA Method SW 846-8021b. Analytical results of BTEX constituent concentrations for 2006 are summarized on Table 2. Historical BTEX constituent concentrations and copies of the laboratory reports for 2006 are provided on the enclosed data disk. The quarterly groundwater analytical results are depicted on the Groundwater Concentration and Inferred PSH Extent Maps, Figures 3A-3D.

Monitor well MW-1 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below laboratory method detection limits (MDL) and the NMOCD regulatory standard of 0.01 mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene and 0.62 mg/L for xylene, for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-2 is monitored/sampled on a quarterly schedule. Monitor well MW-2 was not sampled during the 1st, 2nd and 3rd quarters of the reporting period, due to the reported presence of PSH in the monitor well. PSH thicknesses of 0.08 feet, 0.12 feet and 0.03 feet were reported during the 1st, 2nd and 3rd quarters of 2006, respectively. Analytical results of groundwater samples collected during the 4th quarter of 2006 indicate the benzene concentration was 0.813 mg/L, this concentration is above the NMOCD regulatory standard. The 4th quarter toluene concentration was 0.018 mg/L, this concentration is below the NMOCD regulatory standard. The 4th quarter ethylbenzene concentration was 0.563 mg/L, this concentration is below the NMOCD regulatory standard. The 4th quarter xylene concentration was 0.187 mg/L, this concentration is below the NMOCD regulatory standard.

Monitor well MW-3 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.568 mg/L during the 4th quarter to 0.953 mg/L during the 1st quarter of 2006. Benzene concentrations were above NMOCD regulatory standards during all four (4) quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory standards during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.05 mg/L during the 2nd quarter to 0.1540 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.1 mg/L during the 1st quarter to 0.0816 mg/L during the 4th quarter of 2006. Xylene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period.

Monitor well MW-4 is monitored on a quarterly schedule. Monitor well MW-4 was not sampled during any of the four (4) quarters of the reporting period, due to the presence of PSH in the recovery well. PSH thicknesses of 0.16 feet, 0.20 feet, 0.07 feet, and 0.01 feet were reported during the 1st, 2nd, 3rd and 4th quarter of 2006, respectively.

Monitor well MW-5 is monitored on a quarterly schedule. Monitor well MW-5 was not sampled during any of the four (4) quarters of the reporting period, due to the presence of PSH in the recovery well. PSH thicknesses of 0.29 feet, 0.18 feet, 0.14 feet, and 0.06 feet were reported during the 1st, 2nd, 3rd and 4th quarter of 2006, respectively.

Monitor well MW-6 is sampled / monitored on a quarterly schedule. Monitor well MW-6 was not sampled during the 2nd quarter of the reporting period, due to the reported presence of PSH in the monitor well. A PSH thickness of 0.07 feet was reported during the 2nd quarter of 2006. Analytical results of groundwater samples collected during the 1st, 3rd and 4th quarters of 2006 indicate a benzene concentration ranged from 0.671 mg/L during the 4th quarter to 1.100 mg/L during the 3rd quarter of 2006, Benzene concentrations were above NMOCD regulatory standards during the three (3) sampled quarters. Toluene concentrations were below MDL and NMOCD regulatory standards during the three (3) sampled quarters of the reporting period. The 1st, 3rd and 4th quarter analytical results indicate ethylbenzene concentrations ranged from 0.71 mg/L during the 4th quarter to 1.09 mg/L during the 3rd quarter of 2006. Ethylbenzene concentrations were above the NMOCD regulatory standard during the 1st and 3rd quarters of the reporting period. The 1st, 3rd and 4th quarter analytical results indicate xylene concentrations ranged from 0.21 mg/L during the 1st quarter to 0.31 mg/L during the 4th quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard during the three (3) sampled quarters.

Monitor well MW-7 is monitored on a quarterly schedule. Monitor well MW-7 was not sampled during any of the four (4) quarters of the reporting period, due to the presence of PSH in the recovery well. PSH thicknesses of 0.16 feet, 0.09 feet, 0.28 feet, and 0.11 feet were reported during the 1st, 2nd, 3rd and 4th quarter of 2006, respectively.

Monitor well MW-8 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-9 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-10 is monitored on a quarterly schedule. Monitor well MW-10 was not sampled during any of the four (4) quarters of the reporting period, due to the presence of PSH in the recovery well. PSH thicknesses of 0.39 feet, 0.22 feet, 0.13 feet, and 0.48 feet were reported during the 1st, 2nd, 3rd and 4th quarter of 2006, respectively.

Monitor well MW-11 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-12 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-14 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-15 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-16 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-17 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1.78 mg/L during the 3rd quarter to 3.38 mg/L during the 2nd quarter of 2006. Benzene concentrations were above NMOCD regulatory standards during all four (4) quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory standards during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 1.10 mg/L during the 3rd quarter to 2.58 mg/L during the 2nd quarter of 2006. Ethylbenzene concentrations were above NMOCD regulatory standards during all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.2 mg/L during the 3rd quarter to 0.482 mg/L during the 4th quarter of 2006. Xylene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period.

Monitor well MW-18 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 2.27 mg/L during the 3rd quarter to 4.18 mg/L during the 1st quarter of 2006. Benzene concentrations were above NMOCD regulatory standards during all four (4) quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory standards during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.956 mg/L during the 3rd quarter to 2.320 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were above NMOCD regulatory standards during all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.2 mg/L during the 3rd quarter to 0.618 mg/L during the 1st quarter of 2006. Xylene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period.

Monitor well MW-20 is sampled on an annual schedule. Analytical results of groundwater samples collected during the 4th quarter of 2006 indicate the benzene concentration was 0.003 mg/L, this concentration is below the NMOCD regulatory standard. The 4th quarter toluene concentration was <0.001 mg/L, this concentration is below the NMOCD regulatory standard.

The 4th quarter ethylbenzene concentration was 0.0138 mg/L, this concentration is below the NMOCD regulatory standard. The 4th quarter xylene concentration was <0.001 mg/L, this concentration is below the NMOCD regulatory standard.

Monitor well MW-21 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-22 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event.

Monitor well MW-23 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1.140 mg/L during the 4th quarter to 1.260 mg/L during the 1st quarter of 2006. Benzene concentrations were above NMOCD regulatory standards during all four (4) quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory standards during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.021 mg/L during the 3rd quarter to 0.118 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.02 mg/L during the 3rd quarter to 0.0670 mg/L during the 4th quarter of 2006. Xylene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period.

Monitor well MW-24 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 2.64 mg/L during the 4th quarter to 3.23 mg/L during the 2nd quarter of 2006. Benzene concentrations were above NMOCD regulatory standards during all four (4) quarters of the reporting period. Toluene concentrations were below MDL and NMOCD regulatory standards during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.502 mg/L during the 3rd quarter to 0.571 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.1 mg/L during the 3rd quarter to 0.1820 mg/L during the 1st quarter of 2006. Xylene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period.

Monitor well MW-25 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.247 mg/L during the 2nd quarter to 0.417 mg/L during the 1st quarter of 2006. Benzene concentrations were above NMOCD regulatory standards during all four (4) quarters of the reporting period. Toluene, ethylbenzene and xylene concentrations were below MDL and NMOCD regulatory standards during all four (4) quarters of the reporting period.

Monitor well MW-26 is sampled on an annual schedule. Analytical results of groundwater samples collected during the 4th quarter of 2006 indicate the benzene concentration was 0.0412 mg/L, this concentration is above the NMOCD regulatory standard. The 4th quarter toluene concentration was <0.001 mg/L, this concentration is below the NMOCD regulatory standard. The 4th quarter ethylbenzene concentration was 0.003 mg/L, this concentration is below the

NMOCD regulatory standard. The 4th quarter xylene concentration was <0.001 mg/L, this concentration is below the NMOCD regulatory standard.

Monitor well MW-27 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during all four (4) quarters of the reporting period.

Monitor well MW-28 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarters of the reporting period.

Monitor well MW-30 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarters of the reporting period.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during any of the four (4) quarters of the reporting period, due to the presence of PSH in the recovery well. PSH thicknesses of 0.08 feet, 0.16 feet, 0.05 feet, and 0.01 feet were reported during the 1st, 2nd, 3rd and 4th quarter of 2006, respectively.

Recovery well RW-2 is monitored / sampled on a quarterly schedule. Recovery well RW-2 was not sampled during the 1st, 2nd and 3rd quarter of the reporting period, due to the reported presence of PSH in the monitor well. A PSH thickness of 0.11 feet, 0.02 feet and 0.04 feet was reported during the 1st, 2nd and 3rd quarters of 2006. Analytical results of groundwater samples collected during the 4th quarter of 2006 indicate the benzene concentration was 0.760 mg/L, this concentration is above the NMOCD regulatory standard. The 4th quarter toluene concentration was <0.005 mg/L, this concentration is below the NMOCD regulatory standard. The 4th quarter ethylbenzene concentration was 0.061 mg/L, this concentration is below the NMOCD regulatory standard. The 4th quarter xylene concentration was <0.203 mg/L, this concentration is below the NMOCD regulatory standard.

Laboratory analytical results were compared to NMOCD regulatory limits based on the New Mexico groundwater standards found in section 20.6.2.3103 of the New Mexico Administrative Code.

SUMMARY

This report presents the results of monitoring activities for the 2006 annual monitoring period. Currently, there are twenty seven (27) groundwater monitor wells (MW-1 through MW-30, excluding MW-13, MW-19, and MW-29 which have been plugged and abandoned) and two (2) PSH recovery wells (RW-1 and RW-2) on-site. Manual product recovery occurs on a weekly schedule. Groundwater elevation contours generated from water level measurements acquired indicated a general gradient of approximately 0.007 feet/foot to the southeast.

A measurable thickness of PSH was present in six (6) monitor wells (MW-2, MW-4 through MW-7 and MW-10) and the two (2) recovery wells (RW-1 and RW-2) during the reporting

period. The average thickness of PSH during 2006 in monitor wells and recovery wells exhibiting PSH was 0.14 feet. For the 2005 reporting period, the average PSH thickness in monitor wells exhibiting PSH was 0.33 feet. The maximum thickness of PSH in monitor wells and recovery wells was 1.02 feet as recorded in monitor well MW-7 on October 9, 2006. During the 2006 reporting period, a pneumatic product recovery system operated onsite incorporating three monitor wells (MW-4, MW-5 and MW-7). The product recovery system was discontinued at the end of 2006, due to declining PSH thicknesses on site.

Approximately 48 gallons of PSH was recovered from the site during the 2006 reporting period. A total of approximately 1,110 gallons (26.4 barrels) of PSH has been recovered since project inception.

Review of the laboratory analytical results indicates, fourteen (14) monitor wells exhibited BTEX constituent concentrations below the NMOCD regulatory standard during the reporting period.

ANTICIPATED ACTIONS

Plains requests NMOCD approval to modify the monitor well MW-26 sampling schedule. The monitor well is currently sampled on an annual schedule, Plains proposes to sample monitor well MW-26 on a quarterly sampling schedule.

Quarterly gauging and sampling will continue in 2007. Manual product recovery will occur weekly and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2008.

A *Soil Closure Strategy and Site Restoration Work Plan* was submitted to the NMOCD in August, 2006. The Work Plan proposes soil remediation activities intended to progress the site toward an NMOCD approved closure. To date, Plains has not received a response from the NMOCD as to the status of this Work Plan.

LIMITATIONS

NOVA has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA and/or Plains.

DISTRIBUTION

Copy 1 Ben Stone
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Copy 2: Larry Johnson and Patricia Caperton
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Copy 3: Camille Reynolds
Plains Marketing, L.P.
3112 Highway 82
Lovington, NM
cjreynolds@paalp.com

Copy 4: Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com

Copy 5: NOVA Safety and Environmental
2057 Commerce Street
Midland, TX 79703
cstanley@novatraining.cc



FIGURES

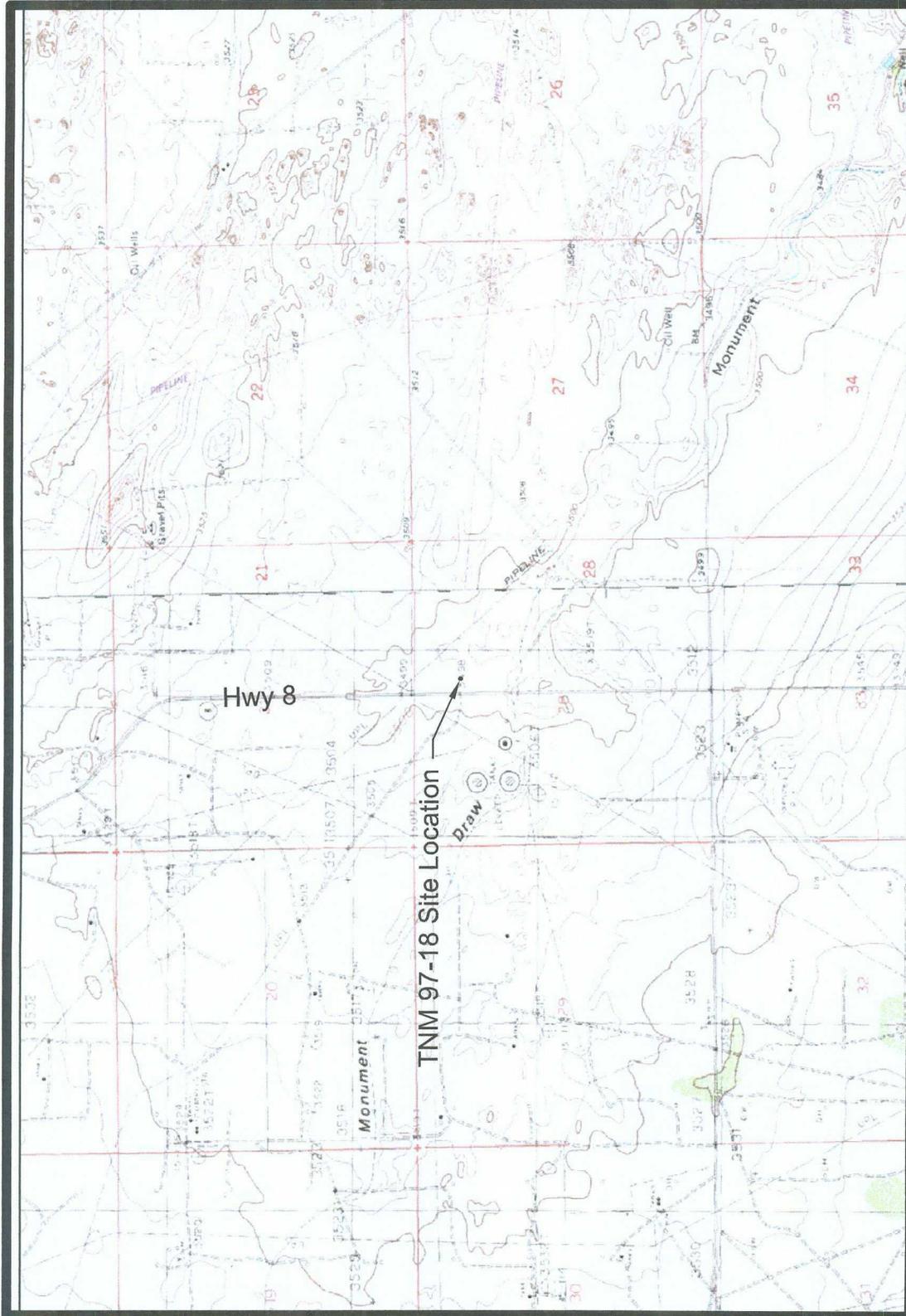
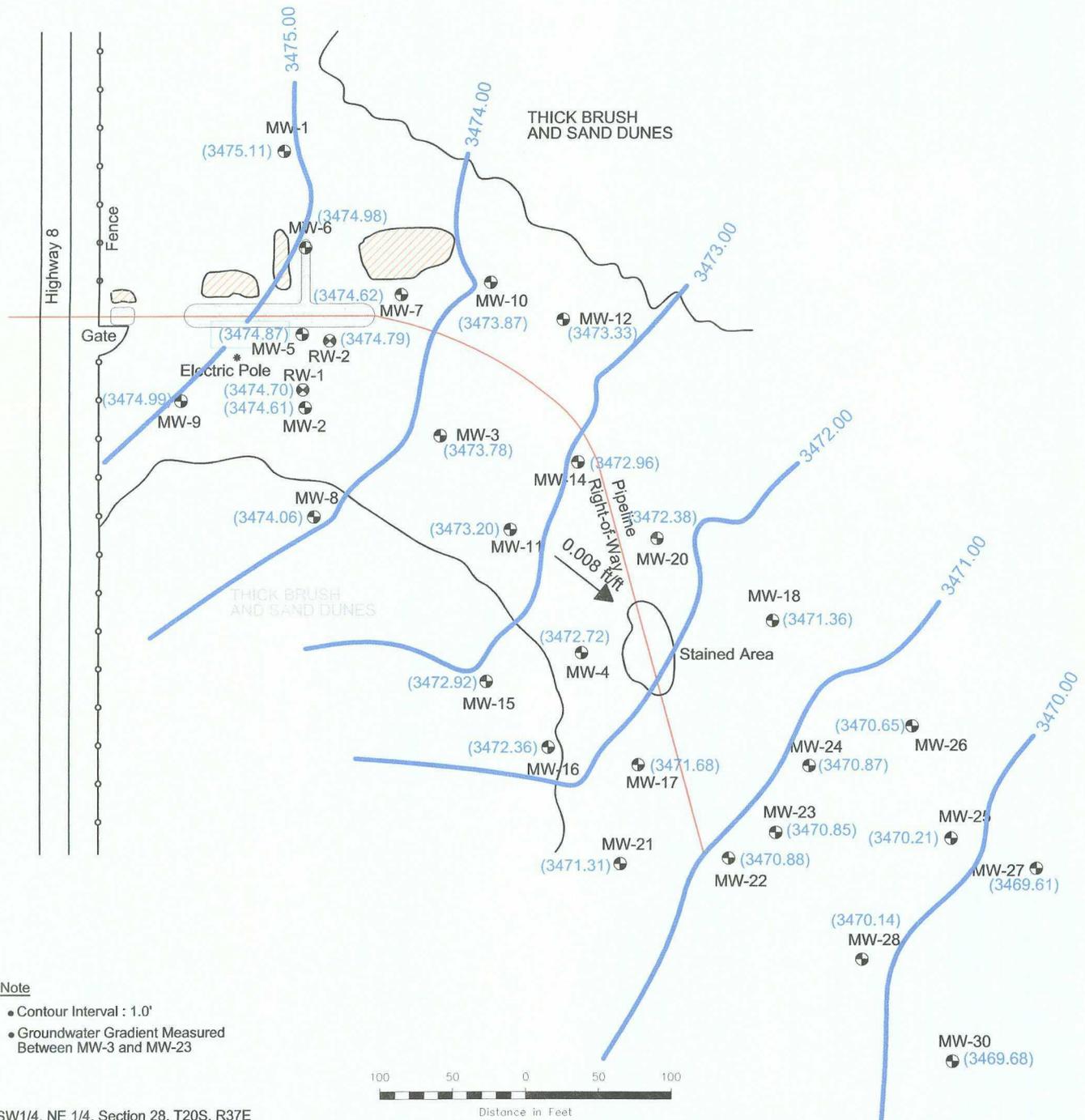


Figure 1
 Site Location Map
 Plains Marketing, L.P.
 TNM 97-18
 Plains EMSM TNM 97-18
 Lea County, NM

NOVA Safety and Environmental



Lat: N32° 32' 57" Long: W103° 15' 22"
 Scale: 1" = 2 Miles Prep By: CBS Checked By: CBS
 November 21, 2008



Note

- Contour Interval : 1.0'
- Groundwater Gradient Measured Between MW-3 and MW-23



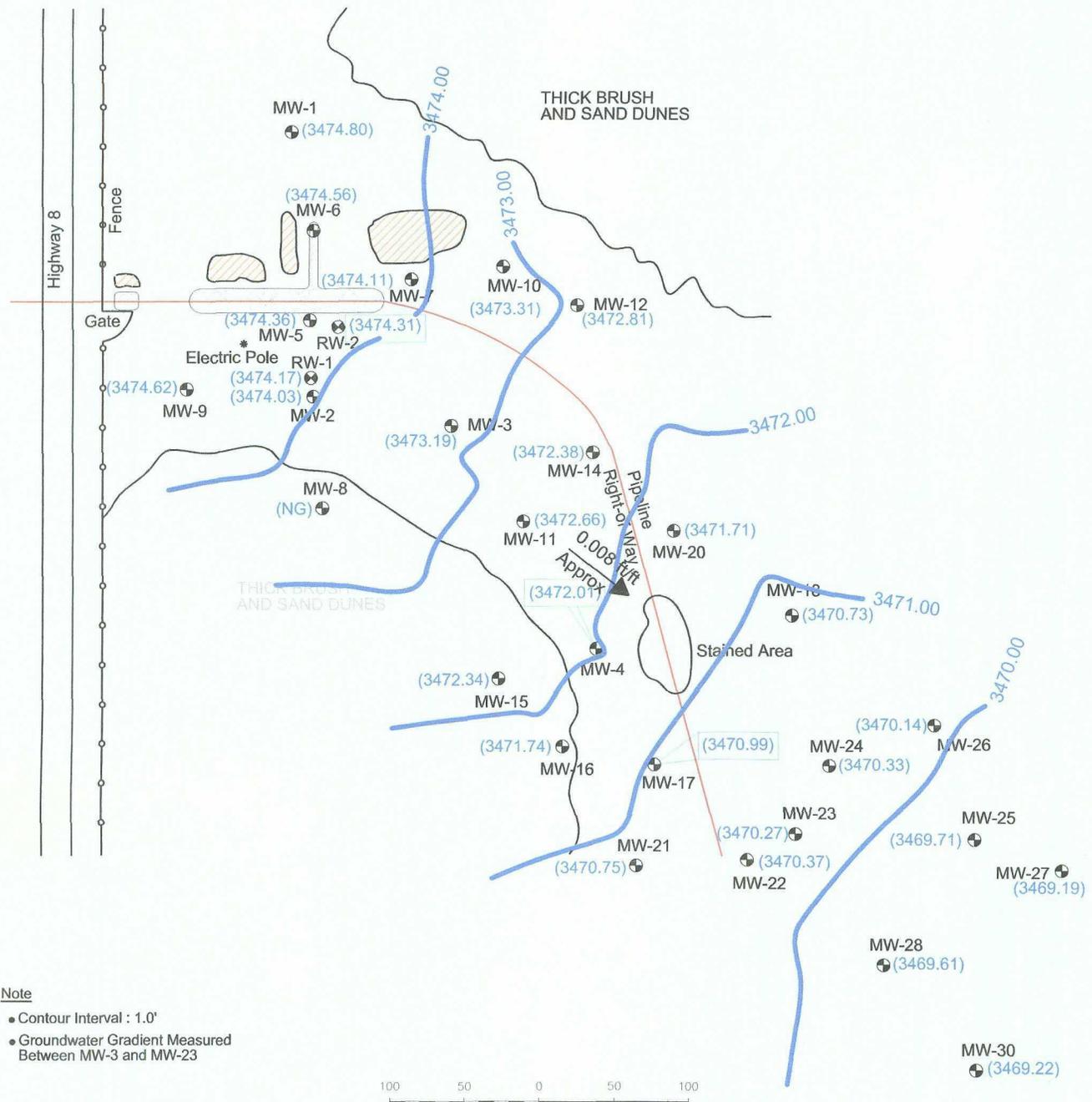
SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND:	
	Monitor Well
	Recovery Well
	Stockpile Soil
	Excavated Area
NG	Not Gauged
(3473.00)	Groundwater Elevation in Feet
	Groundwater Contour Line
	Groundwater Gradient and Magnitude

Figure 2A
 Inferred Groundwater Gradient Map
 (03/09/06)
 Plains Marketing, L.P.
 TNM 97-18
 Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100'
 CAD By: DGC
 Checked By: CDS
 March 19, 2007



Note

- Contour Interval : 1.0'
- Groundwater Gradient Measured Between MW-3 and MW-23



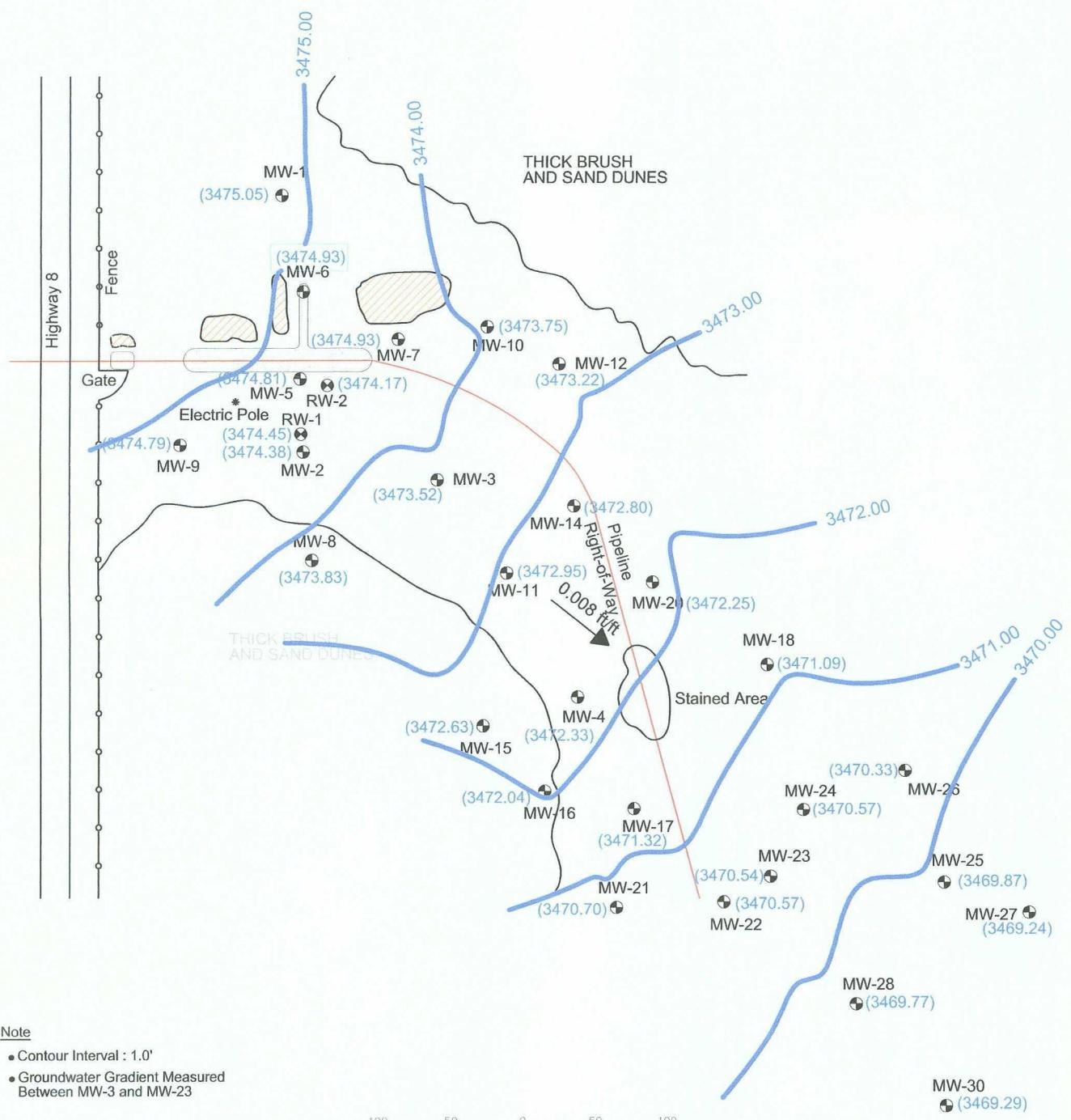
SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND:	
	Monitor Well
	Recovery Well
	Stockpile Soil
	Excavated Area
NG	Not Gauged
(3473.00)	Groundwater Elevation in Feet
	Groundwater Contour Line
	Groundwater Gradient and Magnitude

Figure 2B
 Inferred Groundwater
 Gradient Map
 (6/8/06)
 Plains Marketing, L.P.
 TNM 97-18
 Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100'	CAD By: DGC	Checked By: CDS
June 23, 2006		



Note

- Contour Interval : 1.0'
- Groundwater Gradient Measured Between MW-3 and MW-23



SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND:

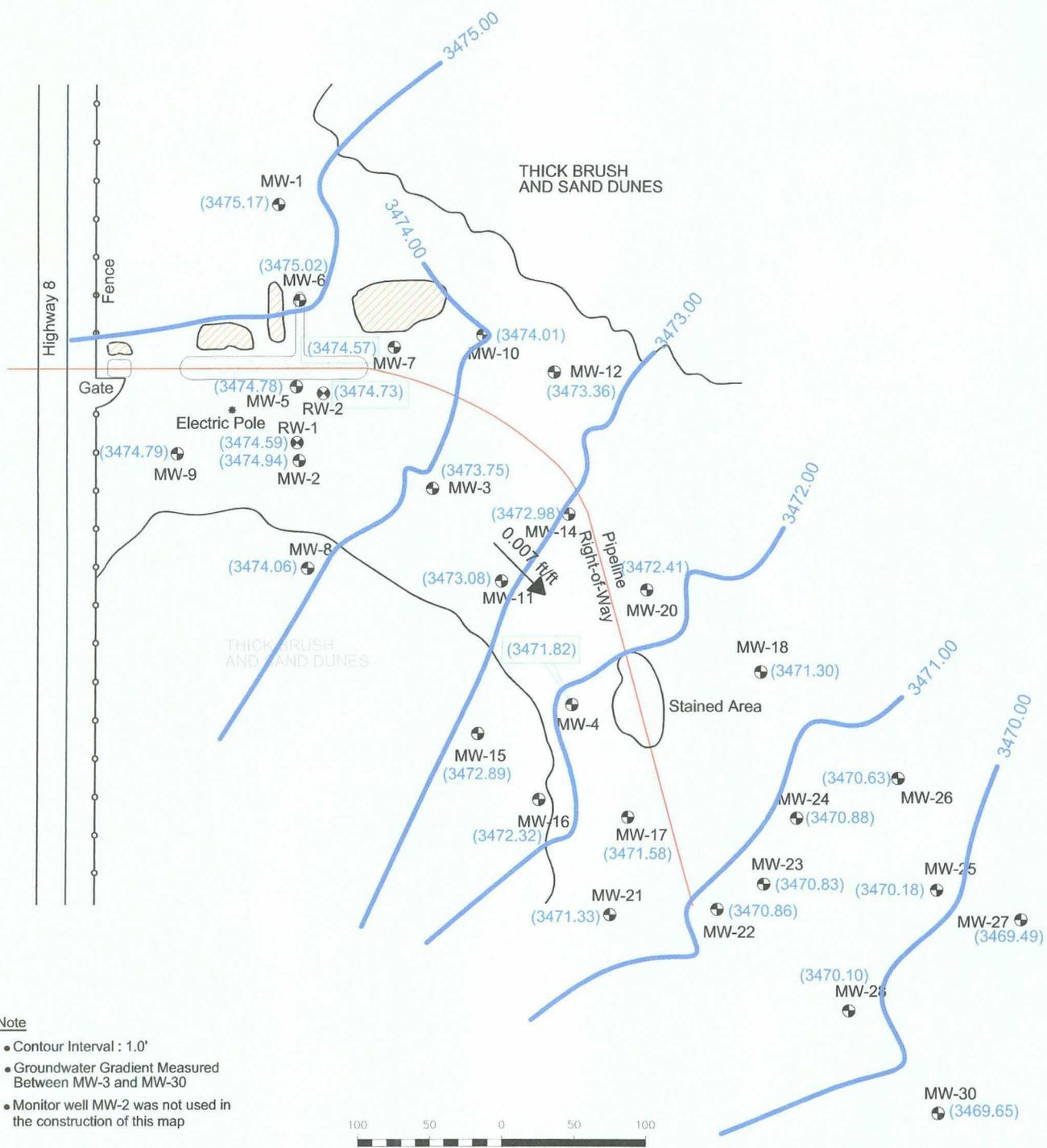
	Monitor Well		Stockpile Soil	NG	Not Gauged
	Recovery Well		Excavated Area	(3473.00)	Groundwater Elevation in Feet
					Groundwater Contour Line
					Groundwater Gradient and Magnitude

Figure 2C
 Inferred Groundwater Gradient Map
 (09/15/06)
 Plains Marketing, L.P.
 TNM 97-18
 Lea County, NM

NOVA Safety and Environmental



Scale: 1" = 100'
 CAD By: DGC
 Checked By: CDS
 February 16, 2007



Note

- Contour Interval : 1.0'
- Groundwater Gradient Measured Between MW-3 and MW-30
- Monitor well MW-2 was not used in the construction of this map



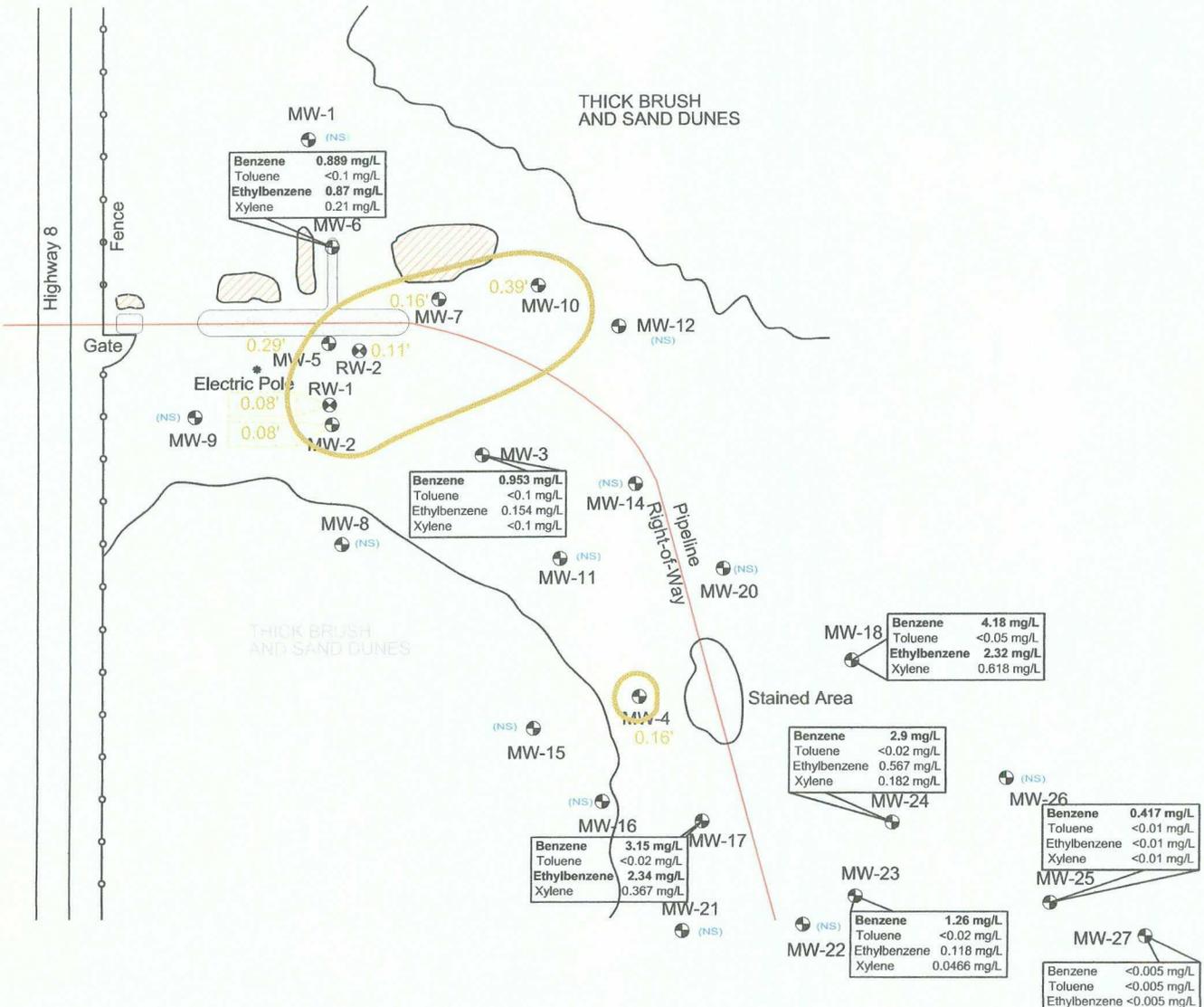
SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND:	
	Monitor Well
	Recovery Well
	Stockpile Soil
	Excavated Area
NG	Not Gauged
(3473.00)	Groundwater Elevation in Feet
	Groundwater Contour Line
	Groundwater Gradient and Magnitude

Figure 2D
 Inferred Groundwater Gradient Map (11/29/06)
 Plains Marketing, L.P.
 TNM 97-18
 Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100'	CAD By: DGC	Checked By: CDS
January 10, 2007		



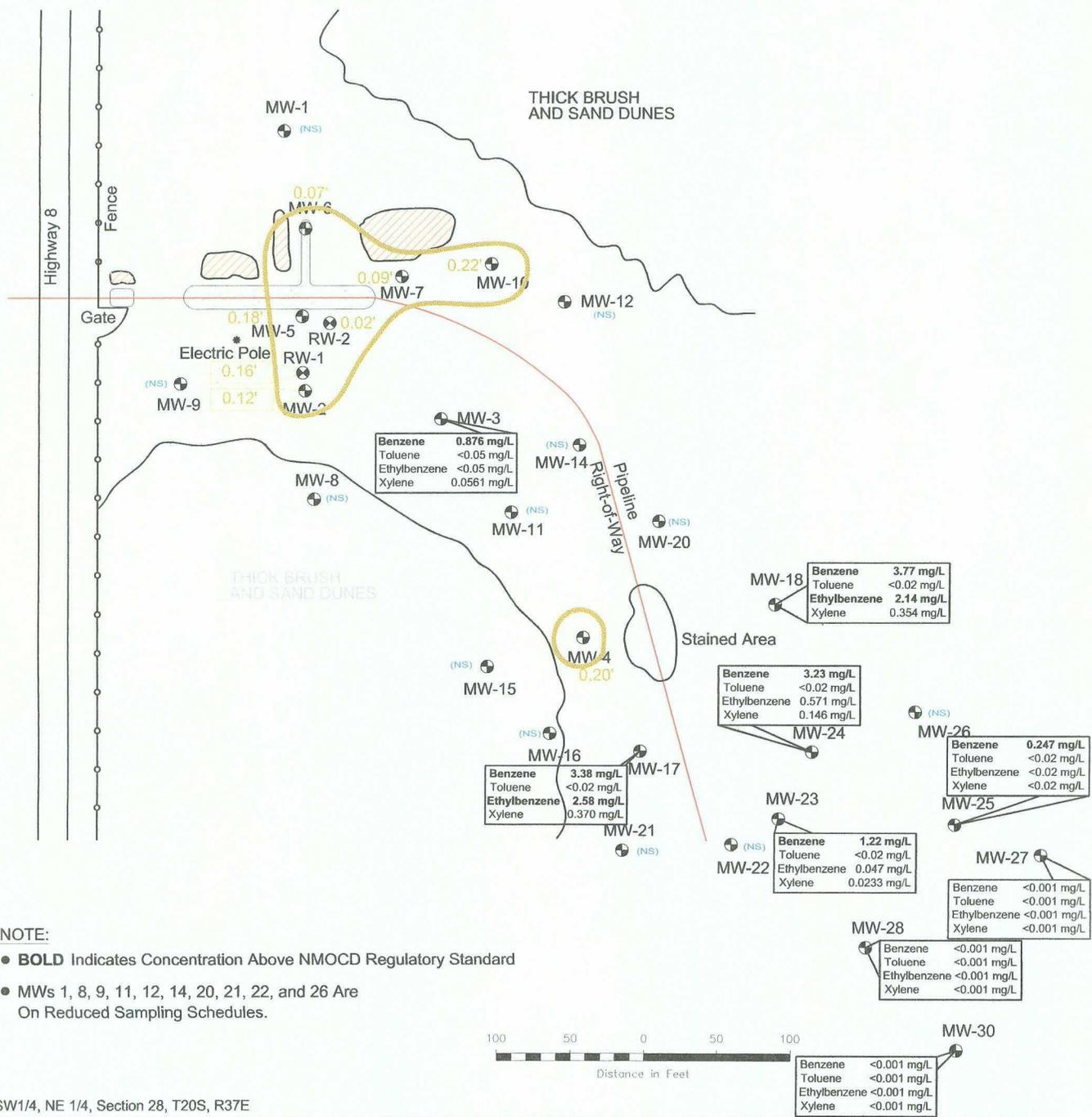
NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Standard
- MWs 1, 8, 9, 11, 12, 14, 20, 21, 22, and 26 Are On Reduced Sampling Schedules.



SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND: Monitor Well Recovery Well Stockpile Soil Excavated Area Pipeline Inferred PSH Extent	PSH thickness (feet) <0.001 Constituent Concentration (mg/L) (NS) Not Sampled	 Figure 3A Groundwater Concentration and Inferred PSH Extent Map (03/09/06) Plains Marketing, L.P. TNM 97-18 Lea County, NM	NOVA Safety and Environmental Scale: 1" = 100' CAD By: DGC Checked By: CDS March 18, 2007



SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND:	Stockpile Soil	0.04' PSH thickness (feet)
⊕ Monitor Well	Excavated Area	<0.001 Constituent Concentration (mg/L)
⊕ Recovery Well	Pipeline	(NS) Not Sampled
	Inferred PSH Extent	

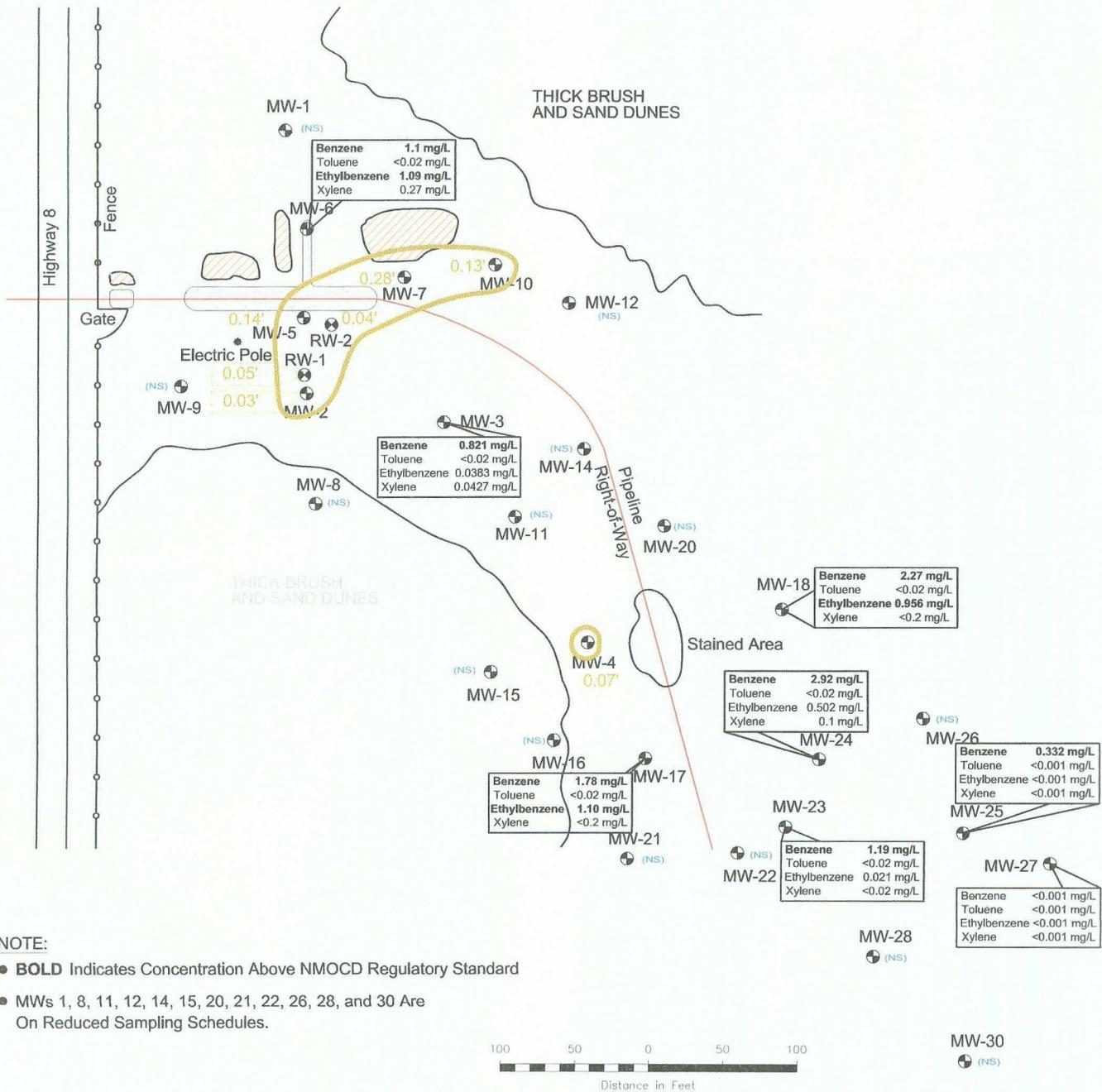


Figure 3B
Groundwater Concentration
and Inferred PSH Extent
Map (06/8/06)

Plains Marketing, L.P.
TNM 97-18
Lea County, NM

NOVA Safety and Environmental

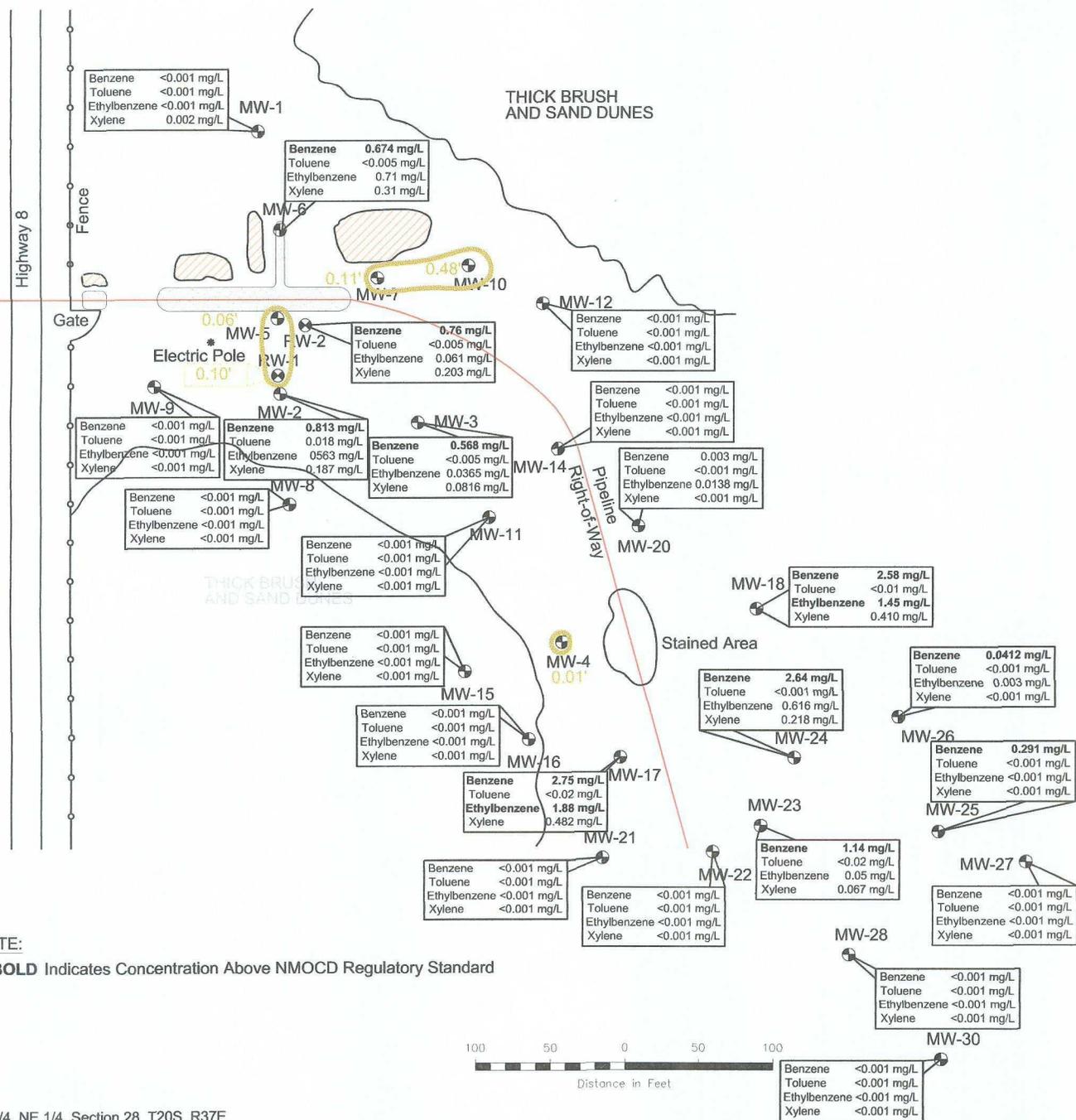
Scale: 1" = 100'
CAD By: DGC Checked By: CDS
July 24, 2006



- NOTE:**
- **BOLD** Indicates Concentration Above NMOC Regulatory Standard
 - MWs 1, 8, 11, 12, 14, 15, 20, 21, 22, 26, 28, and 30 Are On Reduced Sampling Schedules.

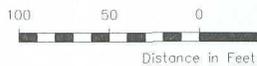
SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND: Monitor Well Recovery Well Stockpile Soil Excavated Area Pipeline Inferred PSH Extent	0.04' PSH thickness (feet) <0.001 Constituent Concentration (mg/L) (NS) Not Sampled	 safety and environmental Figure 3C Groundwater Concentration and Inferred PSH Extent Map (09/13/06) Plains Marketing, L.P. TNM 97-18 Lea County, NM	NOVA Safety and Environmental Scale: 1" = 100' CAD By: DGC Checked By: CDS January 31, 2007



NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Standard



SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND:	
	Stockpile Soil
	Excavated Area
	Pipeline
	Inferred PSH Extent
	0.04' PSH thickness (feet)
	<0.001 Constituent Concentration (mg/L)



Figure 3D
Groundwater Concentration
and Inferred PSH Extent
Map (11/29/06)

Plains Marketing, L.P.
TNM 97-18
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100'
CAD By: DGC
Checked By: CDS
January 31, 2007

TABLES

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-1	03/09/06	3500.17	-	25.06	0.00	3475.11
	06/08/06	3500.17	-	25.37	0.00	3474.80
	09/15/06	3500.17	-	25.12	0.00	3475.05
	11/29/06	3500.17	-	25.00	0.00	3475.17
	12/18/06	3500.17	Sheen	24.52	0.00	3475.65
MW-2	01/03/06	3499.19	24.76	24.80	0.04	3474.42
	01/09/06	3499.19	24.82	24.90	0.08	3474.36
	01/16/06	3499.19	24.62	24.64	0.02	3474.57
	01/23/06	3499.19	24.80	24.85	0.05	3474.38
	01/30/06	3499.19	24.78	24.86	0.08	3474.40
	02/07/06	3499.19	24.75	24.83	0.08	3474.43
	02/14/06	3499.19	24.68	24.78	0.10	3474.50
	02/21/06	3499.19	24.67	24.80	0.13	3474.50
	02/27/06	3499.19	24.69	24.79	0.10	3474.49
	03/06/06	3499.19	24.70	24.78	0.08	3474.48
	03/09/06	3499.19	24.57	24.65	0.08	3474.61
	03/17/06	3499.19	24.81	24.85	0.04	3474.37
	03/21/06	3499.19	24.83	24.90	0.07	3474.35
	03/28/06	3499.19	24.85	24.89	0.04	3474.33
	04/03/06	3499.19	24.86	24.92	0.06	3474.32
	04/10/06	3499.19	24.62	24.65	0.03	3474.57
	04/17/06	3499.19	24.57	24.62	0.05	3474.61
	05/01/06	3499.19	24.65	24.73	0.08	3474.53
	05/08/06	3499.19	24.61	24.78	0.17	3474.55
	05/15/06	3499.19	24.84	24.98	0.14	3474.33
	06/01/06	3499.19	25.02	25.06	0.04	3474.16
	06/05/06	3499.19	Sheen	24.94	0.00	3474.25
	06/08/06	3499.19	25.14	25.26	0.12	3474.03
	06/12/06	3499.19	25.14	25.26	0.12	3474.03
	06/19/06	3499.19	25.23	25.30	0.07	3473.95
	07/03/06	3499.19	25.40	25.42	0.02	3473.79
	07/10/06	3499.19	Sheen	25.37	0.00	3473.82
	07/17/06	3499.19	Sheen	24.29	0.00	3474.90
	07/26/06	3499.19	25.45	25.55	0.10	3473.73
	07/31/06	3499.19	25.44	25.51	0.07	3473.74
	08/07/06	3499.19	26.52	26.61	0.09	3472.66
	08/17/06	3499.19	25.41	25.44	0.03	3473.78
	08/21/06	3499.19	Sheen	25.34	0.00	3473.85
	09/06/06	3499.19	24.88	24.92	0.04	3474.30
	09/11/06	3499.19	24.86	24.89	0.03	3474.33
	09/15/06	3499.19	24.81	24.84	0.03	3474.38

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-2	10/02/06	3499.19	24.84	24.87	0.03	3474.35
	10/09/06	3499.19	24.76	24.81	0.05	3474.42
	10/17/06	3499.19	Sheen	24.72	0.00	3474.47
	10/23/06	3499.19	Sheen	24.75	0.00	3474.44
	10/30/06	3499.19	Sheen	24.73	0.00	3474.46
	11/06/06	3499.19	Sheen	24.68	0.00	3474.51
	11/13/06	3499.19	Sheen	24.60	0.00	3474.59
	11/20/06	3499.19	Sheen	24.73	0.00	3474.46
	11/27/06	3499.19	Sheen	24.26	0.00	3474.93
	11/29/06	3499.19	Sheen	24.25	0.00	3474.94
	12/04/06	3499.19	Sheen	24.64	0.00	3474.55
	12/12/06	3499.19	Sheen	24.71	0.00	3474.48
MW-3	01/03/06	3500.05	Sheen	26.43	0.00	3473.62
	01/09/06	3500.05	Sheen	26.50	0.00	3473.55
	01/16/06	3500.05	Sheen	26.30	0.00	3473.75
	01/23/06	3500.05	Sheen	26.51	0.00	3473.54
	01/30/06	3500.05	Sheen	26.53	0.00	3473.52
	02/07/06	3500.05	Sheen	26.43	0.00	3473.62
	02/14/06	3500.05	Sheen	26.36	0.00	3473.69
	02/21/06	3500.05	Sheen	26.34	0.00	3473.71
	02/27/06	3500.05	Sheen	26.35	0.00	3473.70
	03/06/06	3500.05	Sheen	26.36	0.00	3473.69
	03/09/06	3500.05	Sheen	26.27	0.00	3473.78
	03/17/06	3500.05	Sheen	26.48	0.00	3473.57
	03/21/06	3500.05	Sheen	26.49	0.00	3473.56
	03/28/06	3500.05	Sheen	26.50	0.00	3473.55
	04/03/06	3500.05	Sheen	26.47	0.00	3473.58
	04/10/06	3500.05	Sheen	26.23	0.00	3473.82
	04/17/06	3500.05	Sheen	26.22	0.00	3473.83
	05/01/06	3500.05	Sheen	26.28	0.00	3473.77
	05/08/06	3500.05	Sheen	26.27	0.00	3473.78
	05/15/06	3500.05	Sheen	26.55	0.00	3473.50
	06/05/06	3500.05	Sheen	26.69	0.00	3473.36
	06/08/06	3500.05	-	26.86	0.00	3473.19
	06/12/06	3500.05	Sheen	26.90	0.00	3473.15
	06/19/06	3500.05	-	27.70	0.00	3472.35
	09/06/06	3500.05	Sheen	26.58	0.00	3473.47
	09/11/06	3500.05	-	26.61	0.00	3473.44
	09/15/06	3500.05	-	26.53	0.00	3473.52
	10/09/06	3500.05	Sheen	26.55	0.00	3473.50
	10/17/06	3500.05	Sheen	26.48	0.00	3473.57

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-3	11/29/06	3500.05	-	26.30	0.00	3473.75
MW-4	01/03/06	3498.38	25.82	26.00	0.18	3472.53
	01/09/06	3498.38	25.96	26.26	0.30	3472.38
	01/16/06	3498.38	25.68	25.80	0.12	3472.68
	01/23/06	3498.38	25.93	26.20	0.27	3472.41
	01/30/06	3498.38	26.02	26.10	0.08	3472.35
	02/07/06	3498.38	25.96	26.10	0.14	3472.40
	02/14/06	3498.38	24.74	24.92	0.18	3473.61
	02/21/06	3498.38	25.80	25.90	0.10	3472.57
	02/27/06	3498.38	25.75	25.97	0.22	3472.60
	03/06/06	3498.38	25.80	26.02	0.22	3472.55
	03/09/06	3498.38	25.64	25.80	0.16	3472.72
	03/17/06	3498.38	25.86	26.10	0.24	3472.48
	03/21/06	3498.38	25.94	26.21	0.27	3472.40
	03/28/06	3498.38	26.00	26.18	0.18	3472.35
	04/03/06	3498.38	25.93	26.20	0.27	3472.41
	04/10/06	3498.38	25.63	25.84	0.21	3472.72
	04/17/06	3498.38	25.63	25.83	0.20	3472.72
	05/01/06	3498.38	25.70	25.93	0.23	3472.65
	05/08/06	3498.38	25.68	25.88	0.20	3472.67
	05/15/06	3498.38	26.03	26.22	0.19	3472.32
	06/05/06	3498.38	26.13	26.42	0.29	3472.21
	06/08/06	3498.38	26.34	26.54	0.20	3472.01
	06/12/06	3498.38	26.40	26.64	0.24	3471.94
	06/19/06	3498.38	26.50	26.70	0.20	3471.85
	07/03/06	3498.38	26.64	26.81	0.17	3471.71
	07/10/06	3498.38	26.58	26.72	0.14	3471.78
	07/17/06	3498.38	26.61	26.76	0.15	3471.75
	07/26/06	3498.38	26.67	26.87	0.20	3471.68
	07/31/06	3498.38	26.69	26.86	0.17	3471.66
	08/07/06	3498.38	26.81	26.99	0.18	3471.54
	08/17/06	3498.38	26.83	26.93	0.10	3471.54
	08/21/06	3498.38	26.89	26.94	0.05	3471.48
	09/06/06	3498.38	26.13	26.23	0.10	3472.24
	09/11/06	3498.38	26.10	26.26	0.16	3472.26
	09/15/06	3498.38	25.99	26.06	0.07	3472.38
	10/02/06	3498.38	26.01	26.05	0.04	3472.36
	10/09/06	3498.38	25.98	26.19	0.21	3472.37
	10/17/06	3498.38	25.95	26.08	0.13	3472.41
	10/23/06	3498.38	25.97	26.01	0.04	3472.40
	10/30/06	3498.38	25.95	25.98	0.03	3472.43

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-4	11/06/06	3498.38	25.94	25.96	0.02	3472.44
	11/13/06	3498.38	25.91	25.94	0.03	3472.47
	11/20/06	3498.38	Sheen	26.69	0.00	3471.69
	11/27/06	3498.38	26.55	26.56	0.01	3471.83
	11/29/06	3498.38	26.56	26.57	0.01	3471.82
	12/04/06	3498.38	Sheen	25.31	0.00	3473.07
	12/12/06	3498.38	25.85	25.87	0.02	3472.53
	12/18/06	3498.38	25.93	25.98	0.05	3472.44
MW-5	01/03/06	3500.12	25.28	25.94	0.66	3474.74
	01/09/06	3500.12	25.18	26.00	0.82	3474.82
	01/16/06	3500.12	25.25	26.03	0.78	3474.75
	01/23/06	3500.12	25.45	26.10	0.65	3474.57
	01/30/06	3500.12	24.54	25.00	0.46	3475.51
	02/07/06	3500.12	25.58	26.07	0.49	3474.47
	02/09/06	3500.12	25.54	25.83	0.29	3474.54
	02/14/06	3500.12	25.29	25.60	0.31	3474.78
	02/21/06	3500.12	25.30	25.60	0.30	3474.78
	02/27/06	3500.12	25.28	25.62	0.34	3474.79
	03/06/06	3500.12	25.35	25.69	0.34	3474.72
	03/09/06	3500.12	25.21	25.50	0.29	3474.87
	03/17/06	3500.12	25.56	25.58	0.02	3474.56
	03/21/06	3500.12	25.50	25.79	0.29	3474.58
	03/28/06	3500.12	25.52	25.75	0.23	3474.57
	04/03/06	3500.12	25.44	25.77	0.33	3474.63
	04/10/06	3500.12	25.25	25.42	0.17	3474.84
	04/17/06	3500.12	25.21	25.45	0.24	3474.87
	05/01/06	3500.12	25.30	25.40	0.10	3474.81
	05/08/06	3500.12	25.28	25.40	0.12	3474.82
	05/15/06	3500.12	25.49	25.72	0.23	3474.60
	06/01/06	3500.12	25.62	25.85	0.23	3474.47
	06/05/06	3500.12	25.58	25.76	0.18	3474.51
	06/08/06	3500.12	25.73	25.91	0.18	3474.36
	06/12/06	3500.12	25.80	25.98	0.18	3474.29
	06/19/06	3500.12	25.88	26.02	0.14	3474.22
	07/03/06	3500.12	26.04	26.18	0.14	3474.06
07/10/06	3500.12	25.96	26.07	0.11	3474.14	
07/17/06	3500.12	25.73	25.85	0.12	3474.37	
07/26/06	3500.12	25.95	26.15	0.20	3474.14	
07/31/06	3500.12	26.02	26.19	0.17	3474.07	
08/07/06	3500.12	25.03	25.09	0.06	3475.08	
08/17/06	3500.12	25.88	26.01	0.13	3474.22	

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 TNM 97-18
 LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-5	08/21/06	3500.12	25.76	25.85	0.09	3474.35
	09/06/06	3500.12	25.28	25.42	0.14	3474.82
	09/11/06	3500.12	25.33	25.54	0.21	3474.76
	09/15/06	3500.12	25.29	25.43	0.14	3474.81
	10/02/06	3500.12	25.34	25.48	0.14	3474.76
	10/09/06	3500.12	25.55	25.81	0.26	3474.53
	10/17/06	3500.12	25.33	25.71	0.38	3474.73
	10/23/06	3500.12	25.38	25.49	0.11	3474.72
	10/30/06	3500.12	25.36	25.47	0.11	3474.74
	11/06/06	3500.12	25.38	25.54	0.16	3474.72
	11/13/06	3500.12	25.28	25.36	0.08	3474.83
	11/20/06	3500.12	25.39	25.56	0.17	3474.70
	11/27/06	3500.12	25.33	25.39	0.06	3474.78
	11/29/06	3500.12	25.33	25.39	0.06	3474.78
	12/04/06	3500.12	25.35	25.47	0.12	3474.75
	12/12/06	3500.12	25.33	25.58	0.25	3474.75
	12/18/06	3500.12	25.35	25.58	0.23	3474.74
MW-6	01/03/06	3499.82	Sheen	24.90	0.00	3474.92
	01/09/06	3499.82	Sheen	24.99	0.00	3474.83
	01/16/06	3499.82	Sheen	24.84	0.00	3474.98
	01/23/06	3499.82	Sheen	25.01	0.00	3474.81
	01/30/06	3499.82	Sheen	25.04	0.00	3474.78
	02/07/06	3499.82	Sheen	24.97	0.00	3474.85
	02/14/06	3499.82	24.88	24.89	0.01	3474.94
	02/21/06	3499.82	24.85	24.86	0.01	3474.97
	02/27/06	3499.82	24.89	24.90	0.01	3474.93
	03/06/06	3499.82	Sheen	24.91	0.00	3474.91
	03/09/06	3499.82	Sheen	24.84	0.00	3474.98
	03/17/06	3499.82	Sheen	25.10	0.00	3474.72
	03/21/06	3499.82	Sheen	25.03	0.00	3474.79
	03/28/06	3499.82	Sheen	25.02	0.00	3474.80
	04/03/06	3499.82	Sheen	25.42	0.00	3474.40
	04/10/06	3499.82	Sheen	24.83	0.00	3474.99
	04/17/06	3499.82	Sheen	24.83	0.00	3474.99
05/01/06	3499.82	24.86	24.87	0.01	3474.96	
05/08/06	3499.82	Sheen	24.84	0.00	3474.98	
06/01/06	3499.82	Sheen	25.15	0.00	3474.67	
06/05/06	3499.82	Sheen	25.11	0.00	3474.71	
06/08/06	3499.82	25.25	25.32	0.07	3474.56	
06/12/06	3499.82	25.30	25.34	0.04	3474.51	
06/19/06	3499.82	25.38	25.39	0.01	3474.44	

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-6	07/03/06	3499.82	Sheen	25.52	0.00	3474.30
	07/10/06	3499.82	Sheen	25.57	0.00	3474.25
	07/17/06	3499.82	-	25.37	0.00	3474.45
	07/26/06	3499.82	Sheen	25.50	0.00	3474.32
	07/31/06	3499.82	Sheen	25.55	0.00	3474.27
	08/07/06	3499.82	Sheen	25.64	0.00	3474.18
	08/17/06	3499.82	-	25.51	0.00	3474.31
	08/21/06	3499.82	Sheen	24.26	0.00	3475.56
	09/06/06	3499.82	Sheen	24.94	0.00	3474.88
	09/11/06	3499.82	Sheen	24.97	0.00	3474.85
	09/15/06	3499.82	-	24.89	0.00	3474.93
	10/02/06	3499.82	Sheen	24.95	0.00	3474.87
	10/09/06	3499.82	Sheen	24.95	0.00	3474.87
	10/17/06	3499.82	Sheen	24.90	0.00	3474.92
	10/23/06	3499.82	Sheen	24.89	0.00	3474.93
	10/30/06	3499.82	Sheen	24.87	0.00	3474.95
	11/06/06	3499.82	Sheen	24.85	0.00	3474.97
	11/13/06	3499.82	Sheen	24.92	0.00	3474.90
	11/20/06	3499.82	Sheen	24.92	0.00	3474.90
	11/27/06	3499.82	Sheen	24.79	0.00	3475.03
	11/29/06	3499.82	Sheen	24.80	0.00	3475.02
	12/04/06	3499.82	Sheen	24.92	0.00	3474.90
	12/12/06	3499.82	Sheen	24.92	0.00	3474.90
	12/18/06	3499.82	Sheen	24.93	0.00	3474.89
MW-7	01/03/06	3498.33	23.91	24.10	0.19	3474.39
	01/09/06	3498.33	23.98	24.50	0.52	3474.27
	01/16/06	3498.33	23.71	24.00	0.29	3474.58
	01/23/06	3498.33	23.98	24.30	0.32	3474.30
	01/30/06	3498.33	24.01	24.28	0.27	3474.28
	02/07/06	3498.33	23.90	24.13	0.23	3474.40
	02/09/06	3498.33	24.11	24.60	0.49	3474.15
	02/14/06	3498.33	23.77	24.22	0.45	3474.49
	02/21/06	3498.33	23.88	24.29	0.41	3474.39
	02/27/06	3498.33	23.80	24.02	0.22	3474.50
	03/06/06	3498.33	23.84	24.05	0.21	3474.46
	03/09/06	3498.33	23.69	23.85	0.16	3474.62
	03/17/06	3498.33	24.10	24.24	0.14	3474.21
	03/21/06	3498.33	24.03	24.26	0.23	3474.27
	03/28/06	3498.33	24.08	24.24	0.16	3474.23
	04/03/06	3498.33	23.98	24.09	0.11	3474.33
	04/10/06	3498.33	23.73	23.81	0.08	3474.59

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-7	04/17/06	3498.33	23.70	23.82	0.12	3474.61
	05/01/06	3498.33	23.78	24.04	0.26	3474.51
	05/08/06	3498.33	23.73	23.98	0.25	3474.56
	05/15/06	3498.33	23.99	24.76	0.77	3474.22
	06/01/06	3498.33	24.13	24.27	0.14	3474.18
	06/05/06	3498.33	24.03	24.15	0.12	3474.28
	06/08/06	3498.33	24.21	24.30	0.09	3474.11
	06/12/06	3498.33	24.31	24.40	0.09	3474.01
	07/03/06	3498.33	24.46	26.69	2.23	3473.54
	07/10/06	3498.33	24.43	24.53	0.10	3473.89
	07/17/06	3498.33	24.04	24.22	0.18	3474.26
	07/26/06	3498.33	24.29	24.39	0.10	3474.03
	07/31/06	3498.33	24.37	24.49	0.12	3473.94
	08/07/06	3498.33	25.37	25.52	0.15	3472.94
	08/17/06	3498.33	24.29	24.49	0.20	3474.01
	08/21/06	3498.33	24.02	24.30	0.28	3474.27
	09/06/06	3498.33	23.16	23.38	0.22	3475.14
	09/11/06	3498.33	23.32	23.56	0.24	3474.97
	09/15/06	3498.33	23.36	23.64	0.28	3474.93
	10/02/06	3498.33	23.39	23.66	0.27	3474.90
	10/09/06	3498.33	23.73	24.75	1.02	3474.45
	10/17/06	3498.33	23.71	24.00	0.29	3474.58
	10/23/06	3498.33	23.83	24.20	0.37	3474.44
	10/30/06	3498.33	23.80	24.16	0.36	3474.48
	11/06/06	3498.33	23.82	23.83	0.01	3474.51
	11/13/06	3498.33	23.80	23.91	0.11	3474.51
	11/20/06	3498.33	23.92	24.12	0.20	3474.38
	11/27/06	3498.33	23.73	23.84	0.11	3474.58
	11/29/06	3498.33	23.74	23.85	0.11	3474.57
	12/04/06	3498.33	23.91	24.23	0.32	3474.37
12/12/06	3498.33	23.83	23.92	0.09	3474.49	
12/18/06	3498.33	23.83	23.94	0.11	3474.48	
MW-8	03/09/06	3502.23	-	28.17	0.00	3474.06
	09/15/06	3502.23	-	28.40	0.00	3473.83
	11/29/06	3502.23	-	28.17	0.00	3474.06
MW-9	03/09/06	3502.24	-	27.25	0.00	3474.99
	06/08/06	3502.24	-	27.62	0.00	3474.62
	09/15/06	3502.24	-	27.45	0.00	3474.79
	11/29/06	3502.24	-	27.45	0.00	3474.79

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2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-10	01/03/06	3499.43	25.63	25.83	0.20	3473.77
	01/09/06	3499.43	25.78	26.10	0.32	3473.60
	01/16/06	3499.43	25.56	25.80	0.24	3473.83
	01/23/06	3499.43	25.77	26.06	0.29	3473.62
	01/30/06	3499.43	25.83	26.02	0.19	3473.57
	02/07/06	3499.43	25.88	25.90	0.02	3473.55
	02/14/06	3499.43	25.60	25.90	0.30	3473.79
	02/21/06	3499.43	25.69	25.83	0.14	3473.72
	02/27/06	3499.43	25.61	25.90	0.29	3473.78
	03/06/06	3499.43	25.61	25.88	0.27	3473.78
	03/09/06	3499.43	25.50	25.89	0.39	3473.87
	03/17/06	3499.43	25.71	25.96	0.25	3473.68
	03/21/06	3499.43	25.74	26.06	0.32	3473.64
	03/28/06	3499.43	25.76	26.01	0.25	3473.63
	04/03/06	3499.43	25.71	26.01	0.30	3473.68
	04/17/06	3499.43	25.45	25.78	0.33	3473.93
	05/01/06	3499.43	25.51	25.82	0.31	3473.87
	05/08/06	3499.43	25.49	25.77	0.28	3473.90
	05/15/06	3499.43	25.78	26.03	0.25	3473.61
	06/01/06	3499.43	25.97	26.27	0.30	3473.42
06/05/06	3499.43	25.90	26.36	0.46	3473.46	
06/08/06	3499.43	26.09	26.31	0.22	3473.31	
06/12/06	3499.43	26.13	26.51	0.38	3473.24	
06/19/06	3499.43	26.24	26.52	0.28	3473.15	
07/31/06	3499.43	26.40	26.66	0.26	3472.99	
09/06/06	3499.43	25.62	25.94	0.32	3473.76	
09/11/06	3499.43	25.81	25.92	0.11	3473.60	
09/15/06	3499.43	25.66	25.79	0.13	3473.75	
11/29/06	3499.43	25.35	25.83	0.48	3474.01	
MW-11	03/09/06	3498.18	-	24.98	0.00	3473.20
	06/08/06	3498.18	-	25.52	0.00	3472.66
	09/15/06	3498.18	-	25.23	0.00	3472.95
	11/29/06	3498.18	-	25.10	0.00	3473.08
MW-12	03/09/06	3499.66	-	26.33	0.00	3473.33
	06/08/06	3499.66	-	26.85	0.00	3472.81
	09/15/06	3499.66	-	26.44	0.00	3473.22
	11/29/06	3499.66	-	26.30	0.00	3473.36
MW-14	03/09/06	3498.54	-	25.58	0.00	3472.96
	06/08/06	3498.54	-	26.16	0.00	3472.38

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2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-14	09/15/06	3498.54	-	25.74	0.00	3472.80
	11/29/06	3498.54	-	25.56	0.00	3472.98
MW-15	03/09/06	3500.65	-	27.73	0.00	3472.92
	06/08/06	3500.65	-	28.31	0.00	3472.34
	09/15/06	3500.65	-	28.02	0.00	3472.63
	11/29/06	3500.65	-	27.76	0.00	3472.89
MW-16	03/09/06	3501.45	-	29.09	0.00	3472.36
	06/08/06	3501.45	-	29.71	0.00	3471.74
	09/15/06	3501.45	-	29.41	0.00	3472.04
	11/29/06	3501.45	-	29.13	0.00	3472.32
MW-17	03/09/06	3498.32	-	26.64	0.00	3471.68
	06/08/06	3498.32	-	27.33	0.00	3470.99
	09/15/06	3498.32	-	27.00	0.00	3471.32
	11/29/06	3498.32	-	26.74	0.00	3471.58
MW-18	03/09/06	3497.25	-	25.89	0.00	3471.36
	06/08/06	3497.25	-	26.52	0.00	3470.73
	09/15/06	3497.25	-	26.16	0.00	3471.09
	11/29/06	3497.25	-	25.95	0.00	3471.30
MW-20	03/09/06	3496.59	-	24.21	0.00	3472.38
	06/08/06	3496.59	-	24.88	0.00	3471.71
	09/15/06	3496.59	-	24.34	0.00	3472.25
	11/29/06	3496.59	-	24.18	0.00	3472.41
MW-21	03/09/06	3503.03	-	31.72	0.00	3471.31
	06/08/06	3503.03	-	32.28	0.00	3470.75
	09/15/06	3503.03	-	32.33	0.00	3470.70
	11/29/06	3503.03	-	31.70	0.00	3471.33
MW-22	03/09/06	3500.05	-	29.17	0.00	3470.88
	06/08/06	3500.05	-	29.68	0.00	3470.37
	09/15/06	3500.05	-	29.48	0.00	3470.57
	11/29/06	3500.05	-	29.19	0.00	3470.86
MW-23	03/09/06	3498.88	-	28.03	0.00	3470.85
	06/08/06	3498.88	-	28.61	0.00	3470.27
	09/15/06	3498.88	-	28.34	0.00	3470.54
	11/29/06	3498.88	-	28.05	0.00	3470.83

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-24	03/09/06	3498.79	-	27.92	0.00	3470.87
	06/08/06	3498.79	-	28.46	0.00	3470.33
	09/15/06	3498.79	-	28.22	0.00	3470.57
	11/29/06	3498.79	-	27.91	0.00	3470.88
MW-25	03/09/06	3498.08	-	27.87	0.00	3470.21
	06/08/06	3498.08	-	28.37	0.00	3469.71
	09/15/06	3498.08	-	28.21	0.00	3469.87
	11/29/06	3498.08	-	27.90	0.00	3470.18
MW-26	03/09/06	3499.18	-	28.53	0.00	3470.65
	06/08/06	3499.18	-	29.04	0.00	3470.14
	09/15/06	3499.18	-	28.85	0.00	3470.33
	11/29/06	3499.18	-	28.55	0.00	3470.63
MW-27	03/09/06	3498.03	-	28.42	0.00	3469.61
	06/08/06	3498.03	-	28.84	0.00	3469.19
	09/15/06	3498.03	-	28.79	0.00	3469.24
	11/29/06	3498.03	-	28.54	0.00	3469.49
MW-28	03/09/06	3498.69	-	28.55	0.00	3470.14
	06/08/06	3498.69	-	29.08	0.00	3469.61
	09/15/06	3498.69	-	28.92	0.00	3469.77
	11/29/06	3498.69	-	28.59	0.00	3470.10
MW-30	03/09/06	3498.65	-	28.97	0.00	3469.68
	06/08/06	3498.65	-	29.43	0.00	3469.22
	09/15/06	3498.65	-	29.36	0.00	3469.29
	11/29/06	3498.65	-	29.00	0.00	3469.65
RW-1	01/03/06	3498.89	24.36	24.47	0.11	3474.51
	01/09/06	3498.89	24.44	24.56	0.12	3474.43
	01/16/06	3498.89	24.26	24.30	0.04	3474.62
	01/23/06	3498.89	24.45	24.56	0.11	3474.42
	01/30/06	3498.89	24.49	24.55	0.06	3474.39
	02/07/06	3498.89	24.40	24.47	0.07	3474.48
	02/14/06	3498.89	24.31	24.36	0.05	3474.57
	02/21/06	3498.89	24.30	24.39	0.09	3474.58
	02/27/06	3498.89	24.31	24.39	0.08	3474.57
	03/06/06	3498.89	24.35	24.45	0.10	3474.53
	03/09/06	3498.89	24.18	24.26	0.08	3474.70

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-1	03/17/06	3498.89	24.48	24.50	0.02	3474.41
	03/21/06	3498.89	24.43	24.53	0.10	3474.45
	03/28/06	3498.89	24.48	24.54	0.06	3474.40
	04/03/06	3498.89	24.48	24.58	0.10	3474.40
	04/10/06	3498.89	24.26	24.30	0.04	3474.62
	04/17/06	3498.89	24.24	24.30	0.06	3474.64
	05/01/06	3498.89	25.30	25.36	0.06	3473.58
	05/08/06	3498.89	24.26	24.40	0.14	3474.61
	05/15/06	3498.89	24.50	24.72	0.22	3474.36
	06/01/06	3498.89	24.65	24.75	0.10	3474.23
	06/05/06	3498.89	24.58	24.62	0.04	3474.30
	06/08/06	3498.89	24.70	24.86	0.16	3474.17
	06/12/06	3498.89	24.81	24.91	0.10	3474.07
	06/19/06	3498.89	24.91	24.96	0.05	3473.97
	07/03/06	3498.89	25.02	25.06	0.04	3473.86
	07/10/06	3498.89	24.97	24.99	0.02	3473.92
	07/17/06	3498.89	24.88	24.90	0.02	3474.01
	07/26/06	3498.89	25.05	25.15	0.10	3473.83
	07/31/06	3498.89	25.05	25.11	0.06	3473.83
	08/07/06	3498.89	25.15	25.22	0.07	3473.73
	08/17/06	3498.89	Sheen	25.01	0.00	3473.88
	08/21/06	3498.89	Sheen	24.92	0.00	3473.97
	09/06/06	3498.89	Sheen	24.46	0.00	3474.43
	09/11/06	3498.89	24.48	24.53	0.05	3474.40
	09/15/06	3498.89	24.43	24.48	0.05	3474.45
	10/02/06	3498.89	24.45	24.50	0.05	3474.43
	10/09/06	3498.89	24.39	24.69	0.30	3474.46
	10/17/06	3498.89	24.35	24.60	0.25	3474.50
	10/23/06	3498.89	Sheen	24.40	0.00	3474.49
	10/30/06	3498.89	Sheen	24.38	0.00	3474.51
	11/06/06	3498.89	Sheen	24.33	0.00	3474.56
	11/13/06	3498.89	Sheen	24.29	0.00	3474.60
	11/27/06	3498.89	24.30	24.31	0.01	3474.59
	11/29/06	3498.89	24.30	24.31	0.01	3474.59
	12/04/06	3498.89	Sheen	24.27	0.00	3474.62
	12/12/06	3498.89	Sheen	24.37	0.00	3474.52
	12/18/06	3498.89	Sheen	24.32	0.00	3474.57
RW-2	01/03/06	3498.99	24.20	24.41	0.21	3474.76
	01/09/06	3498.99	24.35	24.55	0.20	3474.61
	01/16/06	3498.99	24.15	24.17	0.02	3474.84
	01/23/06	3498.99	24.36	24.45	0.09	3474.62

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LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-2	01/30/06	3498.99	24.42	24.52	0.10	3474.56
	02/07/06	3498.99	24.35	24.41	0.06	3474.63
	02/09/06	3498.99	24.55	24.57	0.02	3474.44
	02/14/06	3498.99	24.28	24.33	0.05	3474.70
	02/21/06	3498.99	24.26	24.35	0.09	3474.72
	02/27/06	3498.99	24.25	24.30	0.05	3474.73
	03/06/06	3498.99	24.30	24.37	0.07	3474.68
	03/09/06	3498.99	24.18	24.29	0.11	3474.79
	03/17/06	3498.99	24.53	24.54	0.01	3474.46
	03/21/06	3498.99	24.48	24.54	0.06	3474.50
	03/28/06	3498.99	24.50	24.55	0.05	3474.48
	04/03/06	3498.99	24.50	24.54	0.04	3474.48
	04/10/06	3498.99	Sheen	24.21	0.00	3474.78
	04/17/06	3498.99	Sheen	24.20	0.00	3474.79
	05/01/06	3498.99	Sheen	24.28	0.00	3474.71
	05/08/06	3498.99	24.19	24.21	0.02	3474.80
	05/15/06	3498.99	24.42	24.43	0.01	3474.57
	06/01/06	3498.99	Sheen	24.61	0.00	3474.38
	06/05/06	3498.99	Sheen	24.50	0.00	3474.49
	06/08/06	3498.99	24.68	24.70	0.02	3474.31
	06/12/06	3498.99	Sheen	25.83	0.00	3473.16
	06/19/06	3498.99	24.83	24.88	0.05	3474.15
	07/03/06	3498.99	Sheen	25.00	0.00	3473.99
	07/10/06	3498.99	24.90	24.96	0.06	3474.08
	07/17/06	3498.99	24.56	24.58	0.02	3474.43
	07/26/06	3498.99	24.83	24.87	0.04	3474.15
	07/31/06	3498.99	24.91	24.99	0.08	3474.07
	08/07/06	3498.99	26.11	26.29	0.18	3472.85
	08/17/06	3498.99	24.73	24.77	0.04	3474.25
	08/21/06	3498.99	24.55	24.57	0.02	3474.44
	09/06/06	3498.99	24.05	24.09	0.04	3474.93
	09/11/06	3498.99	24.14	24.21	0.07	3474.84
	09/15/06	3498.99	24.16	24.20	0.04	3474.82
	10/02/06	3498.99	24.19	24.21	0.02	3474.80
	10/09/06	3498.99	24.27	24.34	0.07	3474.71
	10/17/06	3498.99	24.25	24.31	0.06	3474.73
	10/23/06	3498.99	Sheen	24.30	0.00	3474.69
	10/30/06	3498.99	Sheen	24.26	0.00	3474.73
	11/06/06	3498.99	Sheen	24.24	0.00	3474.75
	11/13/06	3498.99	Sheen	24.21	0.00	3474.78
	11/20/06	3498.99	Sheen	24.29	0.00	3474.70
	11/27/06	3498.99	Sheen	24.25	0.00	3474.74

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-2	11/29/06	3498.99	Sheen	24.26	0.00	3474.73
	12/04/06	3498.99	Sheen	24.28	0.00	3474.71
	12/12/06	3498.99	Sheen	24.29	0.00	3474.70
	12/18/06	3498.99	Sheen	24.45	0.00	3474.54

Elevation based on the North American Vertical Datum of 1929.

TABLE 2

2006 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

LEA COUNTY, NM

All concentrations are reported in mg/L

		SW 846-8012B, 5030				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW-1	03/09/06	Not Sampled on Current Sample Schedule				
	06/08/06	Not Sampled on Current Sample Schedule				
	09/13/06	Not Sampled on Current Sample Schedule				
	11/29/06	<0.001	<0.001	<0.001	0.002	
MW-2	03/09/06	Not Sampled Due to PSH in Well				
	06/08/06	Not Sampled Due to PSH in Well				
	09/13/06	Not Sampled Due to PSH in Well				
	11/29/06	0.813	0.018	0.563	0.187	
MW-3	03/09/06	0.953	<0.1	0.1540	<0.1	
	06/08/06	0.876	<0.05	<0.05	0.0561	
	09/13/06	0.821	<0.02	0.0383	0.0427	
	11/29/06	0.568	<0.005	0.0365	0.0816	
MW-4	03/09/06	Not Sampled Due to PSH in Well				
	06/08/06	Not Sampled Due to PSH in Well				
	09/13/06	Not Sampled Due to PSH in Well				
	11/29/06	Not Sampled Due to PSH in Well				
MW-5	03/09/06	Not Sampled Due to PSH in Well				
	06/08/06	Not Sampled Due to PSH in Well				
	09/13/06	Not Sampled Due to PSH in Well				
	11/29/06	Not Sampled Due to PSH in Well				
MW-6	03/09/06	0.889	<0.1	0.87	0.21	
	06/08/06	Not Sampled Due to PSH in Well				
	09/13/06	1.100	<0.02	1.09	0.27	
	11/29/06	0.674	<0.005	0.71	0.31	
MW-7	03/09/06	Not Sampled Due to PSH in Well				
	06/08/06	Not Sampled Due to PSH in Well				
	09/13/06	Not Sampled Due to PSH in Well				
	11/29/06	Not Sampled Due to PSH in Well				
MW-8	03/09/06	Not Sampled on Current Sample Schedule				
	06/08/06	Not Sampled on Current Sample Schedule				
	09/13/06	Not Sampled on Current Sample Schedule				
	11/29/06	<0.001	<0.001	<0.001	<0.001	

TABLE 2
2006 CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030			
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62
MW-9	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-10	03/09/06	Not Sampled Due to PSH in Well			
	06/08/06	Not Sampled Due to PSH in Well			
	09/13/06	Not Sampled Due to PSH in Well			
	11/29/06	Not Sampled Due to PSH in Well			
MW-11	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-12	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-14	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-15	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-16	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-17	03/09/06	3.15	<0.02	2.34	0.367
	06/08/06	3.38	<0.02	2.58	0.370
	09/13/06	1.78	<0.2	1.10	<0.2
	11/29/06	2.75	<0.02	1.88	0.482

TABLE 2
2006 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030			
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES o - XYLENE
NMOC REGULATORY LIMIT		0.01	0.75	0.75	0.62
MW-18	03/09/06	4.18	<0.05	2.320	0.618
	06/08/06	3.77	<0.02	2.140	0.354
	09/13/06	2.27	<0.2	0.956	<0.2
	11/29/06	2.58	<0.01	1.450	0.410
MW-20	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	0.003	<0.001	0.0138	<0.001
MW-21	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-22	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-23	03/09/06	1.260	<0.02	0.118	0.0466
	06/08/06	1.220	<0.02	0.047	0.0233
	09/13/06	1.190	<0.02	0.021	<0.02
	11/29/06	1.140	<0.01	0.050	0.0670
MW-24	03/09/06	2.90	<0.02	0.567	0.1820
	06/08/06	3.23	<0.02	0.571	0.1460
	09/13/06	2.92	<0.02	0.502	0.1000
	11/29/06	2.64	<0.001	0.616	0.2180
MW-25	03/09/06	0.417	<0.01	<0.01	<0.01
	06/08/06	0.247	<0.02	<0.02	<0.02
	09/13/06	0.332	<0.001	<0.001	<0.001
	11/29/06	0.291	<0.001	<0.001	<0.001
MW-26	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	Not Sampled on Current Sample Schedule			
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	0.0412	<0.001	0.003	<0.001

TABLE 2
2006 CONCENTRATIONS OF BTEX IN GROUNDWATER
PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030			
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES o - XYLENE
NMOC D REGULATORY LIMIT		0.01	0.75	0.75	0.62
MW-27	03/09/06	<0.005	<0.005	<0.005	<0.005
	06/08/06	<0.001	<0.001	<0.001	<0.001
	09/13/06	<0.001	<0.001	<0.001	<0.001
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-28	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	<0.001	<0.001	<0.001	<0.001
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
MW-30	03/09/06	Not Sampled on Current Sample Schedule			
	06/08/06	<0.001	<0.001	<0.001	<0.001
	09/13/06	Not Sampled on Current Sample Schedule			
	11/29/06	<0.001	<0.001	<0.001	<0.001
RW-1	03/09/06	Not Sampled Due to PSH in Well			
	06/08/06	Not Sampled Due to PSH in Well			
	09/13/06	Not Sampled Due to PSH in Well			
	11/29/06	Not Sampled Due to PSH in Well			
RW-2	03/09/06	Not Sampled Due to PSH in Well			
	06/08/06	Not Sampled Due to PSH in Well			
	09/13/06	Not Sampled Due to PSH in Well			
	11/29/06	0.760	<0.005	0.061	0.203

Note: m, p and o xylenes combined when analyzed by Trace Laboratories Inc., only.

APPENDICES

APPENDIX A:
Release Notification and Corrective Action
(Form C-141)

District I - (505) 393-6161
 P.O. Box 1980
 Hobbs, NM 88241-1980
 District II - (505) 748-1283
 811 South First
 Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Road
 Aztec, NM 87410
 District IV - (505) 827-7131

State of New Mexico
 Energy Minerals and Natural Resources Department
 Oil Conservation Division
 2040 South Pacheco Street
 Santa Fe, New Mexico 87505
 (505) 827-7131

Form C-141
 Originated 2/13/97

Submit 2 copies to
 Appropriate District
 Office in accordance
 with Rule 116 on
 back side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name Texas-New Mexico Pipe Line Company	Contact Edwin H. Gripp
Address Box 60028, San Angelo, TX 76906	Telephone No. (915) 947-9000
Facility Name 16" main line	Facility Type pipe line

Surface Owner Millard Deak Estate	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	28	20S	37E					Sea

NATURE OF RELEASE

Type of Release Down crude	Volume of Release 83 barrels	Volume Recovered none
Source of Release 16" main line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 9-10-97 4:30 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Klizabeth	
By Whom? Mike Pearce	Date and Hour 9-11-97 1:30 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Internal Corrosion
 Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*

3600 sq. ft. pasture land.
 Contaminated soil will be excavated.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*

95° cloudy

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

OIL CONSERVATION DIVISION

Signature: *Edwin H. Gripp*
 Printed Name: Edwin H. Gripp
 Title: District Manager
 Date: 9-11-97 Phone: 915-947-9001

Approved by District Supervisor:
 Approval Date: Expiration Date:
 Conditions of Approval: Attached

* Attach Additional Sheets If Necessary

State Corp. Commission
 Pipe Line Division

Hazardous Waste Section
 NM Environmental Improvement Div.

TNM-97-18 JWC JAS