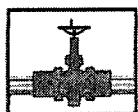


AP - 017

ANNUAL MONITORING REPORT

YEAR(S):

2004



PLAINS ALL AMERICAN

March 29, 2005

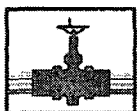
Mr. Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains All American – Annual Monitoring Reports
21 Sites in Lea County, New Mexico

Dear Mr. Martin:

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:

LF-59	Section 32, Township 19 South, Range 37 East, Lea County
TNM 97-04	Section 11, Township 16 South, Range 35 East, Lea County
HDO 90-23	Section 06, Township 20 South, Range 37 East, Lea County
Darr Angell 2	Section 11, 14, Township 15 South, Range 37 East, Lea County
SPS 11	Section 18, Township 18 South, Range 36 East, Lea County
TNM 97-17	Section 21, Township 20 South, Range 37 East, Lea County
TNM 97-18	Section 28, Township 20 South, Range 37 East, Lea County
TNM 98-05A	Section 26, Township 21 South, Range 37 East, Lea County
Red Byrd # 1	Section 01, Township 20 South, Range 36 East, Lea County
Bob Durham	Section 31, 32, Township 19 South, Range 37 East, Lea County
Monument Site 11	Section 30, Township 19 South, Range 37 East, Lea County
Darr Angell 1	Section 11, Township 15 South, Range 37 East, Lea County
TNM 98-05B	Section 26, Township 21 South, Range 37 East, Lea County
Monument Site 2	Section 6, 7, Township 20 South, Range 37 East, Lea County
Monument Site 10	Section 32, Township 19 South, Range 37 East, Lea County
Monument Site 17	Section 29, Township 19 South, Range 37 East, Lea County
Monument Site 18	Section 07, Township 20 South, Range 37 East, Lea County
Monument Barber 10" PL	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell 4	Section 11, 02, Township 15 South, Range 37 East, Lea County
Monument to Lea 6"	Section 05, Township 20 South, Range 37 East, Lea County
Texaco Skelly "F"	Section 21, Township 20 South, Range 37 East, Lea County



PLAINS
ALL AMERICAN

Nova 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 Nova 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 21 facilities.

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

Sincerely,

Camille Reynolds for CR

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

2004
ANNUAL MONITORING REPORT

AP-17

TNM 97-17
NE 1/4 SW 1/4 SECTION 21, TOWNSHIP 20 SOUTH RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS MARKETING EMS NUMBER: TNM 97-17

PREPARED FOR:

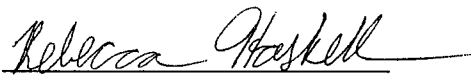
PLAINS MARKETING, L.P.
333 CLAY STREET SUITE 1600
HOUSTON, TEXAS 77022



PREPARED BY:

NOVA Safety and Environmental
2057 Commerce
Midland, Texas 79703

April 2005


Rebecca Haskell
Project Manager

for: 
Todd K. Choban
Vice-President Technical Services

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Figure 2A Inferred Groundwater Gradient Map – February 11, 2004

2B Inferred Groundwater Gradient Map – May 11, 2004

2C Inferred Groundwater Gradient Map – August 24 through August 25, 2004

2D Inferred Groundwater Gradient Map – December 02, 2004

Figure 3A Groundwater Concentration and Inferred PSH Extent Map – February 11, 2004

3B Groundwater Concentration and Inferred PSH Extent Map – May 11, 2004

3C Groundwater Concentration and Inferred PSH Extent Map – August 24 through August 25, 2004

3D Groundwater Concentration and Inferred PSH Extent Map – December 02, 2004

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Table 2 – Concentrations of BTEX in Groundwater

Table 3 – Concentrations of Semi-volatiles in Groundwater

Table 4 – Concentrations of Metals in Groundwater

APPENDICES

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

ENCLOSED ON CD

2004 Tables 1 and 2 - Groundwater Elevation and BTEX Concentration Data

2004 Figures 1, 2A-2D, and 3A-3D

Electronic Copies of Laboratory Reports

Historic Groundwater Elevation Data

Historic BTEX Concentration Data

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, having previously been managed by Environmental Technology Group, Inc. (ETGI). The TNM 97-17 pipeline release site, formally the responsibility of Enron Oil Trading and Transportation (EOTT) is the responsibility of Plains. This report is intended to be viewed as a complete document with figures, attachments, tables and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2004 only. For reference, the Site Location Map is provided as Figure 1. Cumulative tables and laboratory data are provided on the attached compact disk.

Groundwater monitoring was conducted during four quarterly events in calendar year 2004 to assess the levels and extent of dissolved phase and Phase-Separated Hydrocarbon (PSH) constituents. The groundwater monitoring events consisted of measuring static water levels in the monitor wells, checking for the presence of PSH, and 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 legal description of the site is NE 1/4 SW 1/4 Section 21, Township 20 South, Range 37 East, Lea County, New Mexico. The TNM 97-17 release was discovered by Texas New Mexico Pipe Line Company and reported on August 19, 1997. An estimated 170 barrels of crude oil were released and 160 were recovered. The release occurred from a 16-inch pipeline and was attributed to structural failure associated with internal pipeline corrosion. Following completion of repairs to the pipeline, approximately 1,160 cubic yards of impacted soil was excavated and stockpiled on-site pending treatment. The groundwater at this site ranges from approximately 15 to 21 feet below ground surface (bgs).

Twenty-eight groundwater monitor wells (MW-1 through MW-28) and six product recovery wells (RW-1 through RW-6) are currently on-site. A pneumatic product recovery system was operating on-site incorporating recovery wells RW-1, RW-5, RW-6 and monitor wells MW-4, MW-7, MW-8, MW-14, MW-15 and MW-19. The automated recovery system has been down since the spring of 2004 due to continual compressor breakdowns. Manual product recovery has been conducted at monitor wells MW-4, MW-6, MW-7, MW-8, MW-10, MW-14, MW-15, and MW-19 and on recovery wells RW-1, RW-5, and RW-6 during the 2004 calendar year.

FIELD ACTIVITIES

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004:

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

The site monitor wells were gauged and sampled on February 11, May 11, August 24 through August 25, and December 02, 2004. In accordance with the NMOCD letter dated March 6, 2001, additional groundwater samples were collected during the December 2004 monitoring event and analyzed for concentrations of semi-volatiles and New Mexico Water Quality Control Commission (WQCC) metals. During each sampling event the monitor wells were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. 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 the four (4) quarterly monitoring events, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2004 is provided as Table 1. Historic groundwater elevation data beginning at project inception is enclosed on the attached data disk.

Groundwater elevation contours generated from water level measurements acquired during the quarterly sampling events of 2004 indicated a general gradient of approximately 0.004 ft/ft to the southeast. The corrected groundwater elevations ranged between 3485.58 to 3489.66 feet above mean sea level, in MW-24 on February 11, 2004 and in MW-1 on May 11, 2004, respectively.

A measurable thickness of PSH was recorded for 15 monitor wells and recovery wells during the reporting period. The average thickness of PSH in monitor wells and recovery wells during the first, second, third and fourth quarters of 2004 were 0.80 feet, 1.40 feet, 1.22 feet, and 1.23 feet, respectively. The maximum thickness of PSH in monitor wells and recovery wells during the first, second, third and fourth quarters of 2004 were 2.10 feet, 3.66 feet, 3.64 feet, and 3.92 feet, respectively. PSH data for the 2004 gauging events can be found in Table 1. Approximately 916 gallons of PSH has been recovered since project inception. Approximately 242.3 gallons of PSH was recovered from the site during the 2004 reporting period.

LABORATORY RESULTS

Groundwater samples collected during the first three quarterly monitoring events were delivered to AnalySys Inc., Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8260b. Fourth quarter sample analysis was performed by Trace Analysis, Inc., of Lubbock, Texas for determination of BTEX constituent concentrations by EPA Method SW846-8021b. A cumulative listing of BTEX constituent concentrations is summarized in Table 2. Copies of the laboratory reports for 2004 are provided on the attached data disk. The quarterly groundwater sample results for benzene and BTEX concentrations are depicted on Figures 3A-3D.

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. Review of laboratory analytical results of the groundwater samples obtained during the 2004 monitoring period indicate that benzene and BTEX concentrations were below NMOCD regulatory standards in 15 monitor wells. However, during at least one quarterly monitor event, samples from 10 monitor wells and recovery wells displayed concentrations of benzene above the applicable NMOCD regulatory standard. All samples analyzed during the reporting period indicate concentrations of BTEX below the applicable NMOCD regulatory standard. Eight monitor wells and recovery wells contained measurable thicknesses of PSH during the annual monitoring period and were not sampled for at least one quarterly sampling event. Review of laboratory analytical results for semi-volatile constituents did not reveal constituents above NMOCD regulatory standards. Semi-volatile constituent results for all well locations sampled can be found in Table 3. Review of laboratory analytical results for WQCC metals constituents, reveal concentrations above NMOCD regulatory limits as follows: aluminum in 13 well locations, arsenic in 30 well locations, boron in 30 well locations, iron in all but one well location, manganese in seven well locations, and selenium in seven well locations as shown on Table 4.

Review of tables for metals analysis does not exhibit concentration trends or statistically consistent detections. The Southern High Plains, Permian Basin and the Trans Pecos geographical areas of southeastern New Mexico can contain naturally occurring concentrations of these metals in soil and groundwater above national averages. Based on the laboratory sample results, metals were detected (above WQCC standards) in both upgradient and downgradient monitor wells, indicating these metals are likely naturally occurring in the groundwater at concentrations above WQCC standards. Future groundwater sampling events for WQCC metals will involve filtering of samples upon arrival at the laboratory prior to analysis.

SUMMARY

This report presents the results of monitoring activities for the 2004 annual monitoring period. Currently, there are 28 groundwater monitor wells (MW-1 through MW-28) and six (6) product recovery wells (RW-1 through RW-6) on-site. Manual product recovery occurs on a bi-weekly schedule. Groundwater elevation contours generated from water level measurements acquired indicated a general gradient of approximately 0.004 ft/ft to the southeast.

As discussed above 15 monitor wells and recovery wells contained measurable PSH thicknesses in 2004. Approximately 916 gallons of PSH has been recovered since project inception. Approximately 242.3 gallons of PSH was recovered from the site during the 2004 reporting period. The average thickness of PSH in monitor wells and recovery wells during the first, second, third and fourth quarters of 2004 were 0.80 feet, 1.40 feet, 1.22 feet, and 1.23 feet, respectively. Throughout 2004 PSH amounts have fluctuated at the site with no obvious increases or decreases.

As discussed above benzene concentrations were above NMOCD regulatory standards in 10 monitor and recovery wells during 2004. Total BTEX concentrations observed in monitor wells on-site did not exceed the NMOCD regulatory standard during the reporting period. Monitor wells MW-4, MW-7, MW-8, MW-14, MW-15, and MW-19 and recovery wells RW-1 and RW-2 contained measurable thicknesses or a sheen of PSH during the annual monitoring period and were not sampled. Analytical results generated from semi-volatile sampling did not indicate constituents above NMOCD regulatory semi-volatile standards as shown on Table 3. Analytical results generated from WQCC metals sampling indicate constituents above NMOCD regulatory standards for aluminum, arsenic, boron, iron, manganese, and selenium as shown on Table 4. Review of tables for metals analysis does not exhibit concentration trends or statistically consistent detections. The Southern High Plains, Permian Basin and the Trans Pecos geographical areas of southeastern New Mexico can contain naturally occurring concentrations of these metals in soil and groundwater above national averages. Based on the laboratory sample results, metals were detected (above WQCC standards) in both upgradient and downgradient monitor wells, indicating these metals are likely naturally occurring in the groundwater at concentrations above WQCC standards. Future groundwater sampling events for WQCC metals will involve filtering of samples upon arrival at the laboratory prior to analysis.

The Release Notification and Corrective Action Form (C-141) is provided as Appendix A.

ANTICIPATED ACTIONS

The compressor for the automated recovery system will be replaced and running during the first quarter of 2005. The recovery system will be monitored and adjusted by adding or relocating pumps to maximize efficiency in product removal and gradient control. Quarterly sampling will continue in 2005. Manual product recovery and system operations will occur twice a week and will be adjusted according to site conditions.

Plains, respectfully request a reduction in sampling from semi-annual sampling to annual sampling in monitor well MW-24 which has consistently shown non-detect hydrocarbon concentrations. This request is based on the analytical results of nine successive sampling events (June 2002 to December 2004), indicating non-detection concentrations of BTEX in the referenced well.

Future groundwater sampling events for WQCC metals if required will involve filtering of samples upon arrival at the laboratory prior to analysis.

A plan will be developed to address the impacted and/or excavated soil remaining on site. Any soil proposals will be addressed under separate cover from this report.

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 Ed Martin
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
- Copy 2: Paul Sheeley and Larry Johnson
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
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333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com
- Copy 5: NOVA Safety and Environmental
2057 Commerce Street
Midland, TX 79703
rhaskell@novatraining.cc

Copy Number:

Figures

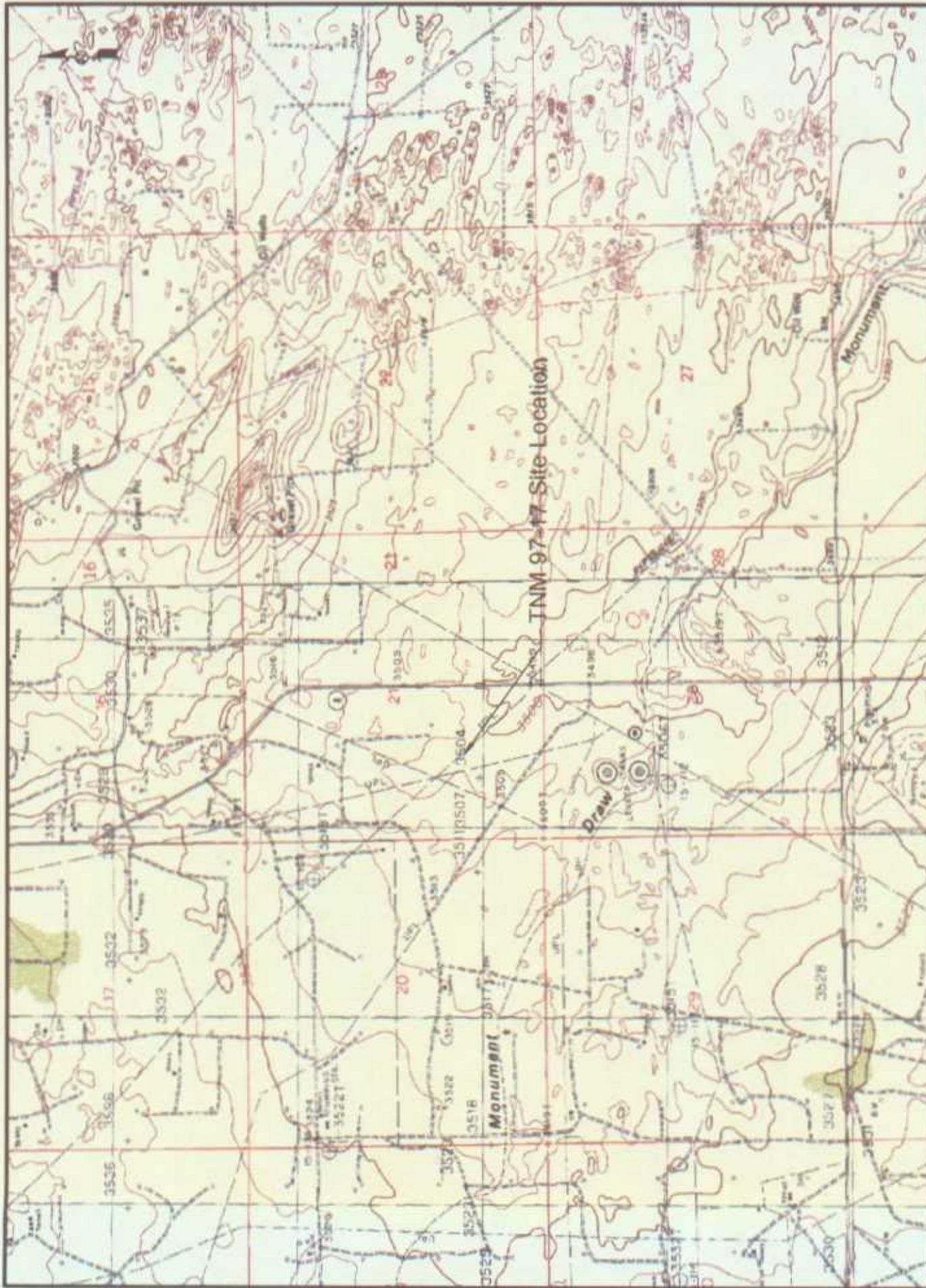


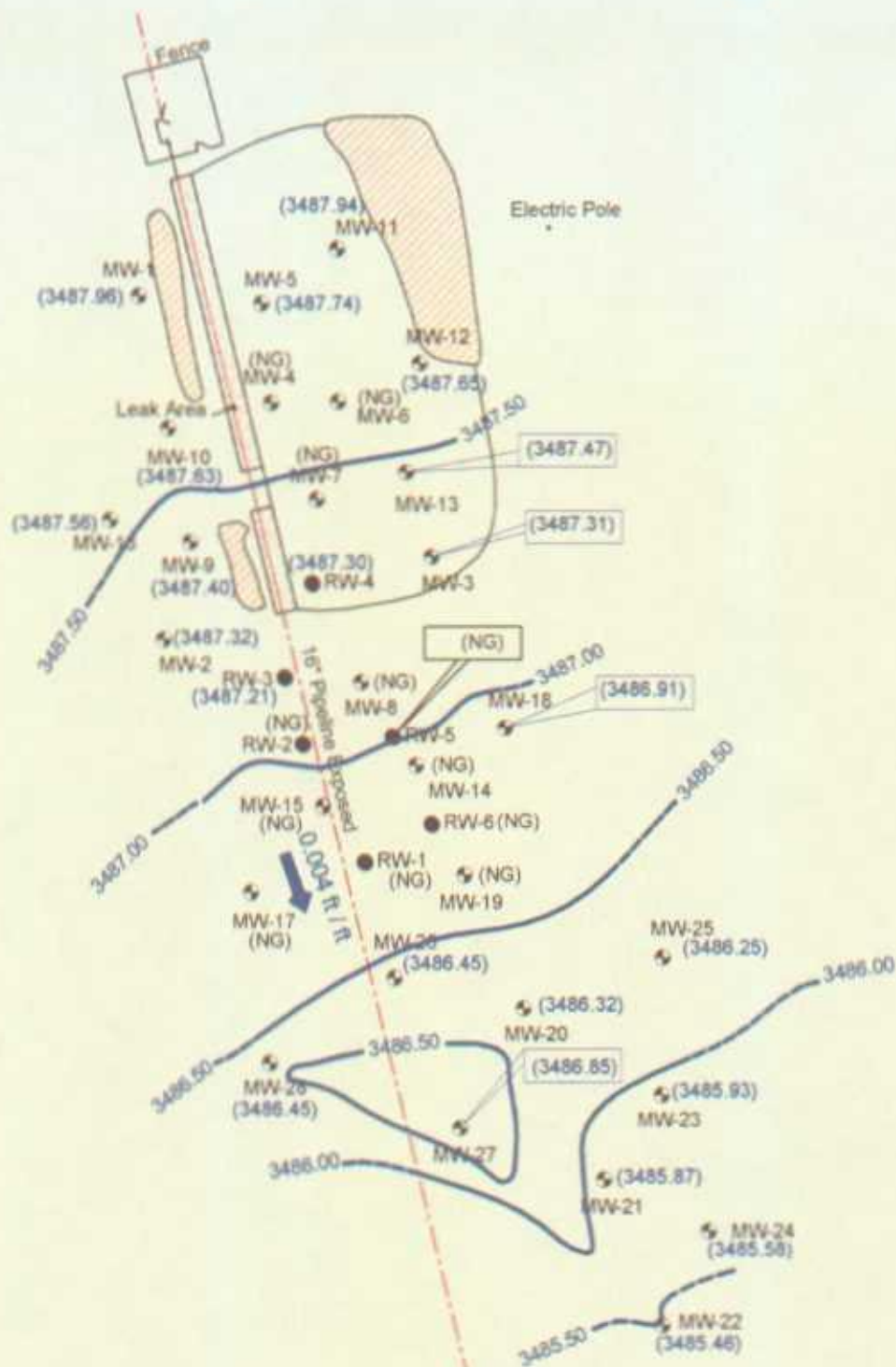
Figure 1
Site Location Map
Palmco Marketing, L.P.
TNM 97-17
Leas County, NM

Lat. N32° 33' 24"N Long. W103° 15' 37.3"W

NOVA Safety and Environmental



Drawn By: CDE	Prepared By: NCE
Revised: 10/2008	File No: 04004 Date: 27/08/2008



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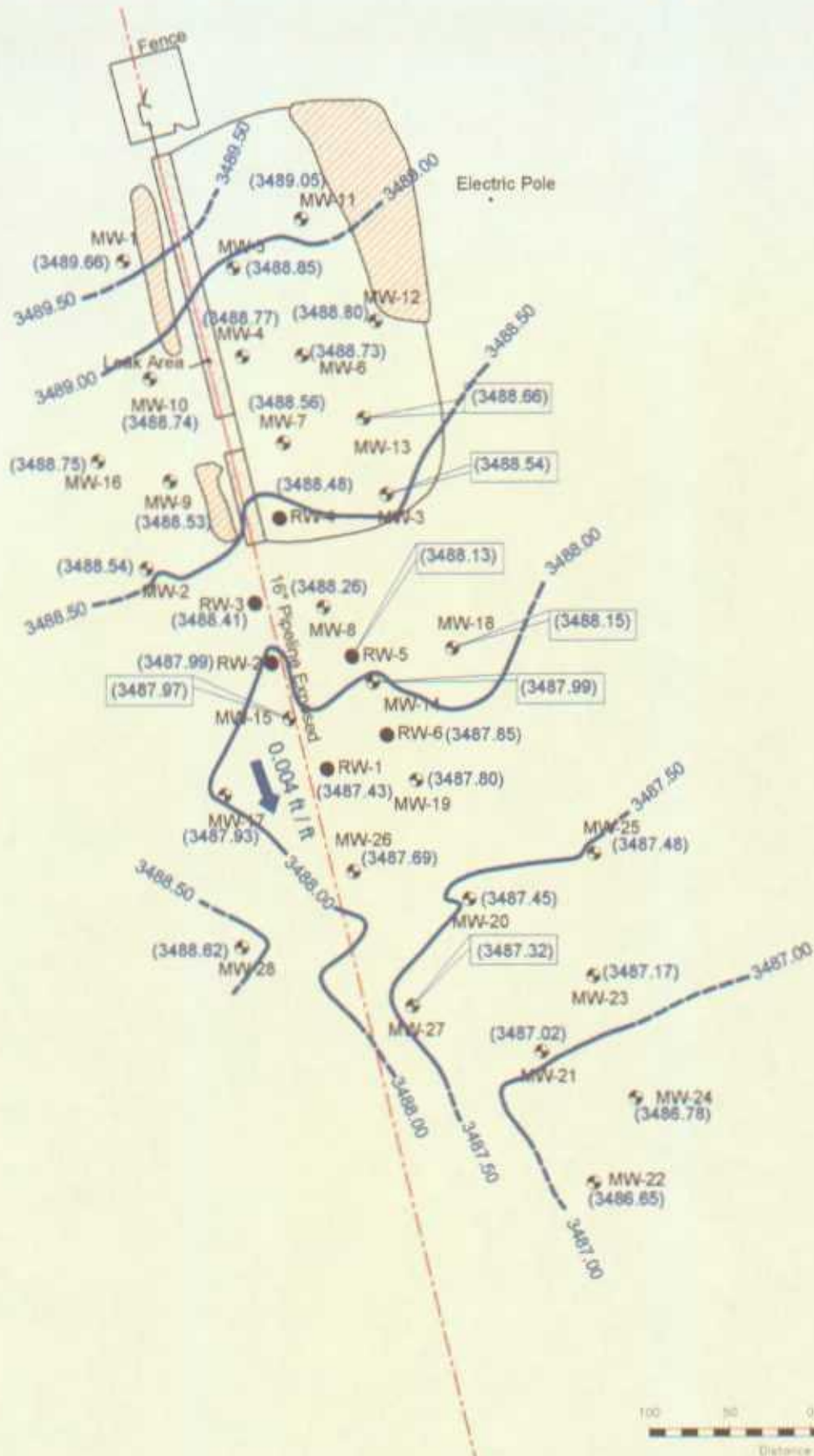
- Monitor Well Location
- Recovery Well Location
- Groundwater Elevation in Feet
- Stockpile Soil Area
- Excavated Area
- Groundwater Gradient Direction and Magnitude
- NG: Not Gauged



Figure 2A
Inferred Groundwater
Gradient Map
2/11/04
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100' Prep By: GPM Checked By: WBL
February 8, 2005

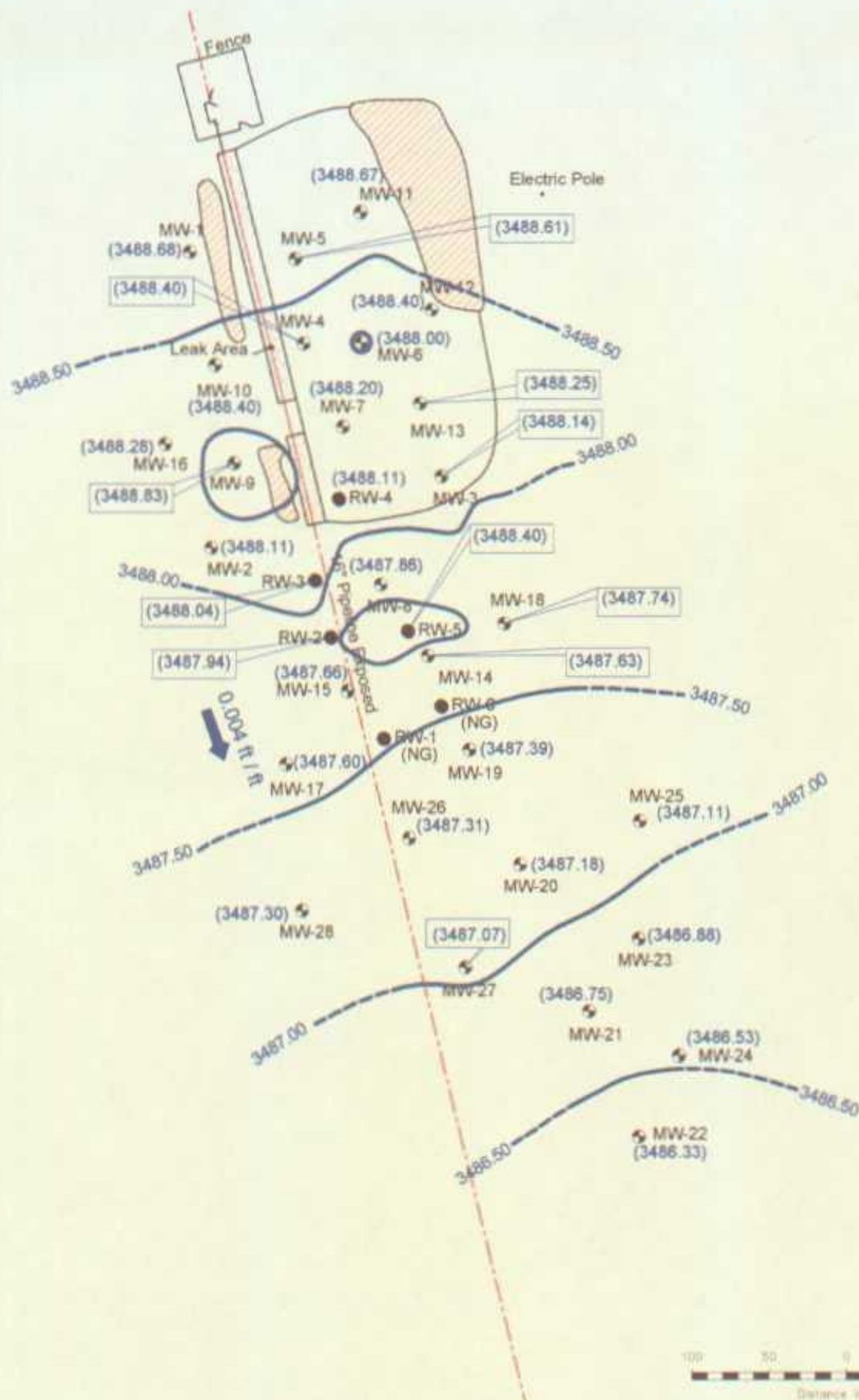


Legend	Monitor Well Location	Not Gauged
	Recovery Well Location	
	Groundwater Elevation in Feet	
	Stockpile Soil Area	
	Excavated Area	
	Groundwater Gradient Direction and Magnitude	



Figure 2B
Inferred Groundwater
Gradient Map
5/11/04
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental		
Scale: 1" = 100'	Prep By: DFW	Checked By: RWH
February 3, 2005		



Legend:

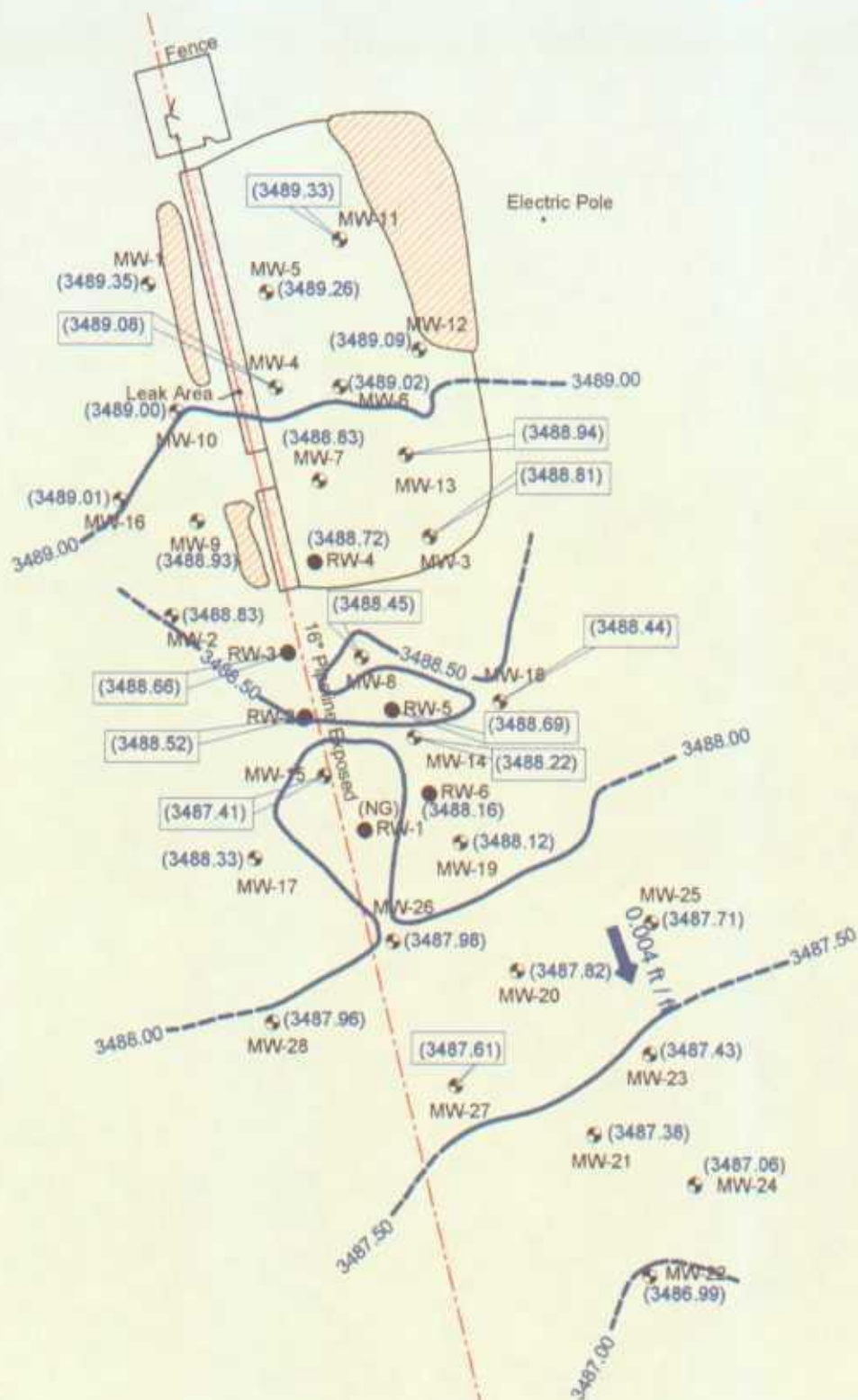
- Monitor Well Location
- Recovery Well Location
- Groundwater Elevation in Feet
- Stockpile Soil Area
- Excavated Area
- Groundwater Gradient Direction and Magnitude
- NG Not Gauged



Figure 2C:
Inferred Groundwater
Gradient Map
(8/25/04)
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100' Prep By: DFM Checked By: RRM
February 11, 2005



Legend:

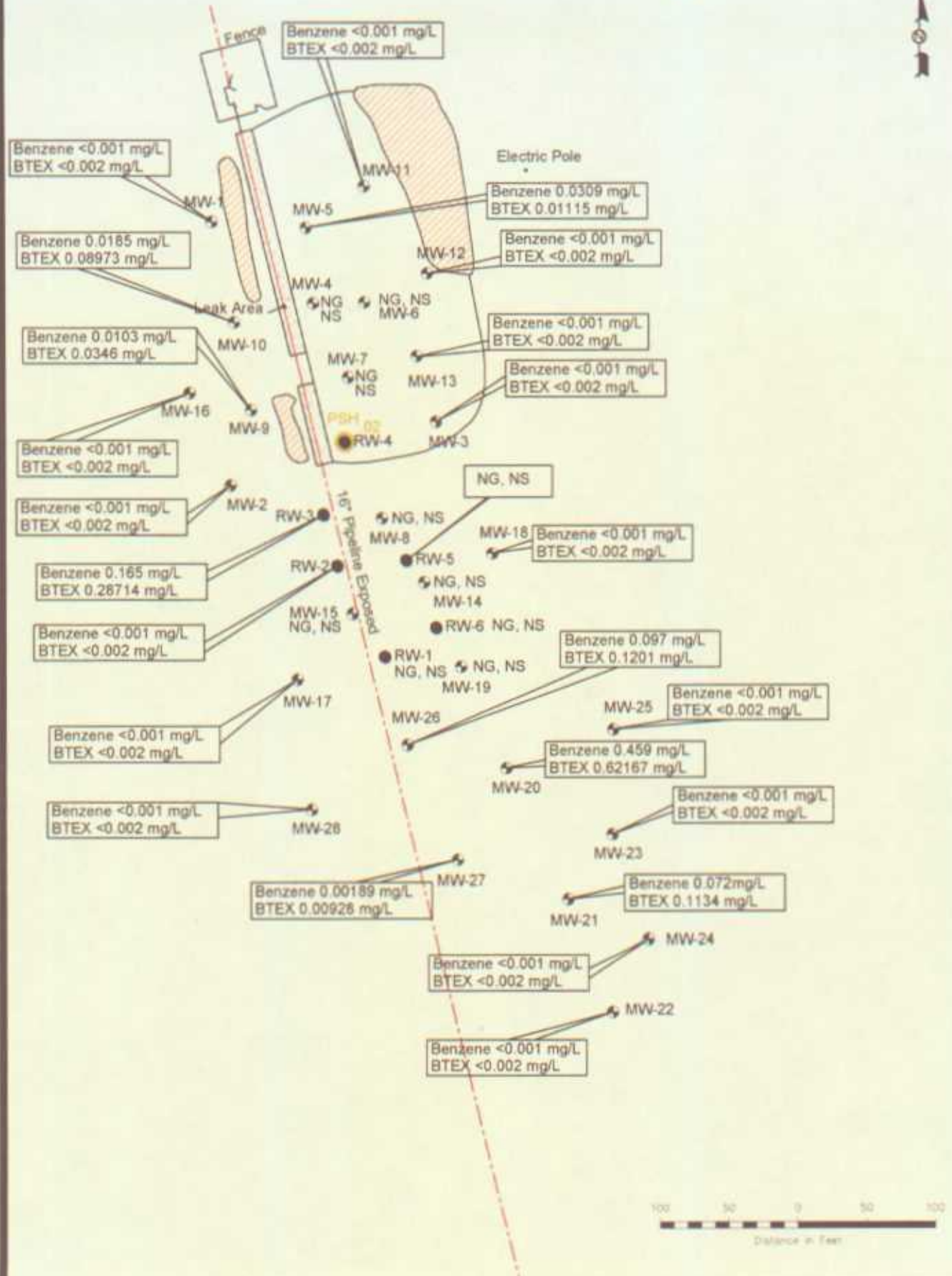
- Monitor Well Location
- Recovery Well Location
- Groundwater Elevation in Feet
- Stockpile Soil Area
- Excavated Area
- Groundwater Gradient Direction and Magnitude
- NG - Not Gauged



Figure 2D
Inferred Groundwater
Gradient Map
(12/2 Thru 12/3/04)
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental

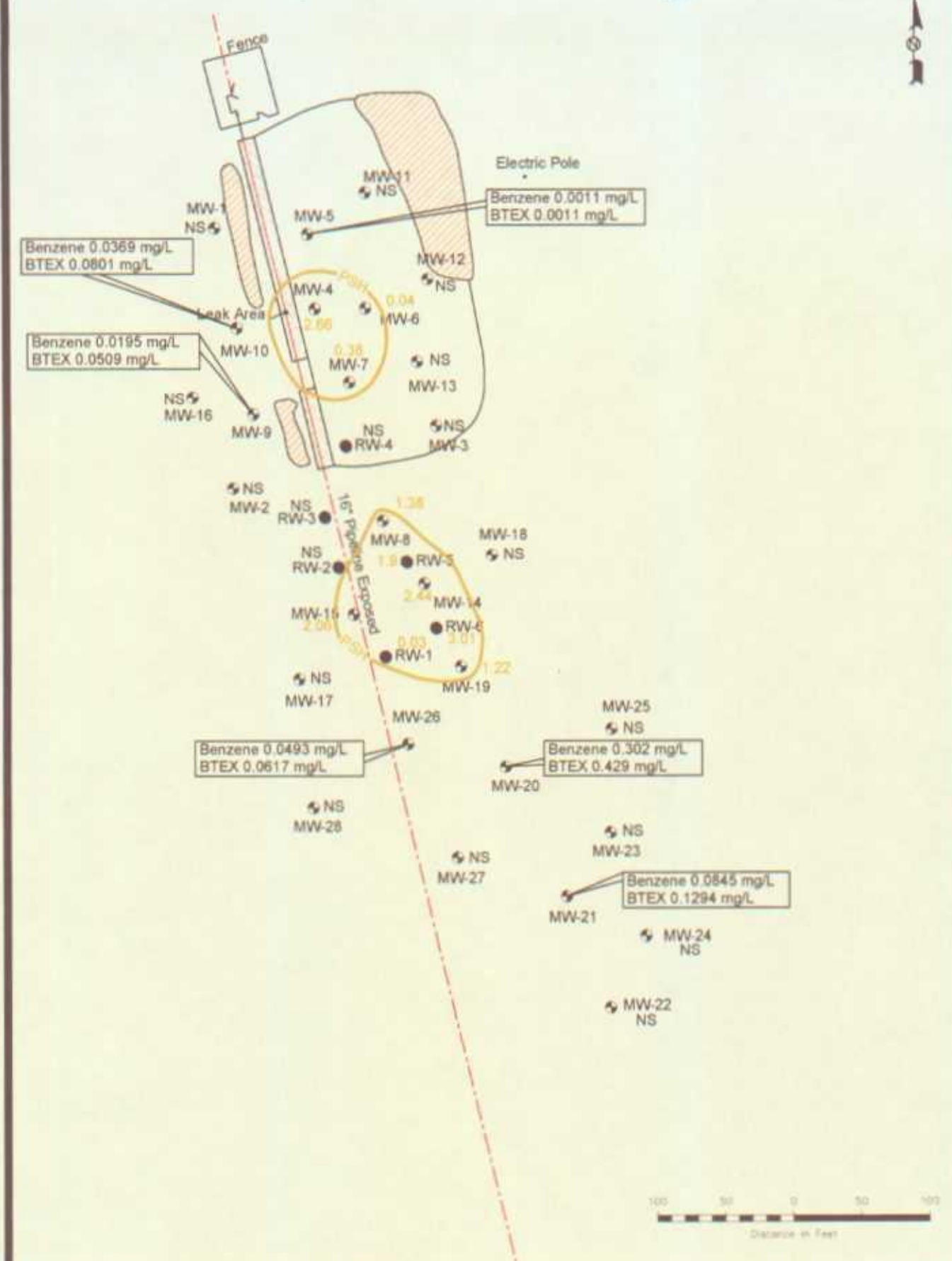
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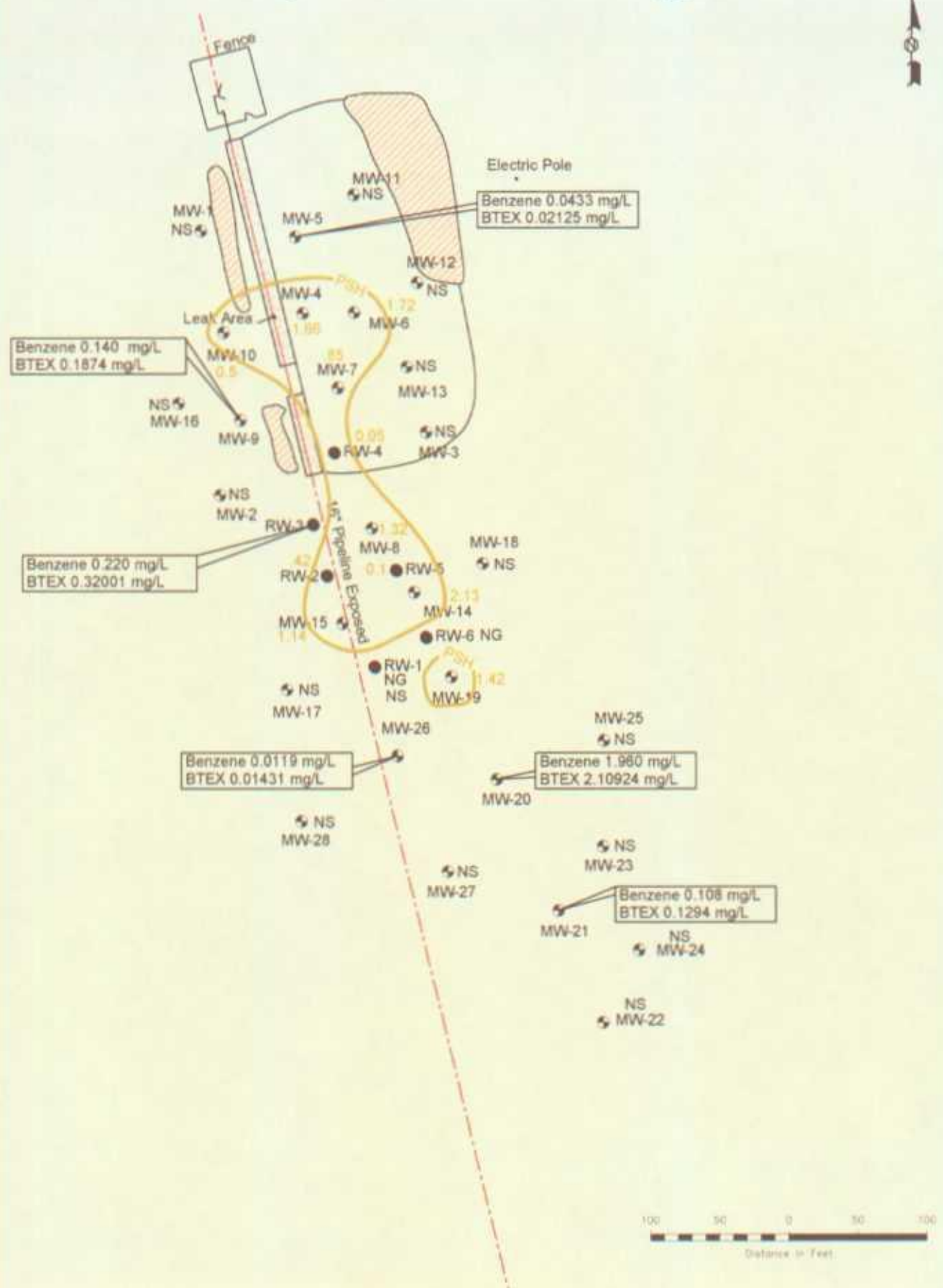


Legend			Figure 3A Groundwater Concentration and Inferred PSH Extent Map (2/11/04) Plains Pipeline, L.P. TNM 97-17 Los County, NM	NOVA Safety and Environmental		
 Monitor Well Location	 PSH Extent			Scale: 1" = 100'	Prep By: CPM	Checked By: RWH
 Recovery Well Location	NG Not Gauged			February 8, 2005		

Stockpile Soil Area: 
Excavated Area: 

NS Not Sampled





Legend:

	Monitor Well Location
	Recovery Well Location
	Stockpile Soil Area
	Excavated Area

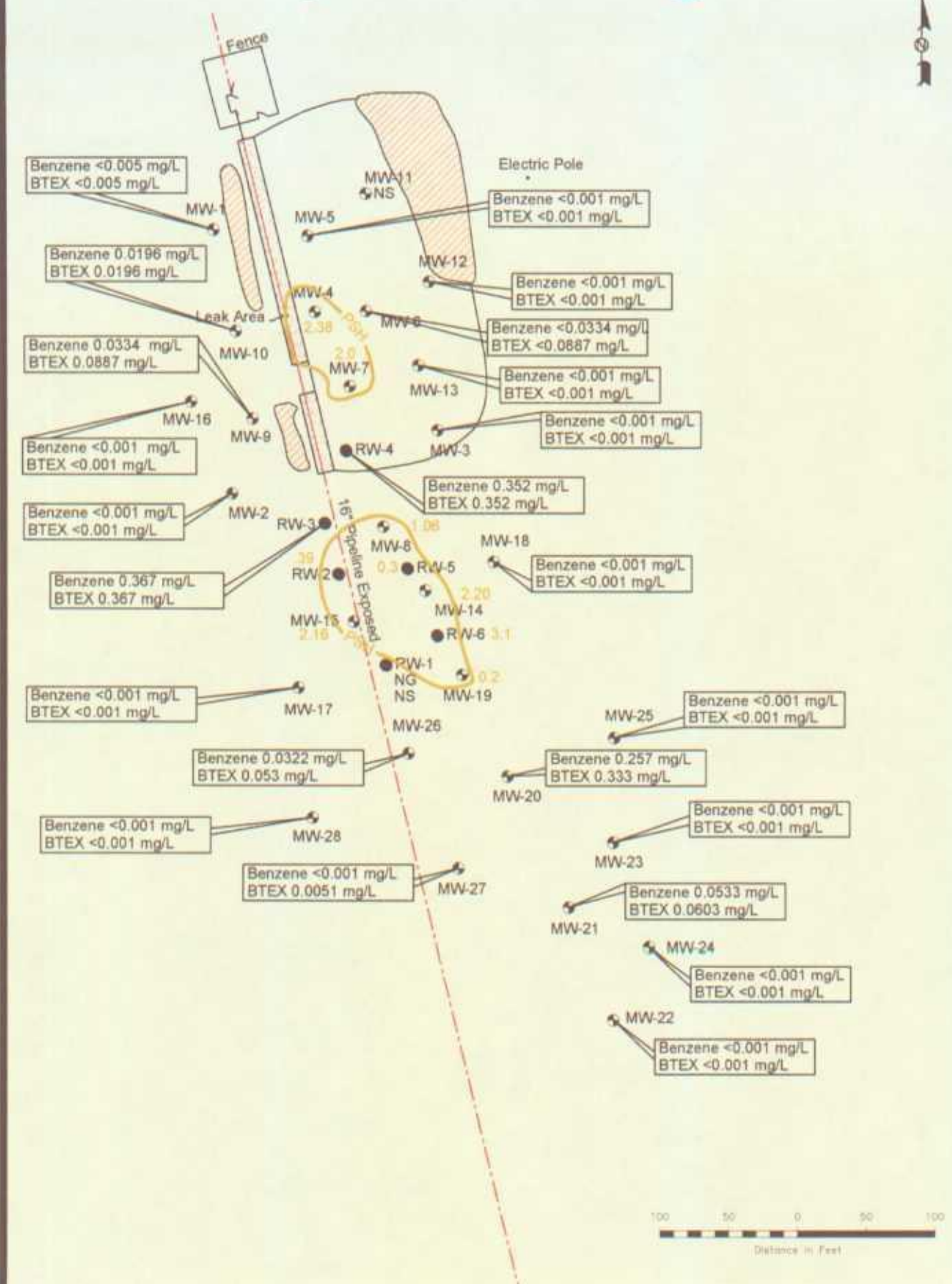
	PSH Extent
NG	Not Gauged
NS	Not Sampled



Figure 3C
Groundwater Concentration
and Inferred PSH Extent
Map (5/24 Thru 5/25/04)
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100'	Prep By: DPM	Checked By: RSH
February 8, 2005		



Legend:	
	Monitor Well Location
	Recovery Well Location
	Stockpile Soil Area
	Excavated Area
	PSH Extent
NG	Not Gauged
NS	Not Sampled



Figure 3D
Groundwater Concentration
and Inferred PSH Extent
Map (12/2/04)
Plains Pipeline, L.P.
TNM 97-17
Lea County, NM

NOVA Safety and Environmental		
Scale 1" = 100'	Prep By: DPM	Checked By: RHH
February 6, 2005		

Tables

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/11/04	3,510.90	ND	22.94	0.00	3,487.96
	05/11/04	3,510.90	ND	21.24	0.00	3,489.66
	08/25/04	3,510.90	ND	22.22	0.00	3,488.68
	12/02/04	3,510.90	ND	21.55	0.00	3,489.35
MW - 2	02/11/04	3,509.23	ND	21.91	0.00	3,487.32
	05/11/04	3,509.23	ND	20.69	0.00	3,488.54
	08/25/04	3,509.23	ND	21.12	0.00	3,488.11
	12/02/04	3,509.23	ND	20.40	0.00	3,488.83
MW - 3	02/11/04	3,508.82	ND	21.51	0.00	3,487.31
	05/11/04	3,508.82	ND	20.28	0.00	3,488.54
	08/25/04	3,508.82	ND	20.68	0.00	3,488.14
	12/02/04	3,508.82	ND	20.01	0.00	3,488.81
MW - 4	02/02/04	3,509.15	21.82	23.27	1.45	3,487.11
	02/26/04	3,509.15	21.44	22.77	1.33	3,487.51
	03/16/04	3,509.15	21.62	23.23	1.61	3,487.29
	03/19/04	3,509.15	21.56	23.17	1.61	3,487.35
	03/25/04	3,509.15	21.60	23.18	1.58	3,487.31
	04/01/04	3,509.15	21.53	23.20	1.67	3,487.37
	04/08/04	3,509.15	20.90	23.10	2.20	3,487.92
	04/14/04	3,509.15	20.79	23.70	2.91	3,487.92
	04/16/04	3,509.15	20.89	23.39	2.50	3,487.89
	04/22/04	3,509.15	20.08	22.30	2.22	3,488.74
	04/29/04	3,509.15	20.07	22.50	2.43	3,488.72
	05/11/04	3,509.15	19.98	22.64	2.66	3,488.77
	06/08/04	3,509.15	20.12	23.02	2.90	3,488.60
	06/17/04	3,509.15	20.08	23.07	2.99	3,488.62
	06/22/04	3,509.15	20.12	23.04	2.92	3,488.59
	06/29/04	3,509.15	20.08	23.00	2.92	3,488.63
	07/06/04	3,509.15	20.11	23.00	2.89	3,488.61
	07/13/04	3,509.15	20.17	23.04	2.87	3,488.55
	07/20/04	3,509.15	20.32	23.13	2.81	3,488.41
	08/04/04	3,509.15	20.35	23.10	2.75	3,488.39
	08/10/04	3,509.15	20.37	23.08	2.71	3,488.37

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	08/16/04	3,509.15	20.53	23.12	2.59	3,488.23
	08/23/04	3,509.15	20.45	22.65	2.20	3,488.37
	08/25/04	3,509.15	20.50	22.16	1.66	3,488.40
	08/26/04	3,509.15	20.48	22.40	1.92	3,488.38
	08/31/04	3,509.15	20.56	22.73	2.17	3,488.26
	09/13/04	3,509.15	20.66	22.65	1.99	3,488.19
	09/20/04	3,509.15	20.72	22.58	1.86	3,488.15
	09/30/04	3,509.15	20.89	22.32	1.43	3,488.05
	10/04/04	3,509.15	20.19	20.42	0.23	3,488.93
	10/11/04	3,509.15	19.87	21.85	1.98	3,488.98
	10/18/04	3,509.15	19.86	21.60	1.74	3,489.03
	10/26/04	3,509.15	19.96	21.00	1.04	3,489.03
	11/02/04	3,509.15	19.85	22.00	2.15	3,488.98
	11/08/04	3,509.15	19.80	21.72	1.92	3,489.06
	11/15/04	3,509.15	19.73	23.65	3.92	3,488.83
	12/01/04	3,509.15	19.71	22.09	2.38	3,489.08
	12/02/04	3,509.15	19.71	22.09	2.38	3,489.08
	12/14/04	3,509.15	19.63	22.09	2.46	3,489.15
	12/21/04	3,509.15	19.54	22.25	2.71	3,489.20
	12/29/04	3,509.15	19.44	22.39	2.95	3,489.27
MW - 5	02/02/04	3,509.96	0.00	22.76	0.00	3,487.20
	02/11/04	3,509.96	ND	22.22	0.00	3,487.74
	02/26/04	3,509.96	ND	22.22	0.00	3,487.74
	03/16/04	3,509.96	ND	22.21	0.00	3,487.75
	03/19/04	3,509.96	ND	22.36	0.00	3,487.60
	03/25/04	3,509.96	ND	22.35	0.00	3,487.61
	04/01/04	3,509.96	ND	22.32	0.00	3,487.64
	04/08/04	3,509.96	ND	21.74	0.00	3,488.22
	04/14/04	3,509.96	ND	21.71	0.00	3,488.25
	04/16/04	3,509.96	ND	21.84	0.00	3,488.12
	04/22/04	3,509.96	ND	21.04	0.00	3,488.92
	04/29/04	3,509.96	21.01	21.02	0.01	3,488.95
	05/11/04	3,509.96	ND	21.11	0.00	3,488.85
	06/08/04	3,509.96	ND	21.09	0.00	3,488.87
	06/17/04	3,509.96	21.03	21.08	0.05	3,488.92

TABLE 1
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Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	06/22/04	3,509.96	21.07	21.10	0.03	3,488.89
	06/29/04	3,509.96	21.05	21.12	0.07	3,488.90
	07/06/04	3,509.96	ND	21.13	0.00	3,488.83
	07/13/04	3,509.96	ND	21.18	0.00	3,488.78
	07/20/04	3,509.96	ND	23.11	0.00	3,486.85
	08/04/04	3,509.96	ND	23.36	0.00	3,486.60
	08/10/04	3,509.96	ND	21.35	0.00	3,488.61
	08/16/04	3,509.96	Sheen	21.48	0.00	3,488.48
	08/23/04	3,509.96	Sheen	21.39	0.00	3,488.57
	08/25/04	3,509.96	ND	21.35	0.00	3,488.61
	08/26/04	3,509.96	Sheen	21.38	0.00	3,488.58
	08/31/04	3,509.96	Sheen	21.70	0.00	3,488.26
	09/13/04	3,509.96	Sheen	21.57	0.00	3,488.39
	09/20/04	3,509.96	Sheen	21.60	0.00	3,488.36
	09/30/04	3,509.96	Sheen	21.63	0.00	3,488.33
	10/04/04	3,509.96	Sheen	21.12	0.00	3,488.84
	10/11/04	3,509.96	Sheen	20.86	0.00	3,489.10
	10/18/04	3,509.96	Sheen	20.84	0.00	3,489.12
	10/26/04	3,509.96	Sheen	20.97	0.00	3,488.99
	11/02/04	3,509.96	Sheen	20.83	0.00	3,489.13
	11/08/04	3,509.96	Sheen	21.81	0.00	3,488.15
	11/15/04	3,509.96	Sheen	20.80	0.00	3,489.16
	12/01/04	3,509.96	ND	20.70	0.00	3,489.26
	12/03/04	3,509.96	ND	20.70	0.00	3,489.26
	12/14/04	3,509.96	Sheen	20.57	0.00	3,489.39
	12/21/04	3,509.96	Sheen	20.51	0.00	3,489.45
	12/29/04	3,509.96	Sheen	20.44	0.00	3,489.52
MW-6	02/02/04	3,507.94	20.88	21.09	0.21	3,487.03
	02/26/04	3,507.94	20.41	20.85	0.44	3,487.46
	03/16/04	3,507.94	20.62	21.17	0.55	3,487.24
	03/19/04	3,507.94	20.60	21.09	0.49	3,487.27
	03/25/04	3,507.94	20.56	21.14	0.58	3,487.29
	04/01/04	3,507.94	20.22	20.87	0.65	3,487.62
	04/08/04	3,507.94	20.47	21.10	0.63	3,487.38
	04/14/04	3,507.94	19.92	20.63	0.71	3,487.91

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Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	04/16/04	3,507.94	20.06	20.47	0.41	3,487.82
	04/22/04	3,507.94	19.27	19.48	0.21	3,488.64
	04/29/04	3,507.94	19.22	19.40	0.18	3,488.69
	05/11/04	3,507.94	19.20	19.24	0.04	3,488.73
	06/08/04	3,507.94	19.26	19.55	0.29	3,488.64
	06/17/04	3,507.94	19.23	19.53	0.30	3,488.67
	06/22/04	3,507.94	19.26	19.51	0.25	3,488.64
	06/29/04	3,507.94	19.24	19.55	0.31	3,488.65
	07/06/04	3,507.94	19.27	19.72	0.45	3,488.60
	07/13/04	3,507.94	19.31	19.74	0.43	3,488.57
	07/20/04	3,507.94	19.40	20.10	0.70	3,488.44
	08/04/04	3,507.94	19.44	20.00	0.56	3,488.42
	08/10/04	3,507.94	19.42	20.02	0.60	3,488.43
	08/16/04	3,507.94	19.92	20.30	0.38	3,487.96
	08/23/04	3,507.94	19.53	19.97	0.44	3,488.34
	08/25/04	3,507.94	19.68	21.40	1.72	3,488.00
	08/26/04	3,507.94	19.55	19.95	0.40	3,488.33
	08/31/04	3,507.94	19.61	19.96	0.35	3,488.28
	09/13/04	3,507.94	19.70	19.98	0.28	3,488.20
	09/20/04	3,507.94	19.78	19.96	0.18	3,488.13
	09/30/04	3,507.94	19.85	19.98	0.13	3,488.07
	10/04/04	3,507.94	19.29	19.42	0.13	3,488.63
	10/11/04	3,507.94	19.10	19.19	0.09	3,488.83
	10/18/04	3,507.94	SHEEN	19.10	0.00	3,488.84
	10/26/04	3,507.94	SHEEN	19.16	0.00	3,488.78
	11/02/04	3,507.94	SHEEN	19.10	0.00	3,488.84
	11/08/04	3,507.94	19.01	19.03	0.02	3,488.93
	11/15/04	3,507.94	19.00	19.01	0.01	3,488.94
	12/01/04	3,507.94	SHEEN	18.92	0.00	3,489.02
	12/03/04	3,507.94	ND	18.92	0.00	3,489.02
	12/14/04	3,507.94	18.77	18.81	0.04	3,489.16
	12/21/04	3,507.94	SHEEN	18.82	0.00	3,489.12
	12/29/04	3,507.94	SHEEN	18.68	0.00	3,489.26
MW - 7	02/02/04	3,507.08	20.69	21.04	0.35	3,486.34
	02/26/04	3,507.08	19.68	20.33	0.65	3,487.30

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Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	03/16/04	3,507.08	19.89	20.70	0.81	3,487.07
	03/19/04	3,507.08	19.83	20.53	0.70	3,487.15
	03/25/04	3,507.08	19.82	20.71	0.89	3,487.13
	04/01/04	3,507.08	19.80	20.68	0.88	3,487.15
	04/08/04	3,507.08	19.78	20.70	0.92	3,487.16
	04/14/04	3,507.08	19.17	19.85	0.68	3,487.81
	04/16/04	3,507.08	19.35	19.85	0.50	3,487.66
	04/22/04	3,507.08	18.47	18.93	0.46	3,488.54
	04/29/04	3,507.08	18.42	19.04	0.62	3,488.57
	05/11/04	3,507.08	18.46	18.84	0.38	3,488.56
	06/08/04	3,507.08	18.45	19.66	1.21	3,488.45
	06/17/04	3,507.08	18.41	19.69	1.28	3,488.48
	06/22/04	3,507.08	18.43	19.61	1.18	3,488.47
	06/29/04	3,507.08	18.38	19.55	1.17	3,488.52
	07/06/04	3,507.08	18.41	20.12	1.71	3,488.41
	07/13/04	3,507.08	18.46	20.07	1.61	3,488.38
	07/20/04	3,507.08	18.58	20.43	1.85	3,488.22
	08/04/04	3,507.08	18.60	20.43	1.83	3,488.21
	08/10/04	3,507.08	18.63	20.41	1.78	3,488.18
	08/16/04	3,507.08	17.77	20.72	2.95	3,488.87
	08/23/04	3,507.08	18.74	19.82	1.08	3,488.18
	08/25/04	3,507.08	18.75	19.60	0.85	3,488.20
	08/26/04	3,507.08	18.90	19.30	0.40	3,488.12
	08/31/04	3,507.08	18.83	19.75	0.92	3,488.11
	09/13/04	3,507.08	18.88	19.64	0.76	3,488.09
	09/20/04	3,507.08	18.94	19.59	0.65	3,488.04
	09/30/04	3,507.08	19.85	20.50	0.65	3,487.13
	10/04/04	3,507.08	18.49	19.19	0.70	3,488.49
	10/11/04	3,507.08	18.22	18.73	0.51	3,488.78
	10/18/04	3,507.08	18.32	19.10	0.78	3,488.64
	10/26/04	3,507.08	18.53	19.00	0.47	3,488.48
	11/08/04	3,507.08	18.64	19.47	0.83	3,488.32
	11/15/04	3,507.08	18.10	19.85	1.75	3,488.72
	12/01/04	3,507.08	17.95	19.95	2.00	3,488.83
	12/03/04	3,507.08	17.95	19.95	2.00	3,488.83
	12/14/04	3,507.08	18.06	18.31	0.25	3,488.98

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	12/21/04	3,507.08	18.00	18.43	0.43	3,489.02
	12/29/04	3,507.08	17.93	18.20	0.27	3,489.11
MW - 8	02/02/04	3,506.39	19.32	20.67	1.35	3,486.87
	02/26/04	3,506.39	19.30	20.35	1.05	3,486.93
	03/16/04	3,506.39	19.50	20.56	1.06	3,486.73
	03/19/04	3,506.39	19.50	20.46	0.96	3,486.75
	03/25/04	3,506.39	19.46	20.50	1.04	3,486.77
	04/01/04	3,506.39	19.43	20.37	0.94	3,486.82
	04/08/04	3,506.39	19.40	20.44	1.04	3,486.83
	04/14/04	3,506.39	18.63	19.76	1.13	3,487.59
	04/16/04	3,506.39	18.81	19.80	0.99	3,487.43
	04/22/04	3,506.39	17.95	19.13	1.18	3,488.26
	04/29/04	3,506.39	17.95	19.18	1.23	3,488.26
	05/11/04	3,506.39	17.92	19.30	1.38	3,488.26
	06/08/04	3,506.39	18.06	19.63	1.57	3,488.09
	06/17/04	3,506.39	18.02	19.71	1.69	3,488.12
	06/22/04	3,506.39	18.07	19.83	1.76	3,488.06
	06/29/04	3,506.39	18.04	19.88	1.84	3,488.07
	07/06/04	3,506.39	18.00	19.65	1.65	3,488.14
	07/13/04	3,506.39	18.03	19.67	1.64	3,488.11
	07/20/04	3,506.39	18.20	19.88	1.68	3,487.94
	08/04/04	3,506.39	18.19	19.89	1.70	3,487.95
	08/10/04	3,506.39	18.20	19.81	1.61	3,487.95
	08/16/04	3,506.39	18.37	19.32	0.95	3,487.88
	08/23/04	3,506.39	18.30	19.88	1.58	3,487.85
	08/25/04	3,506.39	18.33	19.65	1.32	3,487.86
	08/26/04	3,506.39	18.29	19.65	1.36	3,487.90
	08/31/04	3,506.39	18.37	19.76	1.39	3,487.81
	09/13/04	3,506.39	18.45	19.72	1.27	3,487.75
	09/20/04	3,506.39	18.53	19.72	1.19	3,487.68
	09/30/04	3,506.39	18.58	19.63	1.05	3,487.65
	10/04/04	3,506.39	17.88	19.22	1.34	3,488.31
	10/11/04	3,506.39	17.76	19.55	1.79	3,488.36
	10/18/04	3,506.39	17.70	19.59	1.89	3,488.41
	10/26/04	3,506.39	17.89	19.22	1.33	3,488.30

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	11/02/04	3,506.39	18.08	18.49	0.41	3,488.25
	11/08/04	3,506.39	17.94	18.94	1.00	3,488.30
	11/15/04	3,506.39	17.76	18.80	1.04	3,488.47
	12/01/04	3,506.39	17.78	18.87	1.09	3,488.45
	12/03/04	3,506.39	17.78	18.84	1.06	3,488.45
	12/14/04	3,506.39	17.62	18.11	0.49	3,488.70
	12/21/04	3,506.39	17.58	18.45	0.87	3,488.68
	12/29/04	3,506.39	17.56	18.48	0.92	3,488.69
MW - 9	02/02/04	3,509.36	ND	22.76	0.00	3,486.60
	02/11/04	3,509.36	ND	21.96	0.00	3,487.40
	02/26/04	3,509.36	ND	22.02	0.00	3,487.34
	03/16/04	3,509.36	ND	22.23	0.00	3,487.13
	03/19/04	3,509.36	ND	22.19	0.00	3,487.17
	03/25/04	3,509.36	ND	22.17	0.00	3,487.19
	04/01/04	3,509.36	ND	22.13	0.00	3,487.23
	04/08/04	3,509.36	ND	22.10	0.00	3,487.26
	04/14/04	3,509.36	ND	21.49	0.00	3,487.87
	04/16/04	3,509.36	ND	21.56	0.00	3,487.80
	04/22/04	3,509.36	ND	20.74	0.00	3,488.62
	04/29/04	3,509.36	ND	20.74	0.00	3,488.62
	05/11/04	3,509.33	ND	20.80	0.00	3,488.53
	06/08/04	3,509.33	ND	20.90	0.00	3,488.43
	06/17/04	3,509.33	ND	20.84	0.00	3,488.49
	06/22/04	3,509.33	ND	20.87	0.00	3,488.46
	06/29/04	3,509.33	ND	20.85	0.00	3,488.48
	07/06/04	3,509.33	ND	20.88	0.00	3,488.45
	07/13/04	3,509.33	ND	20.92	0.00	3,488.41
	07/20/04	3,509.33	ND	21.08	0.00	3,488.25
	08/04/04	3,509.33	ND	21.10	0.00	3,488.23
	08/10/04	3,509.33	ND	21.08	0.00	3,488.25
	08/16/04	3,509.33	Sheen	21.23	0.00	3,488.10
	08/23/04	3,509.33	ND	21.12	0.00	3,488.21
	08/25/04	3,509.33	ND	21.50	0.00	3,487.83
	08/26/04	3,509.33	ND	21.16	0.00	3,488.17
	08/31/04	3,509.33	Sheen	21.21	0.00	3,488.12

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	09/13/04	3,509.33	Sheen	21.33	0.00	3,488.00
	09/20/04	3,509.33	Sheen	21.36	0.00	3,487.97
	09/20/04	3,509.33	Sheen	21.30	0.00	3,488.03
	10/04/04	3,509.33	Sheen	20.81	0.00	3,488.52
	10/11/04	3,509.33	Sheen	20.60	0.00	3,488.73
	10/18/04	3,509.33	Sheen	20.60	0.00	3,488.73
	10/26/04	3,509.33	Sheen	20.64	0.00	3,488.69
	11/02/04	3,509.33	Sheen	20.61	0.00	3,488.72
	11/08/04	3,509.33	Sheen	20.59	0.00	3,488.74
	11/15/04	3,509.33	Sheen	20.57	0.00	3,488.76
	12/01/04	3,509.33	Sheen	20.40	0.00	3,488.93
	12/03/04	3,509.33	ND	20.40	0.00	3,488.93
	12/14/04	3,509.33	Sheen	20.33	0.00	3,489.00
	12/21/04	3,509.33	Sheen	20.70	0.00	3,488.63
	12/29/04	3,509.33	Sheen	20.25	0.00	3,489.08
MW-10	02/02/04	3,509.91	ND	22.87	0.00	3,487.04
	02/11/04	3,509.91	ND	22.28	0.00	3,487.63
	02/26/04	3,509.91	22.33	22.37	0.04	3,487.57
	03/16/04	3,509.91	22.56	22.61	0.05	3,487.34
	03/19/04	3,509.91	22.51	22.59	0.08	3,487.39
	03/25/04	3,509.91	22.52	22.58	0.06	3,487.38
	04/01/04	3,509.91	ND	22.46	0.00	3,487.45
	04/08/04	3,509.91	22.04	22.07	0.03	3,487.87
	04/14/04	3,509.91	21.85	22.00	0.15	3,488.04
	04/16/04	3,509.91	21.95	21.96	0.01	3,487.96
	04/22/04	3,509.91	ND	21.13	0.00	3,488.78
	04/29/04	3,509.91	21.11	21.12	0.01	3,488.80
	05/11/04	3,509.91	ND	21.17	0.00	3,488.74
	06/08/04	3,509.91	21.24	21.25	0.01	3,488.67
	06/17/04	3,509.91	21.20	22.22	1.02	3,488.56
	06/22/04	3,509.91	21.24	22.18	0.94	3,488.53
	06/29/04	3,509.91	21.23	22.10	0.87	3,488.55
	07/06/04	3,509.01	21.24	21.26	0.02	3,487.77
	07/13/04	3,509.91	21.28	21.29	0.01	3,488.63
	07/20/04	3,509.91	21.43	21.44	0.01	3,488.48

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TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	08/04/04	3,509.91	21.45	21.46	0.01	3,488.46
	08/10/04	3,509.91	21.46	21.47	0.01	3,488.45
	08/16/04	3,509.91	21.60	21.80	0.20	3,488.28
	08/23/04	3,509.91	21.48	21.58	0.10	3,488.42
	08/25/04	3,509.91	21.50	21.55	0.05	3,488.40
	08/26/04	3,509.91	21.51	21.64	0.13	3,488.38
	08/31/04	3,509.91	21.58	21.78	0.20	3,488.30
	09/13/04	3,509.91	21.69	21.96	0.27	3,488.18
	09/20/04	3,509.91	21.76	21.95	0.19	3,488.12
	09/30/04	3,509.91	21.83	21.91	0.08	3,488.07
	10/04/04	3,509.91	21.20	21.22	0.02	3,488.71
	10/11/04	3,509.91	Sheen	19.99	0.00	3,489.92
	10/18/04	3,509.91	Sheen	21.02	0.00	3,488.89
	10/26/04	3,509.91	Sheen	21.09	0.00	3,488.82
	11/02/04	3,509.91	Sheen	21.00	0.00	3,488.91
	11/08/04	3,509.91	Sheen	20.97	0.00	3,488.94
	11/15/04	3,509.91	21.19	21.25	0.06	3,488.71
	12/01/04	3,509.91	Sheen	20.91	0.00	3,489.00
	12/03/04	3,509.91	ND	20.91	0.00	3,489.00
	12/14/04	3,509.91	Sheen	20.74	0.00	3,489.17
	12/21/04	3,509.91	Sheen	20.70	0.00	3,489.21
	12/29/04	3,509.91	Sheen	20.64	0.00	3,489.27
MW - 11	02/11/04	3,509.27	ND	21.33	0.00	3,487.94
	05/11/04	3,509.27	ND	20.22	0.00	3,489.05
	08/25/04	3,509.27	ND	20.60	0.00	3,488.67
	11/03/04	3,509.27	ND	19.94	0.00	3,489.33
	12/03/04	3,509.27	ND	19.94	0.00	3,489.33
MW - 12	02/11/04	3,508.63	ND	20.98	0.00	3,487.65
	05/11/04	3,508.63	ND	19.83	0.00	3,488.80
	08/25/04	3,508.63	ND	20.23	0.00	3,488.40
	12/02/04	3,508.63	ND	19.54	0.00	3,489.09
MW - 13	02/11/04	3,507.96	ND	20.49	0.00	3,487.47
	05/11/04	3,507.96	ND	19.30	0.00	3,488.66

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	08/25/04	3,507.96	ND	19.71	0.00	3,488.25
	12/02/04	3,507.96	ND	19.02	0.00	3,488.94
MW-14	02/02/04	3,507.45	21.00	22.05	1.05	3,486.29
	02/26/04	3,507.45	20.59	21.67	1.08	3,486.70
	03/16/04	3,507.45	20.75	21.94	1.19	3,486.52
	03/19/04	3,507.45	20.76	21.94	1.18	3,486.51
	03/25/04	3,507.45	20.75	21.90	1.15	3,486.53
	04/01/04	3,507.45	20.69	22.04	1.35	3,486.56
	04/08/04	3,507.45	20.70	21.84	1.14	3,486.58
	04/14/04	3,507.45	19.91	21.78	1.87	3,487.26
	04/16/04	3,507.45	20.03	21.91	1.88	3,487.14
	04/22/04	3,507.45	19.17	21.12	1.95	3,487.99
	04/29/04	3,507.45	19.16	21.27	2.11	3,487.97
	05/11/04	3,507.45	19.09	21.53	2.44	3,487.99
	06/08/04	3,507.45	19.21	21.94	2.73	3,487.83
	06/17/04	3,507.45	19.16	21.89	2.73	3,487.88
	06/22/04	3,507.45	19.19	21.87	2.68	3,487.86
	06/29/04	3,507.45	19.17	21.90	2.73	3,487.87
	07/06/04	3,507.45	19.18	22.15	2.97	3,487.82
	07/13/04	3,507.45	19.22	22.17	2.95	3,487.79
	07/20/04	3,507.45	19.37	22.42	3.05	3,487.62
	08/04/04	3,507.45	19.36	22.43	3.07	3,487.63
	08/10/04	3,507.45	19.39	22.41	3.02	3,487.61
	08/16/04	3,507.45	Sheen	19.57	0.00	3,487.88
	08/23/04	3,507.45	19.50	22.00	2.50	3,487.58
	08/25/04	3,507.45	19.50	21.63	2.13	3,487.63
	08/26/04	3,507.45	19.51	21.53	2.02	3,487.64
	08/31/04	3,507.45	19.96	21.96	2.00	3,487.19
	09/13/04	3,507.45	19.76	20.61	0.85	3,487.56
	09/20/04	3,507.45	19.83	21.20	1.37	3,487.41
	09/30/04	3,507.45	19.89	21.14	1.25	3,487.37
	10/04/04	3,507.45	19.32	20.21	0.89	3,488.00
	10/11/04	3,507.45	18.98	19.79	0.81	3,488.35
	10/18/04	3,507.45	19.57	20.09	0.52	3,487.80
	10/26/04	3,507.45	19.50	20.10	0.60	3,487.86

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GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	11/02/04	3,507.45	19.00	19.99	0.99	3,488.30
	11/08/04	3,507.45	19.00	21.30	2.30	3,488.11
	11/15/04	3,507.45	18.94	21.00	2.06	3,488.20
	12/01/04	3,507.45	18.90	21.09	2.19	3,488.22
	12/02/04	3,507.45	18.90	21.10	2.20	3,488.22
	12/14/04	3,507.45	18.77	21.00	2.23	3,488.35
	12/21/04	3,507.45	18.70	21.22	2.52	3,488.37
	12/29/04	3,507.45	18.73	21.10	2.37	3,488.36
MW - 15	02/02/04	3,506.48	20.17	20.27	0.10	3,486.30
	02/26/04	3,506.48	19.69	20.02	0.33	3,486.74
	03/16/04	3,506.48	19.88	20.35	0.47	3,486.53
	03/19/04	3,506.48	19.90	20.40	0.50	3,486.51
	03/25/04	3,506.48	19.89	20.46	0.57	3,486.50
	04/01/04	3,506.48	19.81	20.45	0.64	3,486.57
	04/08/04	3,506.48	19.85	20.42	0.57	3,486.54
	04/14/04	3,506.48	18.77	19.54	0.77	3,487.59
	04/16/04	3,506.48	18.98	19.74	0.76	3,487.39
	04/22/04	3,506.48	18.20	19.25	1.05	3,488.12
	04/29/04	3,506.48	18.23	19.34	1.11	3,488.08
	05/11/04	3,506.48	18.20	20.26	2.06	3,487.97
	06/08/04	3,506.48	18.26	21.27	3.01	3,487.77
	06/17/04	3,506.48	18.25	21.24	2.99	3,487.78
	06/22/04	3,506.48	18.29	21.26	2.97	3,487.74
	06/29/04	3,506.48	18.26	21.32	3.06	3,487.76
	07/06/04	3,506.48	18.17	21.49	3.32	3,487.81
	07/13/04	3,506.48	18.20	21.54	3.34	3,487.78
	07/20/04	3,506.48	18.34	21.98	3.64	3,487.59
	08/04/04	3,506.48	18.35	21.10	2.75	3,487.72
	08/10/04	3,506.48	18.39	21.09	2.70	3,487.69
	08/16/04	3,506.48	18.57	21.48	2.91	3,487.47
	08/23/04	3,506.48	18.59	20.72	2.13	3,487.57
	08/25/04	3,506.48	18.65	19.79	1.14	3,487.66
	08/26/04	3,506.48	18.65	19.85	1.20	3,487.65
	08/31/04	3,506.48	18.69	20.11	1.42	3,487.58
	09/13/04	3,506.48	18.81	19.98	1.17	3,487.49

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GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
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Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	09/20/04	3,506.48	18.89	19.79	0.90	3,487.46
	09/30/04	3,506.48	18.99	19.81	0.82	3,487.37
	10/04/04	3,506.48	18.12	19.44	1.32	3,488.16
	10/11/04	3,506.48	17.81	20.65	2.84	3,488.24
	10/18/04	3,506.48	17.83	20.17	2.34	3,488.30
	10/26/04	3,506.48	18.03	20.05	2.02	3,488.15
	11/02/04	3,506.48	18.50	19.10	0.60	3,487.89
	11/08/04	3,506.48	18.19	19.20	1.01	3,488.14
	11/15/04	3,506.48	18.19	19.78	1.59	3,488.05
	12/01/04	3,506.48	18.75	20.92	2.17	3,487.40
	12/02/04	3,506.48	18.75	20.91	2.16	3,487.41
	12/14/04	3,506.48	17.73	20.00	2.27	3,488.41
	12/21/04	3,506.48	17.79	19.70	1.91	3,488.40
	12/29/04	3,506.48	17.78	19.90	2.12	3,488.38
MW - 16	02/11/04	3,509.38	ND	21.82	0.00	3,487.56
	05/11/04	3,509.38	ND	20.63	0.00	3,488.75
	08/25/04	3,509.38	ND	21.10	0.00	3,488.28
	12/02/04	3,509.38	ND	20.37	0.00	3,489.01
MW - 17	05/11/04	3,507.56	ND	19.63	0.00	3,487.93
	08/25/04	3,507.56	ND	19.96	0.00	3,487.60
	12/02/04	3,507.56	ND	19.23	0.00	3,488.33
MW - 18	02/11/04	3,509.12	ND	22.21	0.00	3,486.91
	05/11/04	3,509.12	ND	20.97	0.00	3,488.15
	08/10/04	3,509.12	19.50	19.58	0.08	3,489.61
	08/25/04	3,509.12	ND	21.38	0.00	3,487.74
	12/02/04	3,509.12	ND	20.68	0.00	3,488.44
MW - 19	02/02/04	3,507.28	21.17	21.31	0.14	3,486.09
	02/26/04	3,507.28	20.75	21.00	0.25	3,486.49
	03/16/04	3,507.28	20.95	21.30	0.35	3,486.28
	03/19/04	3,507.28	20.91	21.31	0.40	3,486.31
	03/25/04	3,507.28	20.90	21.31	0.41	3,486.32
	04/01/04	3,507.28	20.84	21.32	0.48	3,486.37

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	04/08/04	3,507.28	20.80	21.27	0.47	3,486.41
	04/14/04	3,507.28	20.11	21.03	0.92	3,487.03
	04/16/04	3,507.28	20.24	21.11	0.87	3,486.91
	04/22/04	3,507.28	19.38	20.32	0.94	3,487.76
	04/29/04	3,507.28	19.34	20.44	1.10	3,487.78
	05/11/04	3,507.28	19.30	20.52	1.22	3,487.80
	06/08/04	3,507.28	19.38	20.94	1.56	3,487.67
	06/17/04	3,507.28	19.35	20.91	1.56	3,487.70
	06/22/04	3,507.28	19.38	20.94	1.56	3,487.67
	06/29/04	3,507.28	18.33	20.99	2.66	3,488.55
	07/06/04	3,507.28	19.38	21.19	1.81	3,487.63
	07/20/04	3,507.28	19.50	19.51	0.01	3,487.78
	08/04/04	3,507.28	19.51	19.52	0.01	3,487.77
	08/16/04	3,507.28	19.67	19.70	0.03	3,487.61
	08/23/04	3,507.28	19.64	21.36	1.72	3,487.38
	08/25/04	3,507.28	19.68	21.10	1.42	3,487.39
	08/26/04	3,507.28	19.65	21.05	1.40	3,487.42
	08/31/04	3,507.28	19.72	21.20	1.48	3,487.34
	09/13/04	3,507.28	19.81	20.99	1.18	3,487.29
	09/20/04	3,507.28	19.89	20.95	1.06	3,487.23
	09/30/04	3,507.28	19.94	20.89	0.95	3,487.20
	10/04/04	3,507.28	19.39	20.95	1.56	3,487.66
	10/11/04	3,507.28	19.01	21.17	2.16	3,487.95
	10/18/04	3,507.28	18.73	19.99	1.26	3,488.36
	10/26/04	3,507.28	18.91	20.14	1.23	3,488.19
	11/02/04	3,507.28	18.95	19.70	0.75	3,488.22
	11/08/04	3,507.28	18.80	19.97	1.17	3,488.30
	11/15/04	3,507.28	Sheen	19.40	0.00	3,487.88
	12/01/04	3,507.28	Sheen	19.20	0.00	3,488.08
	12/02/04	3,507.28	19.16	19.18	0.02	3,488.12
	12/14/04	3,507.28	Sheen	19.18	0.00	3,488.10
	12/21/04	3,507.28	18.98	19.34	0.36	3,488.25
	12/29/04	3,507.28	19.01	19.24	0.23	3,488.24
MW - 20	02/11/04	3,508.43	ND	22.11	0.00	3,486.32
	05/11/04	3,508.43	ND	20.98	0.00	3,487.45

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GROUNDWATER ELEVATION DATA
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TNM 97- 17
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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	08/25/04	3,508.43	ND	21.25	0.00	3,487.18
	12/03/04	3,508.43	ND	20.61	0.00	3,487.82
MW - 21	02/11/04	3,506.98	ND	21.11	0.00	3,485.87
	05/11/04	3,506.98	ND	19.96	0.00	3,487.02
	08/25/04	3,506.98	ND	20.23	0.00	3,486.75
	12/02/04	3,506.98	ND	19.60	0.00	3,487.38
MW - 22	02/11/04	3,505.61	ND	20.15	0.00	3,485.46
	02/12/04	3,505.61	ND	19.23	0.00	3,486.38
	05/11/04	3,505.61	ND	18.96	0.00	3,486.65
	08/25/04	3,505.61	ND	19.28	0.00	3,486.33
	12/03/04	3,505.61	ND	18.62	0.00	3,486.99
MW - 23	02/11/04	3,509.79	ND	23.86	0.00	3,485.93
	05/11/04	3,509.79	ND	22.62	0.00	3,487.17
	08/25/04	3,509.79	ND	22.91	0.00	3,486.88
	12/03/04	3,509.79	ND	22.36	0.00	3,487.43
MW - 24	02/11/04	3,509.68	ND	24.10	0.00	3,485.58
	05/11/04	3,509.68	ND	22.90	0.00	3,486.78
	08/25/04	3,509.68	ND	23.15	0.00	3,486.53
	12/03/04	3,509.68	ND	22.62	0.00	3,487.06
MW - 25	05/11/04	3,509.65	ND	22.17	0.00	3,487.48
	08/25/04	3,509.65	ND	22.54	0.00	3,487.11
	12/03/04	3,509.65	ND	21.94	0.00	3,487.71
MW - 26	02/11/04	3,507.49	ND	21.04	0.00	3,486.45
	05/11/04	3,507.49	ND	19.80	0.00	3,487.69
	08/25/04	3,507.49	ND	20.18	0.00	3,487.31
	12/03/04	3,507.49	ND	19.51	0.00	3,487.98
MW - 27	02/11/04	3,507.66	ND	21.53	0.00	3,486.13
	05/11/04	3,507.66	ND	20.34	0.00	3,487.32
	08/25/04	3,507.66	ND	20.59	0.00	3,487.07

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	12/03/04	3,507.66	ND	20.05	0.00	3,487.61
MW - 28	02/11/04	3,508.37	ND	21.92	0.00	3,486.45
	05/11/04	3,508.37	ND	19.75	0.00	3,488.62
	08/25/04	3,508.37	ND	21.07	0.00	3,487.30
	12/03/04	3,508.37	ND	20.41	0.00	3,487.96
RW-1	02/02/04	3,507.27	21.20	21.26	0.06	3,486.06
	02/26/04	3,507.27	20.68	20.80	0.12	3,486.57
	03/16/04	3,507.27	20.89	21.31	0.42	3,486.32
	03/19/04	3,507.27	20.81	21.14	0.33	3,486.41
	03/25/04	3,507.27	20.85	21.35	0.50	3,486.35
	04/01/04	3,507.27	20.77	21.36	0.59	3,486.41
	04/08/04	3,507.27	20.73	21.20	0.47	3,486.47
	04/14/04	3,507.27	19.88	20.39	0.51	3,487.31
	04/16/04	3,507.27	20.04	20.48	0.44	3,487.16
	04/22/04	3,507.27	19.29	19.71	0.42	3,487.92
	04/29/04	3,507.27	19.32	19.84	0.52	3,487.87
	05/11/04	3,507.27	19.84	19.87	0.03	3,487.43
	08/04/04	3,507.27	No down hole access dut to float in well			
	08/10/04	3,507.27	No down hole access dut to float in well			
	08/16/04	3,507.27	No down hole access dut to float in well			
	08/23/04	3,507.27	No down hole access dut to float in well			
	08/25/04	3,507.27	No down hole access dut to float in well			
	12/03/04	3,507.27	No down hole access dut to float in well			
RW - 2	02/02/04	3,507.45	ND	20.92	0.00	3,486.53
	02/26/04	3,507.45	ND	20.49	0.00	3,486.96
	03/16/04	3,507.45	ND	20.74	0.00	3,486.71
	03/19/04	3,507.45	ND	20.71	0.00	3,486.74
	03/25/04	3,507.45	ND	20.69	0.00	3,486.76
	04/01/04	3,507.45	ND	20.56	0.00	3,486.89
	04/08/04	3,507.45	ND	20.57	0.00	3,486.88
	04/14/04	3,507.45	ND	19.60	0.00	3,487.85
	04/16/04	3,507.45	ND	19.80	0.00	3,487.65
	04/22/04	3,507.45	ND	19.06	0.00	3,488.39

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	04/29/04	3,507.45	ND	19.11	0.00	3,488.34
	05/11/04	3,507.45	ND	19.46	0.00	3,487.99
	06/08/04	3,507.45	19.42	19.43	0.01	3,488.03
	06/17/04	3,507.45	ND	19.38	0.00	3,488.07
	06/22/04	3,507.45	ND	19.44	0.00	3,488.01
	06/29/04	3,507.45	19.41	19.41	0.00	3,488.04
	07/06/04	3,507.45	19.21	19.41	0.20	3,488.21
	07/13/04	3,507.45	19.26	19.43	0.17	3,488.16
	07/20/04	3,507.45	19.46	19.89	0.43	3,487.93
	08/04/04	3,507.45	19.48	19.88	0.40	3,487.91
	08/10/04	3,507.45	19.46	19.87	0.41	3,487.93
	08/16/04	3,507.45	19.77	20.03	0.26	3,487.64
	08/23/04	3,507.45	Sheen	19.54	0.00	3,487.91
	08/25/04	3,507.45	19.45	19.87	0.42	3,487.94
	08/26/04	3,507.45	19.55	19.97	0.42	3,487.84
	08/31/04	3,507.45	Sheen	19.58	0.00	3,487.87
	09/13/04	3,507.45	Sheen	20.03	0.00	3,487.42
	09/20/04	3,507.45	Sheen	20.02	0.00	3,487.43
	09/30/04	3,507.45	Sheen	20.00	0.00	3,487.45
	10/04/04	3,507.45	Sheen	19.47	0.00	3,487.98
	10/11/04	3,507.45	18.95	18.97	0.02	3,488.50
	10/18/04	3,507.45	Sheen	19.10	0.00	3,488.35
	10/26/04	3,507.45	Sheen	19.22	0.00	3,488.23
	11/02/04	3,507.45	19.03	19.10	0.07	3,488.41
	11/08/04	3,507.45	Sheen	19.16	0.00	3,488.29
	11/15/04	3,507.45	18.95	19.15	0.20	3,488.47
	12/01/04	3,507.45	18.87	19.26	0.39	3,488.52
	12/03/04	3,507.45	18.87	19.26	0.39	3,488.52
	12/14/04	3,507.45	Sheen	18.80	0.00	3,488.65
	12/21/04	3,507.45	Sheen	18.78	0.00	3,488.67
	12/29/04	3,507.45	Sheen	18.81	0.00	3,488.64
RW - 3	02/02/04	3,507.89	ND	21.17	0.00	3,486.72
	02/11/04	3,507.89	ND	20.68	0.00	3,487.21
	02/26/04	3,507.89	ND	20.79	0.00	3,487.10
	03/16/04	3,507.89	ND	21.00	0.00	3,486.89

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	03/19/04	3,507.89	ND	20.94	0.00	3,486.95
	03/25/04	3,507.89	ND	20.95	0.00	3,486.94
	04/01/04	3,507.89	ND	20.91	0.00	3,486.98
	04/08/04	3,507.89	ND	20.72	0.00	3,487.17
	04/14/04	3,507.89	ND	20.13	0.00	3,487.76
	04/16/04	3,507.89	ND	20.24	0.00	3,487.65
	04/22/04	3,507.89	ND	19.44	0.00	3,488.45
	04/29/04	3,507.89	ND	19.45	0.00	3,488.44
	05/11/04	3,507.89	ND	19.48	0.00	3,488.41
	06/08/04	3,507.89	ND	19.64	0.00	3,488.25
	06/17/04	3,507.89	ND	19.59	0.00	3,488.30
	06/22/04	3,507.89	ND	19.62	0.00	3,488.27
	06/29/04	3,507.89	ND	19.58	0.00	3,488.31
	07/06/04	3,507.89	ND	19.56	0.00	3,488.33
	07/13/04	3,507.89	ND	19.59	0.00	3,488.30
	07/20/04	3,507.89	ND	19.78	0.00	3,488.11
	08/04/04	3,507.89	ND	19.81	0.00	3,488.08
	08/10/04	3,507.89	ND	19.80	0.00	3,488.09
	08/16/04	3,507.89	Sheen	19.92	0.00	3,487.97
	08/23/04	3,507.89	Sheen	19.58	0.00	3,488.31
	08/25/04	3,507.89	ND	19.85	0.00	3,488.04
	08/26/04	3,507.89	Sheen	19.83	0.00	3,488.06
	08/31/04	3,507.89	Sheen	19.90	0.00	3,487.99
	09/13/04	3,507.89	Sheen	20.00	0.00	3,487.89
	09/20/04	3,507.89	Sheen	20.03	0.00	3,487.86
	09/30/04	3,507.89	Sheen	20.01	0.00	3,487.88
	10/04/04	3,507.89	Sheen	19.48	0.00	3,488.41
	10/11/04	3,507.89	Sheen	19.25	0.00	3,488.64
	10/18/04	3,507.89	Sheen	19.25	0.00	3,488.64
	10/26/04	3,507.89	Sheen	19.30	0.00	3,488.59
	11/02/04	3,507.89	Sheen	19.33	0.00	3,488.56
	11/08/04	3,507.89	Sheen	19.30	0.00	3,488.59
	11/15/04	3,507.89	Sheen	19.19	0.00	3,488.70
	12/01/04	3,507.89	Sheen	19.23	0.00	3,488.66
	12/03/04	3,507.89	Sheen	19.23	0.00	3,488.66
	12/14/04	3,507.89	Sheen	19.12	0.00	3,488.77

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	12/21/04	3,507.89	Sheen	19.09	0.00	3,488.80
	12/29/04	3,507.89	Sheen	19.00	0.00	3,488.89
RW - 4	02/02/04	3,507.22	ND	20.47	0.00	3,486.75
	02/11/04	3,507.22	19.92	19.94	0.02	3,487.30
	02/26/04	3,507.22	ND	20.04	0.00	3,487.18
	03/16/04	3,507.22	ND	20.21	0.00	3,487.01
	03/19/04	3,507.22	ND	20.19	0.00	3,487.03
	03/25/04	3,507.22	ND	20.19	0.00	3,487.03
	04/01/04	3,507.22	ND	20.09	0.00	3,487.13
	04/08/04	3,507.22	ND	20.14	0.00	3,487.08
	04/14/04	3,507.22	ND	19.39	0.00	3,487.83
	04/16/04	3,507.22	ND	19.54	0.00	3,487.68
	04/22/04	3,507.22	ND	18.71	0.00	3,488.51
	04/29/04	3,507.22	ND	18.74	0.00	3,488.48
	05/11/04	3,507.22	ND	18.74	0.00	3,488.48
	06/08/04	3,507.22	ND	18.83	0.00	3,488.39
	06/17/04	3,507.22	ND	18.80	0.00	3,488.42
	06/22/04	3,507.22	ND	18.83	0.00	3,488.39
	06/29/04	3,507.22	ND	18.81	0.00	3,488.41
	07/06/04	3,507.22	ND	18.82	0.00	3,488.40
	07/13/04	3,507.22	ND	18.87	0.00	3,488.35
	07/20/04	3,507.22	ND	18.97	0.00	3,488.25
	08/04/04	3,507.22	ND	18.99	0.00	3,488.23
	08/10/04	3,507.22	ND	18.97	0.00	3,488.25
	08/16/04	3,507.22	19.2	19.23	0.03	3,488.02
	08/23/04	3,507.22	19.14	19.17	0.03	3,488.08
	08/25/04	3,507.22	19.1	19.15	0.05	3,488.11
	08/26/04	3,507.22	Sheen	19.10	0.00	3,488.12
	08/31/04	3,507.22	Sheen	19.22	0.00	3,488.00
	09/13/04	3,507.22	19.26	19.30	0.04	3,487.95
	09/20/04	3,507.22	Sheen	19.34	0.00	3,487.88
	09/30/04	3,507.22	Sheen	19.29	0.00	3,487.93
	10/04/04	3,507.22	Sheen	18.90	0.00	3,488.32
	10/11/04	3,507.22	Sheen	18.70	0.00	3,488.52
	10/18/04	3,507.22	Sheen	18.66	0.00	3,488.56

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	10/26/04	3,507.22	Sheen	18.70	0.00	3,488.52
	11/02/04	3,507.22	Sheen	18.77	0.00	3,488.45
	11/08/04	3,507.22	Sheen	18.65	0.00	3,488.57
	11/15/04	3,507.22	Sheen	18.56	0.00	3,488.66
	12/01/04	3,507.22	Sheen	18.50	0.00	3,488.72
	12/03/04	3,507.22	Sheen	18.50	0.00	3,488.72
	12/14/04	3,507.22	Sheen	18.38	0.00	3,488.84
	12/21/04	3,507.22	Sheen	18.63	0.00	3,488.59
	12/29/04	3,507.22	Sheen	18.25	0.00	3,488.97
RW - 5	02/02/04	3,506.91	20.29	21.72	1.43	3,486.41
	02/26/04	3,506.91	19.91	21.07	1.16	3,486.83
	03/16/04	3,506.91	20.08	21.36	1.28	3,486.64
	03/19/04	3,506.91	20.12	21.33	1.21	3,486.61
	03/25/04	3,506.91	20.08	21.34	1.26	3,486.64
	04/01/04	3,506.91	19.99	21.22	1.23	3,486.74
	04/08/04	3,506.91	19.97	21.25	1.28	3,486.75
	04/14/04	3,506.91	19.19	20.72	1.53	3,487.49
	04/16/04	3,506.91	19.35	20.90	1.55	3,487.33
	04/22/04	3,506.91	18.53	20.23	1.70	3,488.13
	04/29/04	3,506.91	18.49	20.24	1.75	3,488.16
	05/11/04	3,506.91	18.50	20.40	1.90	3,488.13
	06/08/04	3,506.91	18.59	20.65	2.06	3,488.01
	06/17/04	3,506.91	18.53	20.66	2.13	3,488.06
	06/22/04	3,506.91	18.57	20.69	2.12	3,488.02
	06/29/04	3,506.91	18.55	20.74	2.19	3,488.03
	07/06/04	3,506.91	18.53	20.88	2.35	3,488.03
	07/13/04	3,506.91	18.57	20.81	2.24	3,488.00
	07/20/04	3,506.91	19.05	19.20	0.15	3,487.84
	08/04/04	3,506.91	19.06	19.21	0.15	3,487.83
	08/10/04	3,507.45	19.03	19.22	0.19	3,488.39
	08/16/04	3,507.45	Sheen	19.20	0.00	3,488.25
	08/25/04	3,507.45	19.05	19.06	0.01	3,488.40
	08/26/04	3,507.45	19.03	19.09	0.06	3,488.41
	08/31/04	3,507.45	19.08	19.42	0.34	3,488.32
	09/13/04	3,507.45	19.29	19.50	0.21	3,488.13

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	09/20/04	3,507.45	19.42	19.57	0.15	3,488.01
	09/30/04	3,507.45	19.56	19.65	0.09	3,487.88
	10/04/04	3,507.45	18.75	19.05	0.30	3,488.66
	10/11/04	3,507.45	18.73	19.05	0.32	3,488.67
	10/18/04	3,507.45	18.55	18.97	0.42	3,488.84
	10/26/04	3,507.45	18.55	18.87	0.32	3,488.85
	11/02/04	3,507.45	18.45	18.83	0.38	3,488.94
	11/08/04	3,507.45	18.67	19.00	0.33	3,488.73
	11/15/04	3,507.45	18.34	19.34	1.00	3,488.96
	12/01/04	3,506.91	18.18	18.51	0.33	3,488.68
	12/03/04	3,506.91	18.18	18.48	0.30	3,488.69
	12/14/04	3,506.91	18.23	19.23	1.00	3,488.53
	12/21/04	3,506.91	18.26	18.82	0.56	3,488.57
	12/29/04	3,506.91	18.26	18.75	0.49	3,488.58
RW - 6	02/02/04	3,507.45	21.09	21.54	0.45	3,486.29
	02/26/04	3,507.45	20.55	22.62	2.07	3,486.59
	03/16/04	3,507.45	20.96	22.91	1.95	3,486.20
	03/19/04	3,507.45	20.80	22.90	2.10	3,486.34
	03/25/04	3,507.45	20.82	22.90	2.08	3,486.32
	04/01/04	3,507.45	20.70	22.85	2.15	3,486.43
	04/08/04	3,507.45	20.72	22.88	2.16	3,486.41
	04/14/04	3,507.45	19.90	22.60	2.70	3,487.15
	04/16/04	3,507.45	20.05	23.71	3.66	3,486.85
	04/22/04	3,507.45	19.20	22.01	2.81	3,487.83
	04/29/04	3,507.45	19.18	22.00	2.82	3,487.85
	05/11/04	3,507.45	19.15	22.16	3.01	3,487.85
	06/08/04	3,507.45	19.29	22.39	3.10	3,487.70
	06/17/04	3,507.45	19.27	22.43	3.16	3,487.71
	06/22/04	3,507.45	19.31	22.47	3.16	3,487.67
	06/29/04	3,507.45	19.30	22.53	3.23	3,487.67
	07/06/04	3,507.45	19.24	22.39	3.15	3,487.74
	07/13/04	3,507.45	19.29	22.43	3.14	3,487.69
	07/20/04	3,507.45	19.44	22.63	3.19	3,487.53
	08/04/04	3,507.45	19.45	22.61	3.16	3,487.53
	08/10/04	3,507.45	19.46	22.59	3.13	3,487.52

TABLE 1
GROUNDWATER ELEVATION DATA
For 2004

TNM 97- 17
LEA COUNTY, NEW MEXICO
Plains Marketing, L.P.

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
	08/16/04	3,507.45	19.62	22.65	3.03	3,487.38
	08/23/04	3,507.45	19.68	19.70	0.02	3,487.77
	08/26/04	3,507.45	19.87	19.90	0.03	3,487.58
	08/31/04	3,507.45	19.89	19.92	0.03	3,487.56
	09/13/04	3,507.45	19.90	20.66	0.76	3,487.44
	09/20/04	3,507.45	19.95	20.61	0.66	3,487.40
	09/30/04	3,507.45	20.00	20.43	0.43	3,487.39
	10/04/04	3,507.45	19.38	20.19	0.81	3,487.95
	10/11/04	3,507.45	19.12	19.88	0.76	3,488.22
	10/18/04	3,507.45	19.10	20.04	0.94	3,488.21
	10/26/04	3,507.45	19.26	19.83	0.57	3,488.10
	11/02/04	3,507.45	19.05	20.03	0.98	3,488.25
	11/08/04	3,507.45	19.05	19.98	0.93	3,488.26
	11/15/04	3,507.45	19.07	21.26	2.19	3,488.05
	12/01/04	3,507.45	18.83	21.93	3.10	3,488.16
	12/03/04	3,507.45	18.83	21.93	3.10	3,488.16
	12/14/04	3,507.45	18.74	21.89	3.15	3,488.24
	12/21/04	3,507.45	18.75	21.35	2.60	3,488.31
	12/29/04	3,507.45	18.82	21.00	2.18	3,488.30

Elevations based on the North American Vertical Datum of 1929.

TABLE 2
CONCENTRATIONS OF BTEX IN GROUNDWATER
FOR 2004

PLAINS MARKETING, L.P.
TNM 97-17
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
Regulatory limit		0.01 mg/L	0.75 mg/L	0.75mg/L	0.62 mg/L	
MW - 1	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/02/04	<0.005	<0.005	<0.005	<0.005	
MW - 2	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 5	02/11/04	0.031	<0.001	0.052	0.029	<0.001
	05/11/04	0.0011	<0.001	<0.001	<0.002	<0.001
	08/24/04	0.0433	<0.001	0.0987	0.0689	0.0016
	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW-6	12/03/04	0.0334	<0.0100	0.031	0.0243	
MW - 9	02/11/04	0.010	<0.001	0.024	<0.002	<0.001
	05/11/04	0.020	<0.001	0.031	<0.002	<0.001
	08/25/04	0.140	<0.001	0.047	<0.002	<0.001
	12/03/04	0.039	<0.0200	<0.0200	<0.0200	
MW - 10	02/11/04	0.019	<0.001	0.069	0.002	<0.001
	05/11/04	0.0369	<0.001	0.043	<0.002	<0.001
	12/03/04	0.0196	<0.0100	<0.0100	<0.0100	
MW - 11	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 13	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 16	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 17	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 18	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/02/04	<0.001	<0.001	<0.001	<0.001	
MW - 20	02/11/04	0.459	<0.001	0.159	0.004	<0.001
	05/11/04	0.302	<0.001	0.127	<0.002	<0.001
	08/25/04	1.96	<0.001	0.144	0.00419	0.00105
	12/03/04	0.257	<0.005	0.076	<0.005	
MW - 21	02/11/04	0.072	<0.001	0.041	<0.002	<0.001
	05/11/04	0.0845	<0.001	0.0449	<0.002	<0.001
	08/25/04	0.108	<0.001	0.0214	<0.002	<0.001
	12/02/04	0.0533	<0.005	<0.005	0.007	

TABLE 2
CONCENTRATIONS OF BTEX IN GROUNDWATER
FOR 2004

PLAINS MARKETING, L.P.
TNM 97-17
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
Regulatory limit		0.01 mg/L	0.75 mg/L	0.75mg/L	0.62 mg/L	
MW - 22	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 23	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 24	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 25	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/03/04	<0.001	<0.001	<0.001	<0.001	
MW - 26	02/11/04	0.097	<0.001	0.023	<0.002	<0.001
	05/11/04	0.049	<0.001	0.0124	<0.002	<0.001
	08/25/04	0.012	<0.001	0.00241	<0.002	<0.001
	12/03/04	0.032	<0.001	0.0137	0.0071	
MW - 27	02/11/04	0.00189	<0.001	0.007	<0.002	<0.001
	12/03/04	<0.001	<0.001	0.002	0.003	
MW - 28	02/11/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/03/04	<0.001	<0.001	<0.001	<0.001	
RW - 3	02/11/04	0.165	<0.001	0.109	0.012	0.001
	08/25/04	0.22	0.00228	0.0548	0.036	0.00693
	12/03/04	0.367	<0.100	<0.100	<0.100	
RW-5	08/25/04	0.0196	<0.001	0.0126	0.00488	0.00488
	12/03/04	0.352	<0.100	<0.100	<0.100	

TABLE 3

CONCENTRATIONS OF SEMI-VOLATILES IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NEW MEXICO

Results are reported in mg/L.

EPA SW846-8270C, 3510

SAMPLE LOCATION	SAMPLE DATE	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[e]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene
WQCC Standard						0.0007								0.03		
MW-1	12/02/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-2	12/02/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-3	12/02/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-5	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-6	12/03/04	<0.0002	<0.0002	0.00132	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0135	0.0029	<0.0002
MW-9	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-10	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0032	0.002	<0.0002
MW-12	12/02/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-13	12/02/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-16	12/02/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-17	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-18	12/02/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

TABLE 3

CONCENTRATIONS OF SEMI-VOLATILES IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NEW MEXICO

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510												
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[e]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Indeno[1,2,3-cd]pyrene	Naphthalene
WOCC Standard						0.0007								0.03
MW-20	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00154	<0.0002	0.00262
MW-21	12/02/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-22	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-23	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-24	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-25	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-26	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-27	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
MW-28	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
RW-3	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0066
RW-4	12/03/04	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00194	<0.0002	0.00269

Table 4

CONCENTRATIONS OF METALS IN GROUNDWATER

FOR 2004

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NM

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silica	Silver	Sodium	Zinc
WQCC Standard		5.00	0.10	1.00	0.75	0.01		0.05	0.05	1.00	1.00	0.05		0.20	0.002	1.00	0.20		0.05		0.05		10.00
MW-1	12/02/04	2.58	0.291	<0.100	6.050	<0.00500	353	<0.0100	<0.0200	<0.0125	1.660	<0.0100	304	0.0380	<0.0002	0.0840	<0.0250	107.0	0.170	137.00	<0.0125	2670	
MW-2	12/02/04	<0.100	<0.0100	<0.100	5.66	<0.005	405	<0.0100	<0.0200	<0.0125	6.01	<0.0100	323	<0.0250	<0.0002	<0.0500	<0.0250	109	<0.0500	147.00	<0.0125	2450	<0.0250
MW-3	12/02/04	15	0.178	<0.100	3.40	<0.005	242	<0.0100	<0.0200	<0.0125	<0.0500	<0.0100	265.0	0.0860	<0.0002	<0.0500	<0.0250	89.3	<0.0500	166.00	<0.0125	1980	<0.0250
MW-5	12/03/04	13.8	0.204	0.383	<0.005	<0.005	280.0	0.0170	<0.0200	0.0670	20.5	<0.0100	105.0	0.329	<0.0002	<0.0500	<0.0250	11.1	<0.0500	166.00	<0.0125	11.1	0.047
MW-6	12/03/04	0.806	0.299	0.103	0.58	<0.005	212.0	<0.0100	<0.0200	<0.0125	1.4	<0.0100	172.0	0.176	<0.0002	<0.0500	<0.0250	29.8	<0.0500	126.00	<0.0125	267.0	<0.0250
MW-9	12/03/04	12.4	0.302	0.15	2.0	<0.005	324	<0.0100	<0.0200	0.0190	58.1	<0.0100	247	0.219	0.00036	<0.0500	<0.0250	60.5	<0.0500	124.00	<0.0125	836	0.075
MW-10	12/03/04	3.19	0.245	0.10	<0.005	<0.005	192	<0.0100	<0.0200	<0.0125	7.0	<0.0100	128	0.229	<0.0002	<0.0500	<0.0250	18.2	<0.0500	162.00	<0.0125	31	<0.0250
MW-12	12/02/04	17.5	0.123	0.140	3.26	<0.005	386	<0.0100	<0.0200	<0.0125	15.50	<0.0100	323	0.1640	0.00021	0.0540	<0.0250	89	<0.0500	156.00	<0.0125	2210	0.0290
MW-13	12/02/04	37.8	0.116	0.31	2.77	<0.005	607	<0.0100	<0.0200	<0.0125	33.1	<0.0100	342.0	<0.0250	<0.0002	<0.0500	<0.0250	94.6	<0.0500	110.00	<0.0125	2140	<0.0250
MW-16	12/02/04	15.7	0.373	0.33	4.38	<0.005	596	<0.0100	<0.0200	<0.0125	13.40	<0.0100	388	0.1470	<0.0002	0.109	<0.0250	122.0	0.157	155.00	<0.0125	2490	0.0260
MW-17	12/02/04	<10.0	0.367	<0.100	3.08	<0.005	258.0	<0.0100	<0.0200	<0.0125	6.10	<0.0100	191.0	0.09	<0.0002	0.074	<0.0250	81.0	0.231	160.00	<0.0125	1360	<0.0250
MW-18	12/02/04	<10.0	<0.0100	<0.100	3.11	<0.005	250	<0.0100	<0.0200	<0.0125	8.12	<0.0100	259	0.0960	<0.0002	<0.0500	<0.0250	95.1	<0.0500	147.00	<0.0125	1920	<0.0250
MW-20	12/03/04	22	<0.0100	0.917	0.96	<0.005	252.0	<0.0100	<0.0200	0.0270	59.1	<0.0100	272.0	0.333	<0.0002	<0.0500	<0.0250	41	<0.0500	136.00	<0.0125	609	<0.0250
MW-21	12/02/04	<10.0	0.485	0.175	1.7	<0.005	240	<0.0100	<0.0200	<0.0125	8.84	<0.0100	226	0.23	<0.0002	<0.0500	<0.0250	56.2	0.05	133.00	<0.0125	1330	<0.0250
MW-22	12/03/04	8.05	0.497	<0.100	3.9	<0.005	352	<0.0100	<0.0200	<0.0125	6.69	<0.0100	342	0.113	<0.0002	0.068	<0.0250	96.4	<0.0500	161.00	<0.0125	1950	<0.0250
MW-23	12/03/04	6.56	<0.0100	<0.100	3.58	<0.005	281	<0.0100	<0.0200	<0.0125	<5.00	<0.0100	327	0.121	0.00046	0.072	<0.0250	120	<0.0500	126.00	<0.0125	2730	<0.0250
MW-24	12/03/04	37.5	0.221	0.303	4.85	<0.005	630	0.026	<0.0200	0.019	31.6	0.034	380	0.35	<0.0002	0.057	<0.0250	125	<0.0500	145.00	<0.0125	2670	0.082
MW-25	12/03/04	7.55	0.193	<0.100	4.28	<0.005	317	<0.0100	<0.0200	<0.0125	4.9	<0.0100	278	0.052	<0.0002	0.073	<0.0250	99.6	<0.0500	153.00	<0.0125	2560	<0.0250
MW-26	12/03/04	6.26	0.265	0.109	3.14	<0.005	360	<0.0100	<0.0200	<0.0125	6.11	<0.0100	307	0.212	<0.0002	<0.0500	<0.0250	82.4	<0.0500	159.00	<0.0125	2040	<0.0250
MW-27	12/03/04	5.64	0.795	0.121	3.66	<0.005	428	<0.0100	<0.0200	<0.0125	5.19	<0.0100	377	0.089	<0.0002	<0.0500	<0.0250	95.1	0.11	119.00	<0.0125	2240	<0.0250

Table 4

CONCENTRATIONS OF METALS IN GROUNDWATER

FOR 2004

PLAINS MARKETING, L.P.

TNM 97-17

LEA COUNTY, NM

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	Aluminum	Arsenic	Barium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silica	Silver	Sodium	Zinc
WQCC Standard		5.00	0.10	1.00	0.75	0.01		0.05	0.05	1.00	1.00	0.05		0.20	0.002	1.00	0.20		0.05		0.05		10.00
MW-28	12/03/04	<10.0	0.407	0.212	3.3	<0.005	615	<0.0100	<0.0200	<0.0125	8.23	<0.0100	403	0.156	<0.0002	0.127	<0.0250	155	0.116	78.20	<0.0125	2520	<0.0250
RW-3	12/03/04	4.08	0.112	0.81	0.121	<0.005	130	<0.0100	<0.0200	<0.0125	13.7	<0.0100	261	0.16	<0.0002	<0.0500	<0.0250	43.5	<0.0500	104.00	<0.0125	459	<0.0250
RW-4	12/03/04	0.416	0.263	0.294	<0.005	<0.005	211	<0.0100	<0.0200	<0.0125	5.07	<0.0100	201	0.072	<0.0002	0.069	<0.0250	23.3	<0.0500	82.10	<0.0125	25.7	<0.0250

Appendices

Appendix A
Notification of Release and Corrective
Action

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
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 Vacuum Jet to Gal Main Line	Facility Type pipe line	
Surface Owner Millard Bush	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	21	20S	37E					Lea

NATURE OF RELEASE

Type of Release sour crude	Volume of Release 170 barrels	Volume Recovered 160 barrels
Source of Release 8" pipeline on scraper trap system	Date and Hour of Occurrence Unknown	Date and Hour of Discovery CST 8-13-97 3:00 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Debra T. Jordan	
By Whom? Johnny W. Chapman	Date and Hour 8-13-97 4:45 pm CST	
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.*

External Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*

Approximately 360 sq. ft. scraper trap area.
Contaminated soil was removed

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

Clear 90°

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

Signature: *E. H. Gripp*
Printed Name: Edwin H. Gripp

Title: District Manager

Date: 8-14-97

Phone: 915-947-9001

OIL CONSERVATION DIVISION

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-97-17 JWC IAS