

AP - 017

# ANNUAL MONITORING REPORT

YEAR(S):

2005



# **PLAINS Marketing, L.P.**

March 24, 2006

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

Re: Plains – Annual Monitoring Reports  
16 Sites in Lea County, New Mexico

Dear Mr. Martin:

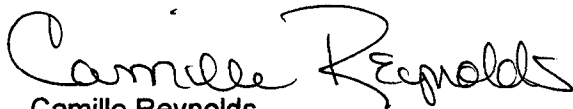
Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico 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:

|                            |                                                                  |
|----------------------------|------------------------------------------------------------------|
| 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         |
| TNM 98-05B                 | Section 26, Township 21 South, Range 37 East, Lea County         |
| TNM 97-04                  | Section 11, Township 16 South, Range 35 East, Lea County         |
| Texaco Skelly "F"          | Section 21, Township 20 South, Range 37 East, Lea County         |
| Darr Angell #2             | Sections 11 and 14, Township 15 South, Range 37 East, Lea County |
| LF-59                      | Section 32, Township 19 South, Range 37 East, Lea County         |
| SPS-11                     | Section 18, Township 18 South, Range 36 East, Lea County         |
| Monument #2                | Sections 6 and 7, Township 20 South, Range 37 East, Lea County   |
| Monument #10               | Section 32, Township 19 South, Range 37 East, Lea County         |
| Monument #17               | Section 29, Township 19 South, Range 37 East, Lea County         |
| Monument #18               | Section 7, Township 20 South, Range 37 East, Lea County          |
| Bob Durham                 | Sections 31 and 32, Township 19 South, Range 37 East, Lea County |
| Monument Barber 10" Sour   | Section 32, Township 19 South, Range 37 East, Lea County         |
| Lea Station to Monument 6" | Section 5, Township 20 South, Range 37 East, Lea County          |

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 facilities.

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

Sincerely,

A handwritten signature in cursive script that reads "Camille Reynolds". The signature is written in dark ink and is positioned above the printed name and title.

Camille Reynolds  
Remediation Coordinator  
Plains All American Pipeline

CC: Larry Johnson, NMOCD, Hobbs, New Mexico

Enclosure



2005  
ANNUAL MONITORING REPORT

*Report is on  
the L-Drive*

**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  
NMOCD REFERENCE AP-017

PREPARED FOR:

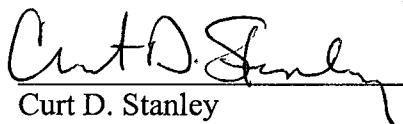
**PLAINS MARKETING, L.P.**  
333 CLAY STREET SUITE 1600  
HOUSTON, TEXAS 77022



PREPARED BY:

**NOVA Safety and Environmental**  
2057 Commerce Street  
Midland, Texas 79703

**March 2006**

  
Curt D. Stanley  
Project Manager

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

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

**ENCLOSED ON CD**

2005 Tables 1 and 2 - Groundwater Elevation and BTEX Concentration Data

2005 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. The Release Notification and Corrective Action (Form C-141) is provided as Appendix A. 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 2005 only. For reference, the Site Location Map is provided as Figure 1. Cumulative tables and laboratory data are provided on the enclosed data disk.

Groundwater monitoring was conducted during each quarter of 2005 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbons (PSH). 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 (TNM) 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. The Release Notification and Corrective Action (Form C-141) is provided as Appendix A. 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 operated on-site incorporating recovery well RW-6 and monitor wells MW-8, MW-14 and MW-15. The automated recovery system has operated throughout the reporting period with some short duration disruptions. Manual product recovery has been conducted at monitor wells MW-4, MW-6 through MW-8, MW-14, MW-15, and MW-19 and recovery wells RW-5, and RW-6 during the 2005 calendar year.

## **FIELD ACTIVITIES**

A measurable thickness of PSH was recorded for sixteen (16) 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 2005 was 0.97 feet, 0.63 feet, 0.63 feet, and

0.51 feet, respectively. The maximum thickness of PSH in monitor wells and recovery wells during the first, second, third and fourth quarters of 2005 was 2.82 feet, 2.16 feet, 3.04 feet, and 4.00 feet, respectively. PSH data for the 2005 gauging events can be found in Table 1.

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 and amended by NMOCD by correspondence dated June 22, 2005.

| 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    | Annually      |          |               |

The site monitor wells were gauged and sampled on March 8, June 8, September 15 through September 16, and December 12, 2005. 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 2005 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

Groundwater elevation contours generated from water level measurements acquired during the quarterly sampling events of 2005 indicated a general gradient of approximately 0.004 feet/foot to the southeast. The corrected groundwater elevations ranged between 3484.42 to 3492.36 feet above mean sea level, in MW-2 on December 7, 2005 and in MW-5 on October 8, 2005, respectively.

## LABORATORY RESULTS

Monitor wells MW-4, MW-8, MW-14, MW-15 and MW-19 (with the exception of second quarter) and recovery wells RW-1 and RW-6 contained measurable PSH throughout the 2005

reporting period and were not sampled. Monitor wells MW-6, MW-7 and MW-10 and recovery wells RW-2 through RW-5 contained measurable PSH during the third and fourth quarters of 2005 and were not sampled during those quarters.

Groundwater samples collected during the 2005 monitoring events were delivered to Trace Analysis, Inc., of Lubbock, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8021b. A listing of BTEX constituent concentrations is summarized in Table 2. Copies of the laboratory reports for 2005 are provided on the enclosed data disk. The quarterly groundwater sample results for benzene and BTEX constituent concentrations are depicted on Figures 3A-3D.

Review of laboratory analytical results of the groundwater samples obtained during the 2005 monitoring period indicate that benzene and BTEX constituent concentrations were below NMOCD regulatory standards in monitor wells MW-1 through MW-3, MW-12, MW-13, MW-16 through MW-18, and MW-22 through MW-28. During at least one quarterly sampling event, samples from monitor wells and recovery wells MW-5 through MW-7, MW-9, MW-10, MW-19 through MW-21, and RW-2 through RW-5, exhibited concentrations of benzene above the applicable NMOCD regulatory standard. All samples analyzed during the reporting period indicate concentrations of BTEX constituent concentrations below the applicable NMOCD regulatory standard. Fourteen (14) monitor wells and recovery wells contained measurable thicknesses of PSH during and were not sampled during at least one quarterly sampling event.

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 eight (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 weekly schedule. Groundwater elevation contours generated from water level measurements acquired indicated a general gradient of approximately 0.004 feet/foot to the southeast.

Review of laboratory analytical results of the groundwater samples obtained during the 2005 monitoring period indicate that benzene and BTEX constituent concentrations were below NMOCD regulatory standards in fifteen (15) monitor wells. However, during at least one quarterly sampling event, samples from twelve (12) 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 constituent concentrations below the applicable NMOCD regulatory standard. Fourteen (14) monitor wells and recovery wells contained measurable thicknesses of PSH during the quarterly sampling activities and were not sampled for at least one quarterly sampling event.

Approximately 1,237 gallons (29 barrels) of PSH has been recovered since project inception. Approximately 321 gallons (8 barrels) of PSH was recovered from the site during the 2005 reporting period.

### **ANTICIPATED ACTIONS**

Quarterly gauging and sampling will continue in 2006. Manual product recovery and system operations will occur weekly and will be adjusted according to site conditions. The recovery system will be monitored and adjusted by adding or relocating pumps to maximize efficiency in product removal and gradient control.

A Site Restoration Work Plan and Soil Closure Strategy Report will be submitted to the NMOCD in the first quarter of 2006, 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:      Larry Johnson and Paul Sheeley  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division, District 1  
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Hobbs, NM 88240
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Lovington, NM  
cjreynolds@paalp.com
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jpdann@paalp.com
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2057 Commerce Street  
Midland, TX 79703  
cstanley@novatraining.cc

## Figures

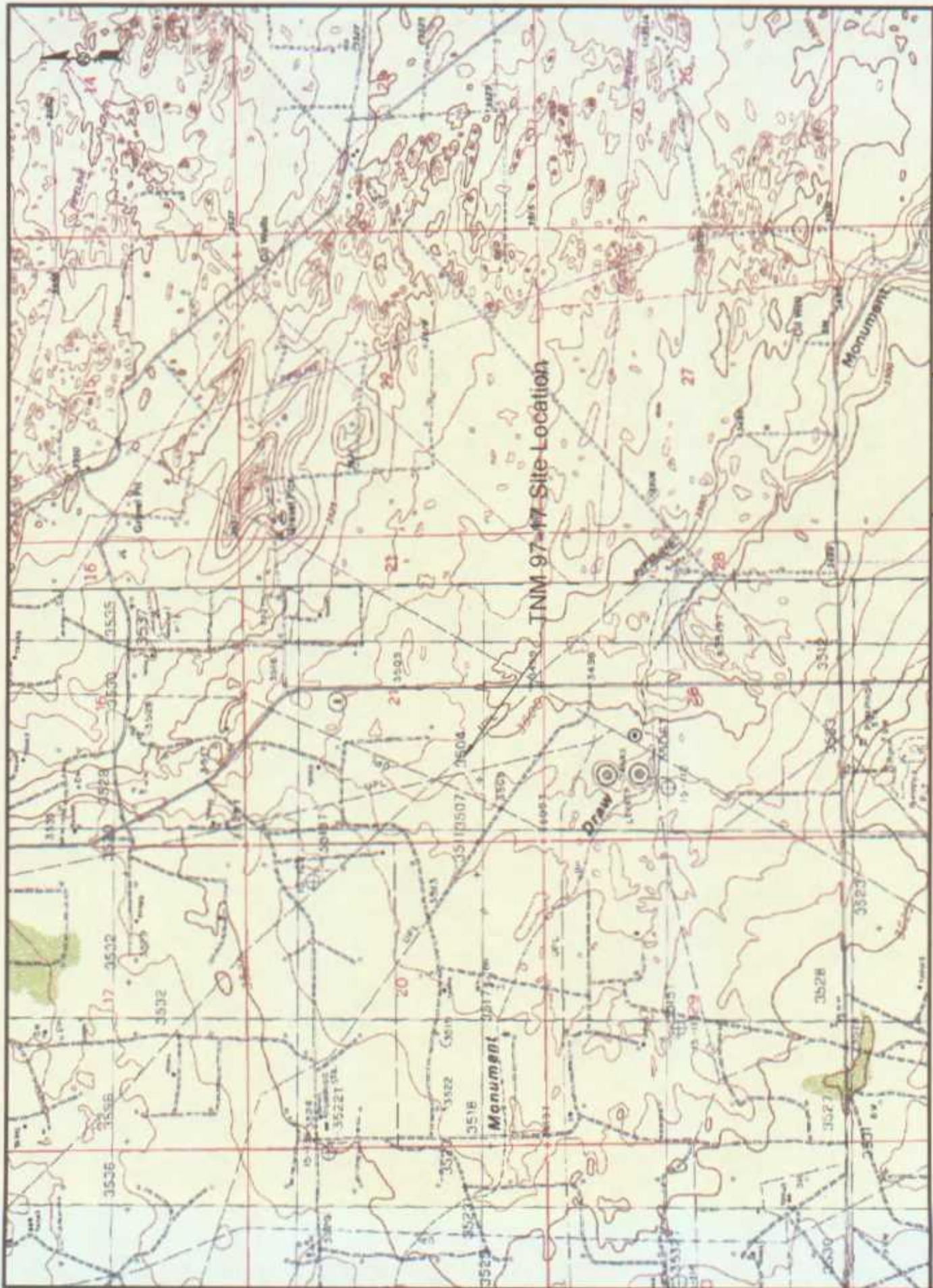


Figure 1  
Site Location Map

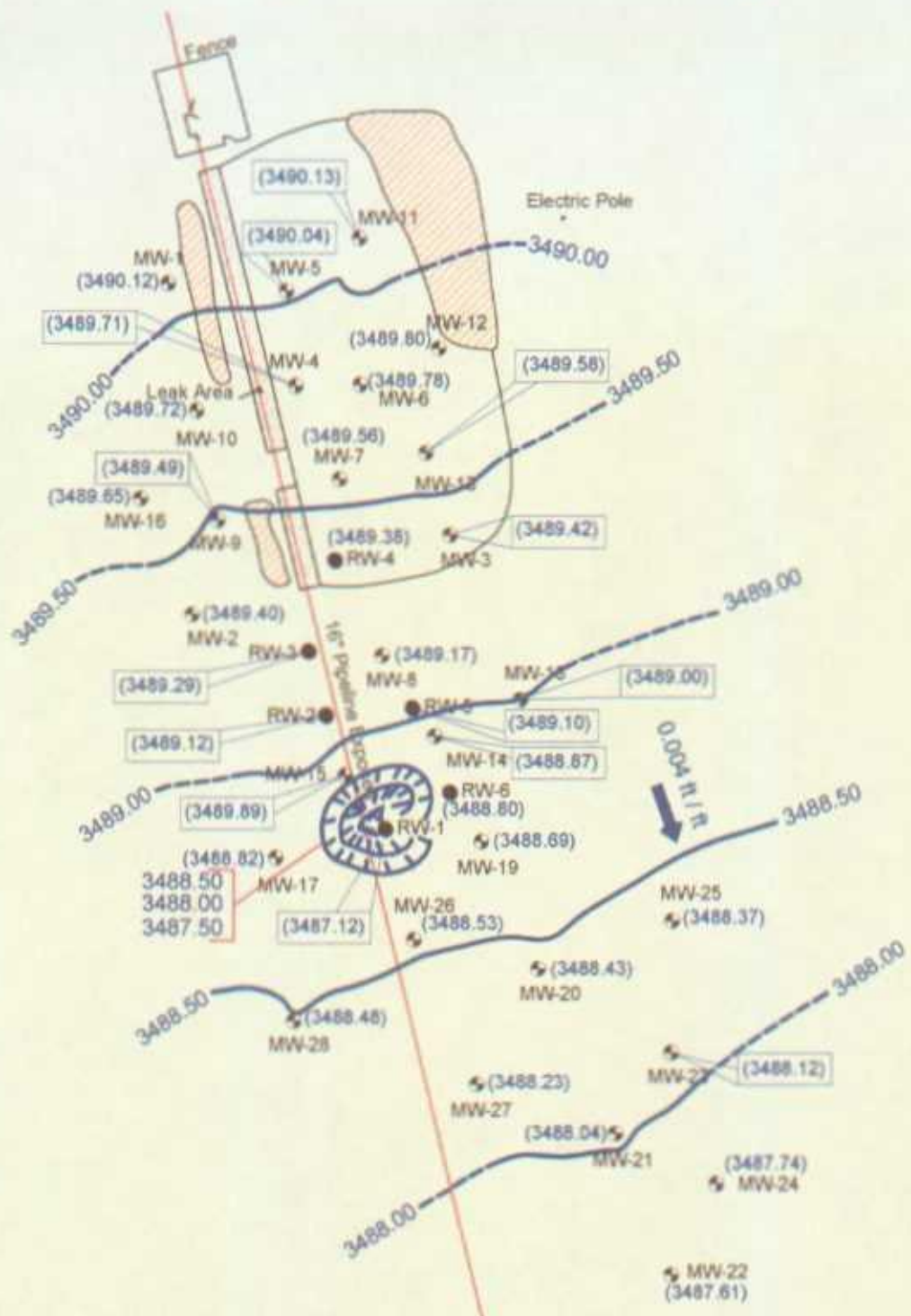
Phasing Marketing, L.P.  
TNM 97-17  
Lea County, NM

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

NOVA Safety and Environmental



Scale: 1:50,000  
Drawn by: GCS  
Prepared by: NCI  
February 15, 2005  
NOVA 50014 Rev. 21 1000 03/05



**NOTE**

- Contour Interval = 0.5'
- GW Gradient Measured Between MW-1 and MW-28.

**Legend**

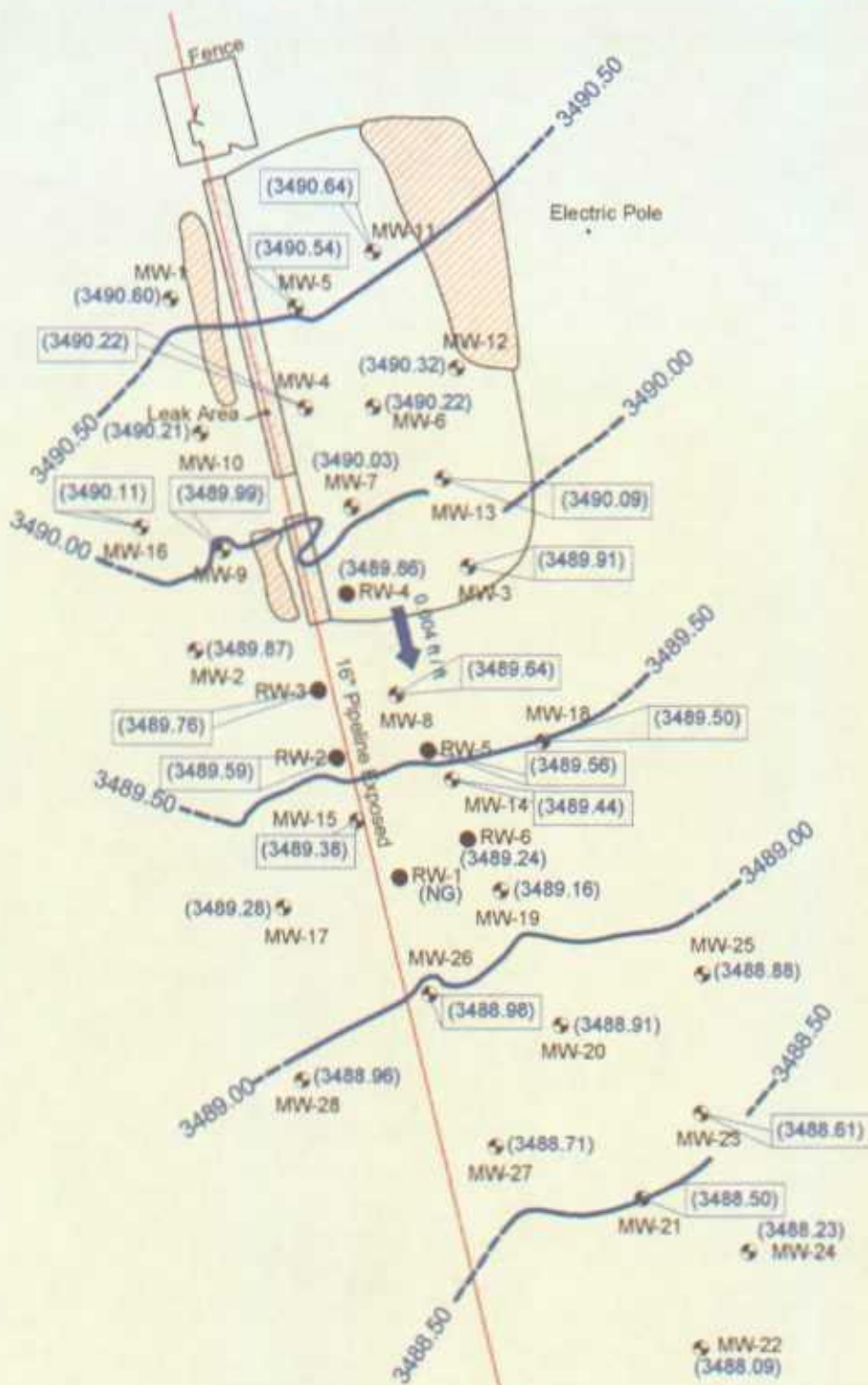
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour Line
- Groundwater Gradient Direction and Magnitude
- (3490.00) Groundwater Elevation (feet)
- Shaded Soil Area
- Excavated Area



Figure 2A  
Inferred Groundwater  
Gradient Map  
(3/8/05)  
Plains Pipeline, L.P.  
TNM 97-17  
Lee County, NM

NOVA Safety and Environmental

|                  |              |                 |
|------------------|--------------|-----------------|
| Scale: 1" = 100' | Prep By: DFM | Checked By: CDS |
| May 11, 2005     |              |                 |



# **NOTE**

- Contour Interval = 0.5'
- GW Gradient Measured Between MW-1 and MW-28



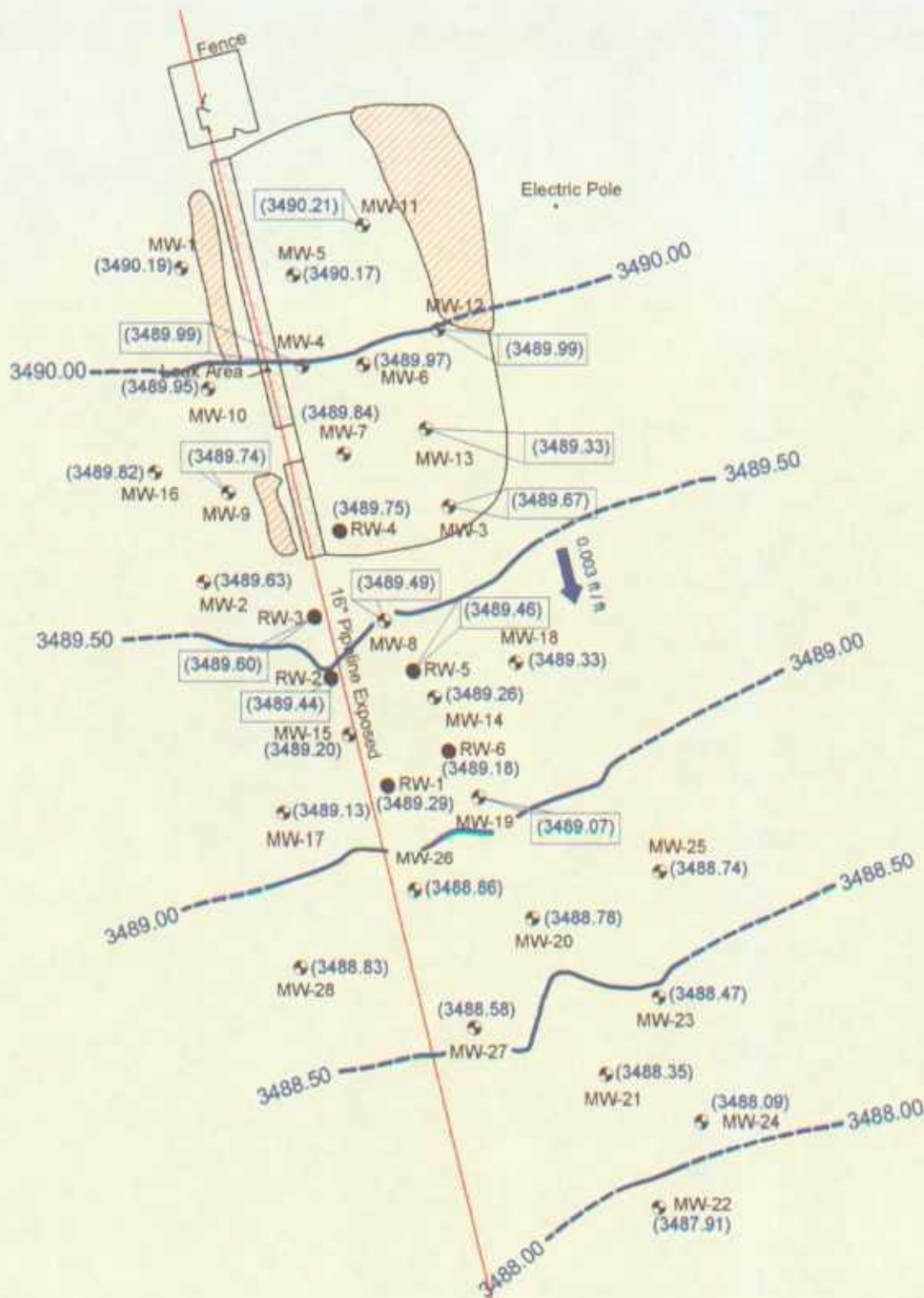
|                                                                                                                                                                                    |                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <p>● Monitor Well Location</p> <p>● Recovery Well Location</p> <p>— Pipeline</p> <p>— Groundwater Elevation Contour Line</p> <p>→ Groundwater Gradient Direction and Magnitude</p> | <p>(3490.00) Groundwater Elevation (feet)</p> <p>□ Study Site Soil Area</p> <p>□ Excavated Area</p> <p>(N/A) Not Gauged</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|



Figure 2B  
Inferred Groundwater  
Gradient Map  
(6/8/05)  
Plains Pipeline, L.P.  
TNM 97-17  
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100' Prep By: DPM Checked By: COS  
July 27, 2005



#### NOTE

- Contour Interval = 0.5'
- GW Gradient Measured Between MW-1 and MW-28



#### Legend

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour Line
- Groundwater Gradient Direction and Magnitude
- (3490.17) Groundwater Elevation (feet)
- Steep Slope Soil Area
- Excavated Area



Figure 2C  
Inferred Groundwater  
Gradient Map  
(9/15/05)  
Plains Pipeline, L.P.  
TNM 97-17  
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100' Prep By: DPM Checked By: COB  
September 27, 2005



**NOTE:**  
 Contour Interval = 0.05'  
 GW Gradient Measured Between MW-11 and MW-22



|  |                                              |
|--|----------------------------------------------|
|  | Monitoring Well Location                     |
|  | Recovery Well Location                       |
|  | Pipeline                                     |
|  | Groundwater Elevation Contour Line           |
|  | Groundwater Gradient Direction and Magnitude |
|  | Shaded Soil Area                             |
|  | Excavated Area                               |

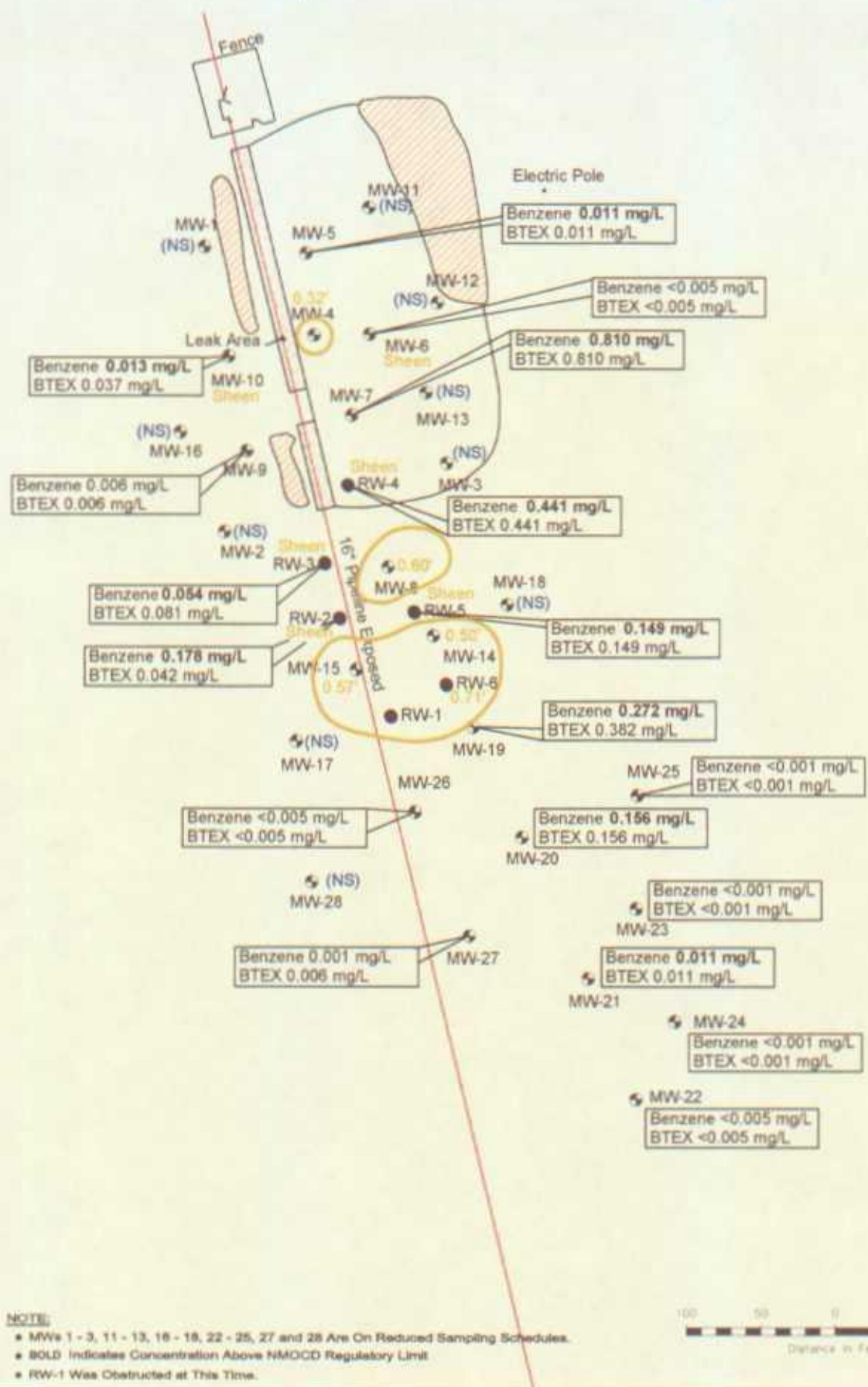


Figure 2D  
 Inferred Groundwater  
 Gradient Map  
 (12/12/05)  
 Plains Pipeline, L.P.  
 TNM 97-17  
 Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100' Prep By: DPM Checked By: CDD  
 September 27, 2006





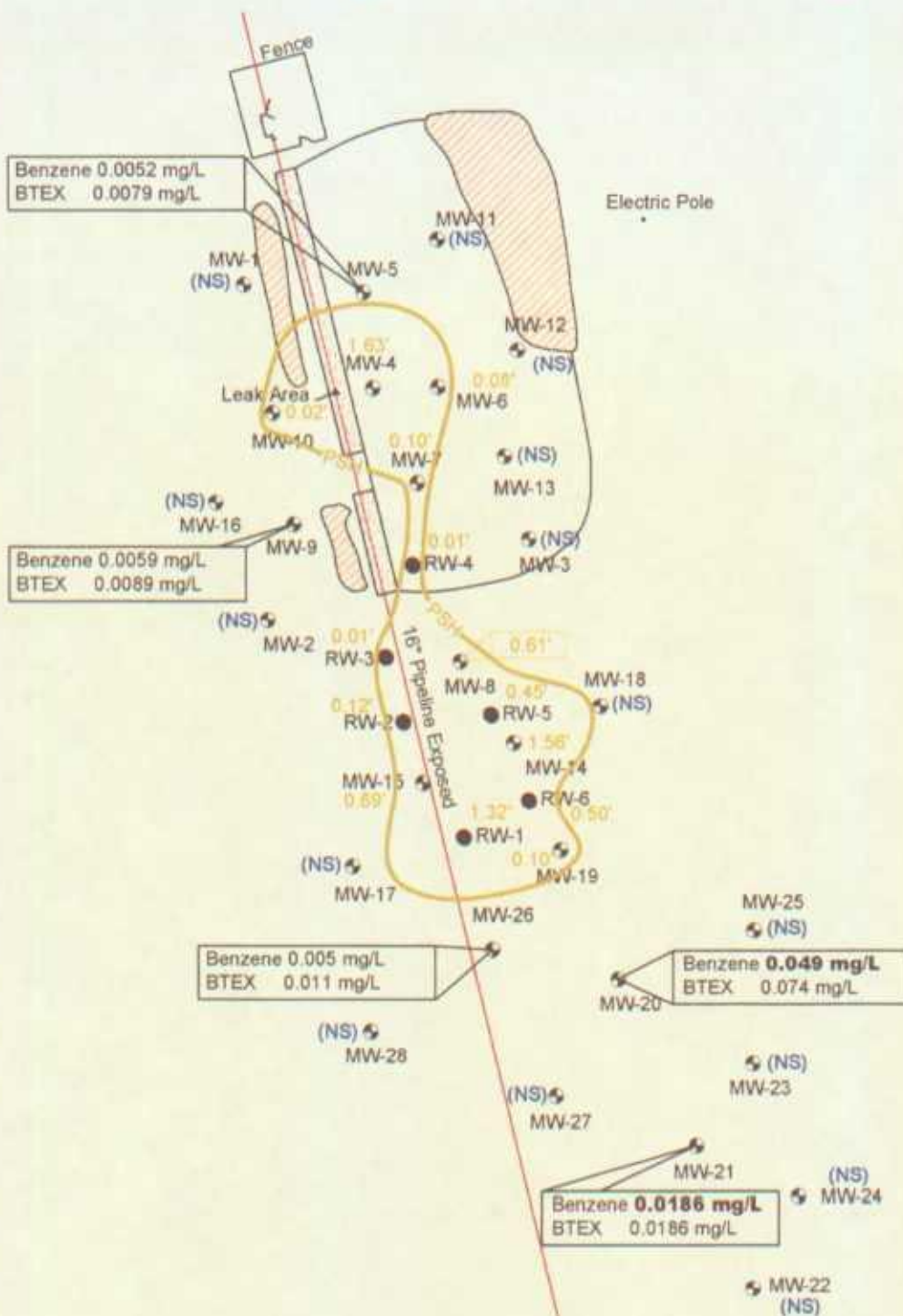
**Legend:**

|  |                         |        |                                  |
|--|-------------------------|--------|----------------------------------|
|  | Monitor Well Location   | <0.001 | Constituent Concentration (mg/L) |
|  | Recovery Well Location  |        |                                  |
|  | Pipeline                |        |                                  |
|  | Inferred PSH Extent     |        |                                  |
|  | Thickness of PSH (feet) | (ft)   |                                  |
|  | Shaded Area             |        |                                  |
|  | Not Sampled             |        |                                  |



Figure 3B  
Groundwater Concentration  
and Inferred PSH Extent  
Map (6/8/05)  
Plains Pipeline, L.P.  
TNM 67-17  
Lea County, NM

|                               |              |                 |
|-------------------------------|--------------|-----------------|
| NOVA Safety and Environmental |              |                 |
| Scale: 1" = 100'              | Prep By: DFM | Checked By: CDB |
| July 30, 2005                 |              |                 |



**NOTE:**

- MWs 1 - 3, 11 - 13, 16 - 18, 22 - 26, 27 and 28 Are On Reduced Sampling Schedules.
- BOLD Indicates Concentration Above NMOC Regulatory Limit

**Legend:**

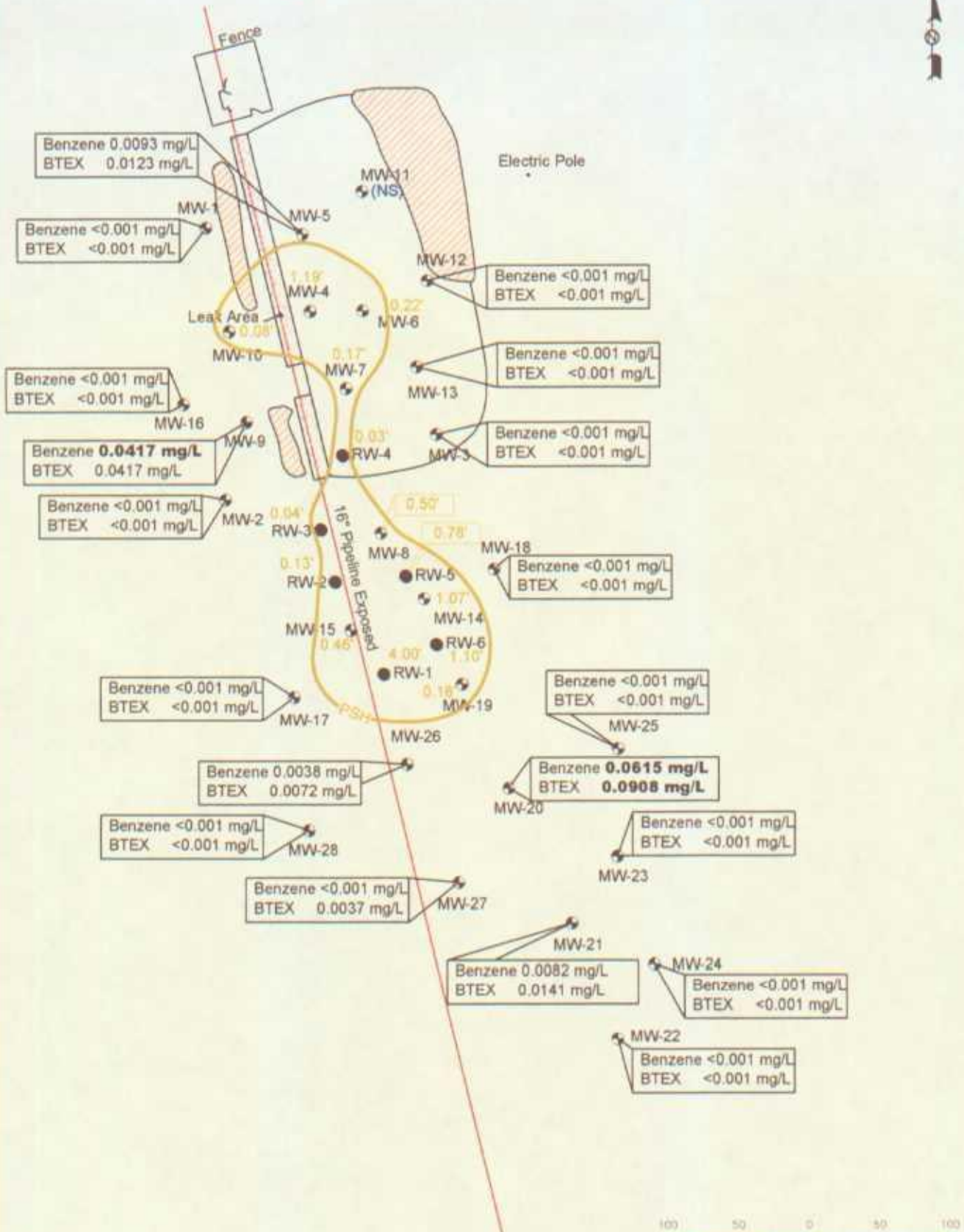
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent
- 0.45' Thickness of PSH (feet)
- 0.0059 Concentration (mg/L)
- Stockpile Spill Area
- Excavated Area
- (NS) Not Sampled



Figure 3C  
Groundwater Concentration  
and Inferred PSH Extent  
Map (9/15/05)  
Plains Pipeline, L.P.  
TNM 97-17  
Lea County, NM

NOVA Safety and Environmental

Scale 1" = 100' Prep By: DPM Checked By: CDS  
January 17, 2006



**NOTE:**

- MWs 1 - 3, 11 - 13, 16 - 18, 22 - 25, 27 and 28 Are On Reduced Sampling Schedules.
- BOLD Indicates Concentration Above NMOC Regulatory Limit
- MW- 11 Was Not Sampled, Obstruction In Well

| Legend |                         |
|--------|-------------------------|
|        | Monitor Well Location   |
|        | Recovery Well Location  |
|        | Pipeline                |
|        | Inferred PSH Extent     |
|        | Thickness of PSH (feet) |
|        | Blank                   |
|        | Estimated Area          |
|        | Not Sampled             |



Figure 3D  
Groundwater Concentration  
and Inferred PSH Extent  
Map (12/12/05)  
Plains Pipeline, L.P.  
TNM 97-17  
Lea County, NM

| NOVA Safety and Environmental |              |                 |
|-------------------------------|--------------|-----------------|
| Scale: 1" = 100'              | Prep By: DPM | Checked By: CDS |
| January 23, 2006              |              |                 |

# Tables

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| MW-1        | 03/08/05      | 3510.90                 | -                | 20.78          | 0.00          | 3490.12                         |
|             | 06/08/05      | 3510.90                 | -                | 20.30          | 0.00          | 3490.60                         |
|             | 09/15/05      | 3510.90                 | -                | 20.71          | 0.00          | 3490.19                         |
|             | 12/12/05      | 3510.90                 | -                | 20.48          | 0.00          | 3490.42                         |
| MW-2        | 03/08/05      | 3509.23                 | -                | 19.83          | 0.00          | 3489.40                         |
|             | 06/08/05      | 3509.23                 | -                | 19.36          | 0.00          | 3489.87                         |
|             | 09/15/05      | 3509.23                 | -                | 19.60          | 0.00          | 3489.63                         |
|             | 12/07/05      | 3509.23                 | 24.81            | 24.82          | 0.01          | 3484.42                         |
|             | 12/12/05      | 3509.23                 | -                | 19.43          | 0.00          | 3489.80                         |
| MW-3        | 03/08/05      | 3508.82                 | -                | 19.40          | 0.00          | 3489.42                         |
|             | 06/08/05      | 3508.82                 | -                | 18.91          | 0.00          | 3489.91                         |
|             | 09/15/05      | 3508.82                 | -                | 19.15          | 0.00          | 3489.67                         |
|             | 12/12/05      | 3508.82                 | -                | 18.96          | 0.00          | 3489.86                         |
| MW-4        | 01/11/05      | 3509.15                 | 19.40            | 22.07          | 2.67          | 3489.35                         |
|             | 01/14/05      | 3509.15                 | 19.54            | 21.06          | 1.52          | 3489.38                         |
|             | 01/18/05      | 3509.15                 | 19.45            | 21.37          | 1.92          | 3489.41                         |
|             | 01/21/05      | 3509.15                 | 19.53            | 20.53          | 1.00          | 3489.47                         |
|             | 01/25/05      | 3509.15                 | 19.45            | 21.00          | 1.55          | 3489.47                         |
|             | 01/28/05      | 3509.15                 | 19.43            | 20.95          | 1.52          | 3489.49                         |
|             | 02/02/05      | 3509.15                 | 19.34            | 21.30          | 1.96          | 3489.52                         |
|             | 02/05/05      | 3509.15                 | 19.43            | 20.95          | 1.52          | 3489.49                         |
|             | 02/08/05      | 3509.15                 | 19.29            | 21.39          | 2.10          | 3489.55                         |
|             | 02/11/05      | 3509.15                 | 19.54            | 19.96          | 0.42          | 3489.55                         |
|             | 02/15/05      | 3509.15                 | 19.32            | 20.70          | 1.38          | 3489.62                         |
|             | 02/18/05      | 3509.15                 | 19.36            | 20.25          | 0.89          | 3489.66                         |
|             | 02/22/05      | 3509.15                 | 19.28            | 20.78          | 1.50          | 3489.65                         |
|             | 02/25/05      | 3509.15                 | 19.39            | 20.00          | 0.61          | 3489.67                         |
|             | 03/01/05      | 3509.15                 | 19.26            | 20.31          | 1.05          | 3489.73                         |
|             | 03/04/05      | 3509.15                 | 19.31            | 20.00          | 0.69          | 3489.74                         |
|             | 03/08/05      | 3509.15                 | 19.31            | 20.21          | 0.90          | 3489.71                         |
|             | 03/08/05      | 3509.15                 | 19.31            | 20.21          | 0.90          | 3489.71                         |
|             | 03/11/05      | 3509.15                 | 19.29            | 19.95          | 0.66          | 3489.76                         |
|             | 03/15/05      | 3509.15                 | 19.20            | 20.10          | 0.90          | 3489.82                         |
|             | 03/18/05      | 3509.15                 | 19.19            | 20.26          | 1.07          | 3489.80                         |
|             | 03/22/05      | 3509.15                 | 19.14            | 20.10          | 0.96          | 3489.87                         |
|             | 03/28/05      | 3509.15                 | 19.09            | 20.04          | 0.95          | 3489.92                         |
|             | 04/01/05      | 3509.15                 | 19.11            | 20.01          | 0.90          | 3489.91                         |
|             | 04/05/05      | 3509.15                 | 19.12            | 19.74          | 0.62          | 3489.94                         |
|             | 04/08/05      | 3509.15                 | 19.06            | 19.78          | 0.72          | 3489.98                         |
|             | 04/12/05      | 3509.15                 | 19.04            | 19.92          | 0.88          | 3489.98                         |
|             | 04/15/05      | 3509.15                 | 19.09            | 19.79          | 0.70          | 3489.96                         |
|             | 05/25/05      | 3509.15                 | 18.84            | 19.56          | 0.72          | 3490.20                         |
|             | 05/27/05      | 3509.15                 | 18.80            | 19.51          | 0.71          | 3490.24                         |
|             | 05/31/05      | 3509.15                 | 18.80            | 19.50          | 0.70          | 3490.25                         |
| MW-4        | 06/03/05      | 3509.15                 | 18.80            | 19.47          | 0.67          | 3490.25                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
|                | 06/06/05         | 3509.15                       | 18.88               | 19.20             | 0.32             | 3490.22                               |
|                | 06/08/05         | 3509.15                       | 18.88               | 19.20             | 0.32             | 3490.22                               |
|                | 06/13/05         | 3509.15                       | 18.78               | 19.41             | 0.63             | 3490.28                               |
|                | 06/20/05         | 3509.15                       | 19.06               | 19.50             | 0.44             | 3490.02                               |
|                | 06/24/05         | 3509.15                       | 18.81               | 19.49             | 0.68             | 3490.24                               |
|                | 06/27/05         | 3509.15                       | 18.81               | 19.92             | 1.11             | 3490.17                               |
|                | 07/11/05         | 3509.15                       | 18.89               | 20.78             | 1.89             | 3489.98                               |
|                | 07/15/05         | 3509.15                       | 19.11               | 19.60             | 0.49             | 3489.97                               |
|                | 07/18/05         | 3509.15                       | 19.10               | 20.21             | 1.11             | 3489.88                               |
|                | 07/21/05         | 3509.15                       | 19.24               | 19.69             | 0.45             | 3489.84                               |
|                | 07/25/05         | 3509.15                       | 19.13               | 20.70             | 1.57             | 3489.78                               |
|                | 08/01/05         | 3509.15                       | 19.21               | 20.30             | 1.09             | 3489.78                               |
|                | 08/04/05         | 3509.15                       | 19.28               | 20.03             | 0.75             | 3489.76                               |
|                | 08/12/05         | 3509.15                       | 19.22               | 21.01             | 1.79             | 3489.66                               |
|                | 08/15/05         | 3509.15                       | 19.14               | 21.18             | 2.04             | 3489.70                               |
|                | 08/23/05         | 3509.15                       | 18.86               | 21.90             | 3.04             | 3489.83                               |
|                | 08/30/05         | 3509.15                       | 18.81               | 21.80             | 2.99             | 3489.89                               |
|                | 09/06/05         | 3509.15                       | 18.80               | 21.11             | 2.31             | 3490.00                               |
|                | 09/13/05         | 3509.15                       | 18.79               | 21.45             | 2.66             | 3489.96                               |
|                | 09/15/05         | 3509.15                       | 18.92               | 20.55             | 1.63             | 3489.99                               |
|                | 09/19/05         | 3509.15                       | 18.87               | 21.18             | 2.31             | 3489.93                               |
|                | 09/27/05         | 3509.15                       | 18.94               | 20.77             | 1.83             | 3489.94                               |
|                | 10/03/05         | 3509.15                       | 19.10               | 19.70             | 0.60             | 3489.96                               |
|                | 10/08/05         | 3509.15                       | 18.91               | 19.32             | 0.41             | 3490.18                               |
|                | 10/10/05         | 3509.15                       | 19.00               | 19.70             | 0.70             | 3490.05                               |
|                | 10/17/05         | 3509.15                       | 19.05               | 19.53             | 0.48             | 3490.03                               |
|                | 10/24/05         | 3509.15                       | 18.98               | 19.50             | 0.52             | 3490.09                               |
|                | 10/31/05         | 3509.15                       | 18.89               | 19.88             | 0.99             | 3490.11                               |
|                | 11/15/05         | 3509.15                       | 18.92               | 19.86             | 0.94             | 3490.09                               |
|                | 11/22/05         | 3509.15                       | 18.88               | 19.90             | 1.02             | 3490.12                               |
|                | 11/27/05         | 3509.15                       | 18.82               | 20.38             | 1.56             | 3490.10                               |
|                | 12/07/05         | 3509.15                       | 18.83               | 19.91             | 1.08             | 3490.16                               |
|                | 12/12/05         | 3509.15                       | 18.82               | 20.01             | 1.19             | 3490.15                               |
|                | 12/16/05         | 3509.15                       | 18.80               | 20.10             | 1.30             | 3490.16                               |
|                | 12/22/05         | 3509.15                       | 18.88               | 20.01             | 1.13             | 3490.10                               |
|                | 12/27/05         | 3509.15                       | 18.85               | 19.40             | 0.55             | 3490.22                               |
|                |                  |                               |                     |                   |                  |                                       |
| MW-5           | 01/11/05         | 3509.96                       | sheen               | 20.53             | 0.00             | 3489.43                               |
|                | 01/14/05         | 3509.96                       | sheen               | 20.30             | 0.00             | 3489.66                               |
|                | 01/18/05         | 3509.96                       | sheen               | 20.28             | 0.00             | 3489.68                               |
|                | 01/21/05         | 3509.96                       | sheen               | 20.25             | 0.00             | 3489.71                               |
|                | 01/25/05         | 3509.96                       | sheen               | 20.20             | 0.00             | 3489.76                               |
|                | 01/28/05         | 3509.96                       | sheen               | 20.21             | 0.00             | 3489.75                               |
|                | 02/02/05         | 3509.96                       | sheen               | 20.17             | 0.00             | 3489.79                               |
|                | 02/05/05         | 3509.96                       | sheen               | 20.10             | 0.00             | 3489.86                               |
|                | 02/08/05         | 3509.96                       | sheen               | 20.13             | 0.00             | 3489.83                               |
|                | 02/11/05         | 3509.96                       | sheen               | 20.14             | 0.00             | 3489.82                               |
|                | 02/15/05         | 3509.96                       | sheen               | 20.07             | 0.00             | 3489.89                               |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
| MW-5           | 02/18/05         | 3509.96                       | sheen               | 20.07             | 0.00             | 3489.89                               |
|                | 02/22/05         | 3509.96                       | sheen               | 20.03             | 0.00             | 3489.93                               |
|                | 02/25/05         | 3509.96                       | sheen               | 20.00             | 0.00             | 3489.96                               |
|                | 03/01/05         | 3509.96                       | sheen               | 19.96             | 0.00             | 3490.00                               |
|                | 03/04/05         | 3509.96                       | sheen               | 19.97             | 0.00             | 3489.99                               |
|                | 03/08/05         | 3509.96                       | sheen               | 19.92             | 0.00             | 3490.04                               |
|                | 03/08/05         | 3509.96                       | sheen               | 19.92             | 0.00             | 3490.04                               |
|                | 03/11/05         | 3509.96                       | sheen               | 19.96             | 0.00             | 3490.00                               |
|                | 03/15/05         | 3509.96                       | sheen               | 19.90             | 0.00             | 3490.06                               |
|                | 03/18/05         | 3509.96                       | sheen               | 19.91             | 0.00             | 3490.05                               |
|                | 03/22/05         | 3509.96                       | sheen               | 19.87             | 0.00             | 3490.09                               |
|                | 03/28/05         | 3509.96                       | sheen               | 19.75             | 0.00             | 3490.21                               |
|                | 04/01/05         | 3509.96                       | sheen               | 20.38             | 0.00             | 3489.58                               |
|                | 04/05/05         | 3509.96                       | sheen               | 19.72             | 0.00             | 3490.24                               |
|                | 04/08/05         | 3509.96                       | sheen               | 19.73             | 0.00             | 3490.23                               |
|                | 04/12/05         | 3509.96                       | sheen               | 19.68             | 0.00             | 3490.28                               |
|                | 04/15/05         | 3509.96                       | sheen               | 19.66             | 0.00             | 3490.30                               |
|                | 05/25/05         | 3509.96                       | sheen               | 19.47             | 0.00             | 3490.49                               |
|                | 05/27/05         | 3509.96                       | sheen               | 19.46             | 0.00             | 3490.50                               |
|                | 05/31/05         | 3509.96                       | sheen               | 19.45             | 0.00             | 3490.51                               |
|                | 06/03/05         | 3509.96                       | sheen               | 19.43             | 0.00             | 3490.53                               |
|                | 06/06/05         | 3509.96                       | sheen               | 19.42             | 0.00             | 3490.54                               |
|                | 06/08/05         | 3509.96                       | -                   | 19.42             | 0.00             | 3490.54                               |
|                | 06/13/05         | 3509.96                       | sheen               | 19.44             | 0.00             | 3490.52                               |
|                | 06/20/05         | 3509.96                       | sheen               | 19.49             | 0.00             | 3490.47                               |
|                | 06/24/05         | 3509.96                       | sheen               | 19.50             | 0.00             | 3490.46                               |
|                | 06/27/05         | 3509.96                       | sheen               | 19.55             | 0.00             | 3490.41                               |
|                | 07/11/05         | 3509.96                       | sheen               | 19.75             | 0.00             | 3490.21                               |
|                | 07/15/05         | 3509.96                       | sheen               | 19.79             | 0.00             | 3490.17                               |
|                | 07/18/05         | 3509.96                       | sheen               | 19.86             | 0.00             | 3490.10                               |
|                | 07/21/05         | 3509.96                       | sheen               | 19.88             | 0.00             | 3490.08                               |
|                | 07/25/05         | 3509.96                       | sheen               | 19.97             | 0.00             | 3489.99                               |
|                | 08/01/05         | 3509.96                       | sheen               | 19.18             | 0.00             | 3490.78                               |
|                | 08/04/05         | 3509.96                       | sheen               | 19.19             | 0.00             | 3490.77                               |
|                | 08/12/05         | 3509.96                       | sheen               | 20.06             | 0.00             | 3489.90                               |
|                | 08/15/05         | 3509.96                       | 20.04               | 20.06             | 0.02             | 3489.92                               |
|                | 08/23/05         | 3509.96                       | sheen               | 19.84             | 0.00             | 3490.12                               |
|                | 08/30/05         | 3509.96                       | sheen               | 19.78             | 0.00             | 3490.18                               |
|                | 09/06/05         | 3509.96                       | sheen               | 19.72             | 0.00             | 3490.24                               |
|                | 09/13/05         | 3509.96                       | sheen               | 19.75             | 0.00             | 3490.21                               |
|                | 09/15/05         | 3509.96                       | -                   | 19.79             | 0.00             | 3490.17                               |
|                | 09/19/05         | 3509.96                       | sheen               | 19.80             | 0.00             | 3490.16                               |
|                | 09/27/05         | 3509.96                       | sheen               | 19.81             | 0.00             | 3490.15                               |
|                | 10/03/05         | 3509.96                       | sheen               | 19.87             | 0.00             | 3490.09                               |
|                | 10/08/05         | 3509.96                       | 17.60               | 17.61             | 0.01             | 3492.36                               |
|                | 10/10/05         | 3509.96                       | sheen               | 19.84             | 0.00             | 3490.12                               |
|                | 10/17/05         | 3509.96                       | sheen               | 19.80             | 0.00             | 3490.16                               |
|                | 10/24/05         | 3509.96                       | sheen               | 19.70             | 0.00             | 3490.26                               |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
| MW-5           | 10/31/05         | 3509.96                       | sheen               | 19.66             | 0.00             | 3490.30                               |
|                | 11/15/05         | 3509.96                       | sheen               | 19.65             | 0.00             | 3490.31                               |
|                | 11/22/05         | 3509.96                       | sheen               | 19.60             | 0.00             | 3490.36                               |
|                | 11/27/05         | 3509.96                       | sheen               | 19.58             | 0.00             | 3490.38                               |
|                | 12/07/05         | 3509.96                       | sheen               | 19.64             | 0.00             | 3490.32                               |
|                | 12/16/05         | 3509.96                       | sheen               | 19.58             | 0.00             | 3490.38                               |
|                | 12/22/05         | 3509.96                       | sheen               | 19.59             | 0.00             | 3490.37                               |
|                | 12/27/05         | 3509.96                       | sheen               | 19.57             | 0.00             | 3490.39                               |
|                |                  |                               |                     |                   |                  |                                       |
| MW-6           | 01/11/05         | 3507.94                       | sheen               | 18.61             | 0.00             | 3489.33                               |
|                | 01/14/05         | 3507.94                       | sheen               | 18.58             | 0.00             | 3489.36                               |
|                | 01/18/05         | 3507.94                       | sheen               | 18.57             | 0.00             | 3489.37                               |
|                | 01/21/05         | 3507.94                       | sheen               | 18.50             | 0.00             | 3489.44                               |
|                | 01/25/05         | 3507.94                       | sheen               | 18.49             | 0.00             | 3489.45                               |
|                | 01/28/05         | 3507.94                       | sheen               | 18.47             | 0.00             | 3489.47                               |
|                | 02/02/05         | 3507.94                       | sheen               | 18.94             | 0.00             | 3489.00                               |
|                | 02/05/05         | 3507.94                       | sheen               | 18.48             | 0.00             | 3489.46                               |
|                | 02/08/05         | 3507.94                       | sheen               | 18.39             | 0.00             | 3489.55                               |
|                | 02/11/05         | 3507.94                       | sheen               | 18.39             | 0.00             | 3489.55                               |
|                | 02/15/05         | 3507.94                       | sheen               | 18.34             | 0.00             | 3489.60                               |
|                | 02/18/05         | 3507.94                       | sheen               | 18.32             | 0.00             | 3489.62                               |
|                | 02/22/05         | 3507.94                       | sheen               | 18.30             | 0.00             | 3489.64                               |
|                | 02/25/05         | 3507.94                       | sheen               | 18.29             | 0.00             | 3489.65                               |
|                | 03/01/05         | 3507.94                       | sheen               | 18.23             | 0.00             | 3489.71                               |
|                | 03/04/05         | 3507.94                       | sheen               | 18.24             | 0.00             | 3489.70                               |
|                | 03/08/05         | 3507.94                       | sheen               | 18.16             | 0.00             | 3489.78                               |
|                | 03/08/05         | 3507.94                       | sheen               | 18.16             | 0.00             | 3489.78                               |
|                | 03/11/05         | 3507.94                       | sheen               | 18.20             | 0.00             | 3489.74                               |
|                | 03/15/05         | 3507.94                       | sheen               | 18.18             | 0.00             | 3489.76                               |
|                | 03/18/05         | 3507.94                       | sheen               | 18.17             | 0.00             | 3489.77                               |
|                | 03/22/05         | 3507.94                       | sheen               | 18.17             | 0.00             | 3489.77                               |
|                | 03/28/05         | 3507.94                       | sheen               | 18.04             | 0.00             | 3489.90                               |
|                | 04/01/05         | 3507.94                       | sheen               | 19.36             | 0.00             | 3488.58                               |
|                | 04/05/05         | 3507.94                       | sheen               | 18.00             | 0.00             | 3489.94                               |
|                | 04/08/05         | 3507.94                       | sheen               | 18.01             | 0.00             | 3489.93                               |
|                | 04/12/05         | 3507.94                       | sheen               | 17.97             | 0.00             | 3489.97                               |
|                | 04/15/05         | 3507.94                       | sheen               | 17.97             | 0.00             | 3489.97                               |
|                | 05/25/05         | 3507.94                       | sheen               | 17.76             | 0.00             | 3490.18                               |
|                | 05/27/05         | 3507.94                       | sheen               | 17.75             | 0.00             | 3490.19                               |
|                | 05/31/05         | 3507.94                       | sheen               | 17.73             | 0.00             | 3490.21                               |
|                | 06/03/05         | 3507.94                       | sheen               | 17.72             | 0.00             | 3490.22                               |
|                | 06/06/05         | 3507.94                       | sheen               | 17.72             | 0.00             | 3490.22                               |
|                | 06/08/05         | 3507.94                       | sheen               | 17.72             | 0.00             | 3490.22                               |
|                | 06/13/05         | 3507.94                       | sheen               | 17.71             | 0.00             | 3490.23                               |
|                | 06/20/05         | 3507.94                       | sheen               | 17.74             | 0.00             | 3490.20                               |
|                | 06/24/05         | 3507.94                       | sheen               | 17.76             | 0.00             | 3490.18                               |
|                | 06/27/05         | 3507.94                       | sheen               | 17.79             | 0.00             | 3490.15                               |
|                | 07/11/05         | 3507.94                       | sheen               | 17.95             | 0.00             | 3489.99                               |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
| MW-7           | 03/11/05         | 3507.08                       | sheen               | 17.55             | 0.00             | 3489.53                               |
|                | 03/15/05         | 3507.08                       | sheen               | 17.50             | 0.00             | 3489.58                               |
|                | 03/18/05         | 3507.08                       | sheen               | 17.49             | 0.00             | 3489.59                               |
|                | 03/22/05         | 3507.08                       | sheen               | 17.46             | 0.00             | 3489.62                               |
|                | 03/28/05         | 3507.08                       | sheen               | 17.38             | 0.00             | 3489.70                               |
|                | 04/01/05         | 3507.08                       | sheen               | 17.41             | 0.00             | 3489.67                               |
|                | 04/05/05         | 3507.08                       | sheen               | 17.34             | 0.00             | 3489.74                               |
|                | 04/08/05         | 3507.08                       | sheen               | 17.36             | 0.00             | 3489.72                               |
|                | 04/12/05         | 3507.08                       | sheen               | 17.32             | 0.00             | 3489.76                               |
|                | 04/15/05         | 3507.08                       | sheen               | 17.34             | 0.00             | 3489.74                               |
|                | 05/25/05         | 3507.08                       | sheen               | 17.14             | 0.00             | 3489.94                               |
|                | 05/27/05         | 3507.08                       | sheen               | 17.11             | 0.00             | 3489.97                               |
|                | 05/31/05         | 3507.08                       | sheen               | 17.09             | 0.00             | 3489.99                               |
|                | 06/03/05         | 3507.08                       | sheen               | 17.06             | 0.00             | 3490.02                               |
|                | 06/06/05         | 3507.08                       | sheen               | 17.05             | 0.00             | 3490.03                               |
|                | 06/08/05         | 3507.08                       | -                   | 17.05             | 0.00             | 3490.03                               |
|                | 06/13/05         | 3507.08                       | 17.03               | 17.04             | 0.01             | 3490.05                               |
|                | 06/20/05         | 3507.08                       | sheen               | 17.07             | 0.00             | 3490.01                               |
|                | 06/24/05         | 3507.08                       | 17.09               | 17.15             | 0.06             | 3489.98                               |
|                | 06/27/05         | 3507.08                       | 17.09               | 17.10             | 0.01             | 3489.99                               |
|                | 07/11/05         | 3507.08                       | 17.23               | 17.24             | 0.01             | 3489.85                               |
|                | 07/15/05         | 3507.08                       | sheen               | 17.30             | 0.00             | 3489.78                               |
|                | 07/18/05         | 3507.08                       | sheen               | 17.34             | 0.00             | 3489.74                               |
|                | 07/21/05         | 3507.08                       | sheen               | 17.36             | 0.00             | 3489.72                               |
|                | 07/25/05         | 3507.08                       | sheen               | 17.42             | 0.00             | 3489.66                               |
|                | 08/01/05         | 3507.08                       | sheen               | 17.45             | 0.00             | 3489.63                               |
|                | 08/04/05         | 3507.08                       | sheen               | 17.46             | 0.00             | 3489.62                               |
|                | 08/12/05         | 3507.08                       | sheen               | 17.54             | 0.00             | 3489.54                               |
|                | 08/15/05         | 3507.08                       | 17.49               | 17.52             | 0.03             | 3489.59                               |
|                | 08/23/05         | 3507.08                       | 17.31               | 17.40             | 0.09             | 3489.76                               |
|                | 08/30/05         | 3507.08                       | 17.28               | 17.42             | 0.14             | 3489.78                               |
|                | 09/06/05         | 3507.08                       | 17.22               | 17.27             | 0.05             | 3489.85                               |
|                | 09/13/05         | 3507.08                       | 17.28               | 17.35             | 0.07             | 3489.79                               |
|                | 09/15/05         | 3507.08                       | 17.23               | 17.33             | 0.10             | 3489.84                               |
|                | 09/19/05         | 3507.08                       | sheen               | 17.26             | 0.00             | 3489.82                               |
|                | 09/27/05         | 3507.08                       | 17.25               | 17.45             | 0.20             | 3489.80                               |
|                | 10/03/05         | 3507.08                       | 17.30               | 17.70             | 0.40             | 3489.72                               |
|                | 10/08/05         | 3507.08                       | 17.24               | 17.31             | 0.07             | 3489.83                               |
|                | 10/10/05         | 3507.08                       | 17.25               | 17.71             | 0.46             | 3489.76                               |
|                | 10/17/05         | 3507.08                       | 17.20               | 17.45             | 0.25             | 3489.84                               |
|                | 10/24/05         | 3507.08                       | 17.16               | 17.41             | 0.25             | 3489.88                               |
|                | 10/31/05         | 3507.08                       | 17.18               | 17.38             | 0.20             | 3489.87                               |
|                | 11/15/05         | 3507.08                       | 17.13               | 17.51             | 0.38             | 3489.89                               |
|                | 11/22/05         | 3507.08                       | 17.11               | 17.50             | 0.39             | 3489.91                               |
|                | 11/27/05         | 3507.08                       | 17.08               | 17.42             | 0.34             | 3489.95                               |
|                | 12/07/05         | 3507.08                       | 17.11               | 17.28             | 0.17             | 3489.94                               |
|                | 12/12/05         | 3507.08                       | 17.17               | 17.34             | 0.17             | 3489.88                               |
|                | 12/16/05         | 3507.08                       | 17.22               | 17.39             | 0.17             | 3489.83                               |

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
| MW-7           | 12/22/05         | 3507.08                       | 17.29               | 17.49             | 0.20             | 3489.76                               |
|                | 12/27/05         | 3507.08                       | 17.06               | 17.38             | 0.32             | 3489.97                               |
| MW-8           | 01/11/05         | 3506.39                       | 17.38               | 18.29             | 0.91             | 3488.87                               |
|                | 01/14/05         | 3506.39                       | 17.42               | 18.20             | 0.78             | 3488.85                               |
|                | 01/18/05         | 3506.39                       | 17.29               | 18.81             | 1.52             | 3488.87                               |
|                | 01/21/05         | 3506.39                       | 17.35               | 18.09             | 0.74             | 3488.93                               |
|                | 01/25/05         | 3506.39                       | 17.29               | 18.74             | 1.45             | 3488.88                               |
|                | 01/28/05         | 3506.39                       | 17.40               | 18.13             | 0.73             | 3488.88                               |
|                | 02/02/05         | 3506.39                       | 17.26               | 18.69             | 1.43             | 3488.92                               |
|                | 02/05/05         | 3506.39                       | 17.39               | 18.02             | 0.63             | 3488.91                               |
|                | 02/08/05         | 3506.39                       | 17.26               | 18.25             | 0.99             | 3488.98                               |
|                | 02/15/05         | 3506.39                       | 17.22               | 18.14             | 0.92             | 3489.03                               |
|                | 02/18/05         | 3506.39                       | 17.33               | 18.03             | 0.70             | 3488.96                               |
|                | 02/22/05         | 3506.39                       | 17.21               | 17.94             | 0.73             | 3489.07                               |
|                | 02/25/05         | 3506.39                       | 17.21               | 17.68             | 0.47             | 3489.11                               |
|                | 03/01/05         | 3506.39                       | 17.14               | 17.88             | 0.74             | 3489.14                               |
|                | 03/04/05         | 3506.39                       | 17.18               | 17.71             | 0.53             | 3489.13                               |
|                | 03/08/05         | 3506.39                       | 17.12               | 17.80             | 0.68             | 3489.17                               |
|                | 03/08/05         | 3506.39                       | 17.12               | 17.82             | 0.70             | 3489.17                               |
|                | 03/11/05         | 3506.39                       | 17.20               | 17.71             | 0.51             | 3489.11                               |
|                | 03/15/05         | 3506.39                       | 17.12               | 17.56             | 0.44             | 3489.20                               |
|                | 03/18/05         | 3506.39                       | 17.10               | 17.55             | 0.45             | 3489.22                               |
|                | 03/22/05         | 3506.39                       | 17.10               | 17.41             | 0.31             | 3489.24                               |
|                | 03/28/05         | 3506.39                       | 17.02               | 17.49             | 0.47             | 3489.30                               |
|                | 04/01/05         | 3506.39                       | 17.05               | 17.53             | 0.48             | 3489.27                               |
|                | 04/05/05         | 3506.39                       | 17.00               | 17.54             | 0.54             | 3489.31                               |
|                | 04/08/05         | 3506.39                       | 17.03               | 17.55             | 0.52             | 3489.28                               |
|                | 04/15/05         | 3506.39                       | 16.90               | 17.74             | 0.84             | 3489.36                               |
|                | 05/25/05         | 3506.39                       | 16.73               | 17.40             | 0.67             | 3489.56                               |
|                | 05/27/05         | 3506.39                       | 16.88               | 17.36             | 0.48             | 3489.44                               |
|                | 05/31/05         | 3506.39                       | 16.69               | 17.20             | 0.51             | 3489.62                               |
|                | 06/03/05         | 3506.39                       | 16.65               | 17.30             | 0.65             | 3489.64                               |
|                | 06/08/05         | 3506.39                       | 16.66               | 17.26             | 0.60             | 3489.64                               |
|                | 06/08/05         | 3506.39                       | 16.66               | 17.26             | 0.60             | 3489.64                               |
|                | 06/13/05         | 3506.39                       | 16.64               | 17.37             | 0.73             | 3489.64                               |
|                | 06/20/05         | 3506.39                       | 16.67               | 17.39             | 0.72             | 3489.61                               |
|                | 06/24/05         | 3506.39                       | 16.65               | 17.45             | 0.80             | 3489.62                               |
|                | 06/27/05         | 3506.39                       | 16.70               | 17.14             | 0.44             | 3489.62                               |
|                | 07/11/05         | 3506.39                       | 16.79               | 17.50             | 0.71             | 3489.49                               |
|                | 07/15/05         | 3506.39                       | 16.86               | 17.40             | 0.54             | 3489.45                               |
|                | 07/18/05         | 3506.39                       | 16.86               | 17.52             | 0.66             | 3489.43                               |
|                | 07/21/05         | 3506.39                       | 16.95               | 17.35             | 0.40             | 3489.38                               |
|                | 07/25/05         | 3506.39                       | 16.96               | 17.80             | 0.84             | 3489.30                               |
|                | 08/01/05         | 3506.39                       | 16.99               | 17.68             | 0.69             | 3489.30                               |
|                | 08/04/05         | 3506.39                       | 17.10               | 17.56             | 0.46             | 3489.22                               |
|                | 08/12/05         | 3506.39                       | 17.52               | 17.73             | 0.21             | 3488.84                               |
|                | 08/15/05         | 3506.39                       | 16.97               | 18.00             | 1.03             | 3489.27                               |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| MW-8        | 08/23/05      | 3506.39                 | 16.80            | 17.49          | 0.69          | 3489.49                         |
|             | 08/30/05      | 3506.39                 | 16.78            | 17.48          | 0.70          | 3489.51                         |
|             | 09/06/05      | 3506.39                 | 16.70            | 17.78          | 1.08          | 3489.53                         |
|             | 09/13/05      | 3506.39                 | 16.78            | 17.90          | 1.12          | 3489.44                         |
|             | 09/15/05      | 3506.39                 | 16.81            | 17.42          | 0.61          | 3489.49                         |
|             | 09/19/05      | 3506.39                 | 16.77            | 17.50          | 0.73          | 3489.51                         |
|             | 09/27/05      | 3506.39                 | 16.71            | 17.96          | 1.25          | 3489.49                         |
|             | 10/03/05      | 3506.39                 | 16.90            | 17.43          | 0.53          | 3489.41                         |
|             | 10/08/05      | 3506.39                 | 16.69            | 17.33          | 0.64          | 3489.60                         |
|             | 10/10/05      | 3506.39                 | 16.80            | 17.70          | 0.90          | 3489.46                         |
|             | 10/17/05      | 3506.39                 | 16.61            | 17.75          | 1.14          | 3489.61                         |
|             | 10/24/05      | 3506.39                 | 16.69            | 17.36          | 0.67          | 3489.60                         |
|             | 10/31/05      | 3506.39                 | 16.68            | 17.50          | 0.82          | 3489.59                         |
|             | 11/15/05      | 3506.39                 | 16.72            | 17.51          | 0.79          | 3489.55                         |
|             | 11/22/05      | 3506.39                 | 16.67            | 17.22          | 0.55          | 3489.64                         |
|             | 11/27/05      | 3506.39                 | 16.72            | 17.19          | 0.47          | 3489.60                         |
|             | 12/07/05      | 3506.39                 | 16.74            | 16.98          | 0.24          | 3489.61                         |
|             | 12/12/05      | 3506.39                 | 16.70            | 17.20          | 0.50          | 3489.62                         |
|             | 12/16/05      | 3506.39                 | 16.66            | 17.25          | 0.59          | 3489.64                         |
|             | 12/22/05      | 3506.39                 | 16.60            | 17.35          | 0.75          | 3489.68                         |
|             | 12/27/05      | 3506.39                 | 16.63            | 17.35          | 0.72          | 3489.65                         |
| MW-9        | 01/11/05      | 3509.33                 | sheen            | 20.14          | 0.00          | 3489.19                         |
|             | 01/14/05      | 3509.33                 | sheen            | 20.10          | 0.00          | 3489.23                         |
|             | 01/18/05      | 3509.33                 | sheen            | 20.12          | 0.00          | 3489.21                         |
|             | 01/21/05      | 3509.33                 | sheen            | 20.10          | 0.00          | 3489.23                         |
|             | 01/25/05      | 3509.33                 | sheen            | 20.07          | 0.00          | 3489.26                         |
|             | 01/28/05      | 3509.33                 | sheen            | 20.03          | 0.00          | 3489.30                         |
|             | 02/02/05      | 3509.33                 | sheen            | 20.03          | 0.00          | 3489.30                         |
|             | 02/05/05      | 3509.33                 | sheen            | 20.00          | 0.00          | 3489.33                         |
|             | 02/08/05      | 3509.33                 | sheen            | 19.99          | 0.00          | 3489.34                         |
|             | 02/11/05      | 3509.33                 | sheen            | 20.02          | 0.00          | 3489.31                         |
|             | 02/15/05      | 3509.33                 | sheen            | 19.95          | 0.00          | 3489.38                         |
|             | 02/18/05      | 3509.33                 | sheen            | 19.94          | 0.00          | 3489.39                         |
|             | 02/22/05      | 3509.33                 | sheen            | 19.91          | 0.00          | 3489.42                         |
|             | 02/25/05      | 3509.33                 | sheen            | 19.92          | 0.00          | 3489.41                         |
|             | 03/01/05      | 3509.33                 | sheen            | 19.86          | 0.00          | 3489.47                         |
|             | 03/04/05      | 3509.33                 | sheen            | 19.85          | 0.00          | 3489.48                         |
|             | 03/08/05      | 3509.33                 | sheen            | 19.84          | 0.00          | 3489.49                         |
|             | 03/08/05      | 3509.33                 | sheen            | 19.84          | 0.00          | 3489.49                         |
|             | 03/11/05      | 3509.33                 | sheen            | 19.87          | 0.00          | 3489.46                         |
|             | 03/15/05      | 3509.33                 | sheen            | 19.79          | 0.00          | 3489.54                         |
|             | 03/18/05      | 3509.33                 | sheen            | 19.80          | 0.00          | 3489.53                         |
|             | 03/22/05      | 3509.33                 | sheen            | 19.80          | 0.00          | 3489.53                         |
|             | 03/28/05      | 3509.33                 | sheen            | 19.65          | 0.00          | 3489.68                         |
|             | 04/01/05      | 3509.33                 | sheen            | 19.66          | 0.00          | 3489.67                         |
|             | 04/05/05      | 3509.33                 | sheen            | 19.63          | 0.00          | 3489.70                         |
|             | 04/08/05      | 3509.33                 | sheen            | 19.63          | 0.00          | 3489.70                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| MW-9        | 04/12/05      | 3509.33                 | sheen            | 19.61          | 0.00          | 3489.72                         |
|             | 04/15/05      | 3509.33                 | sheen            | 19.59          | 0.00          | 3489.74                         |
|             | 05/25/05      | 3509.33                 | sheen            | 19.41          | 0.00          | 3489.92                         |
|             | 05/27/05      | 3509.33                 | sheen            | 19.40          | 0.00          | 3489.93                         |
|             | 05/31/05      | 3509.33                 | sheen            | 19.38          | 0.00          | 3489.95                         |
|             | 06/03/05      | 3509.33                 | sheen            | 19.35          | 0.00          | 3489.98                         |
|             | 06/06/05      | 3509.33                 | sheen            | 19.34          | 0.00          | 3489.99                         |
|             | 06/08/05      | 3509.33                 | -                | 19.34          | 0.00          | 3489.99                         |
|             | 06/13/05      | 3509.33                 | sheen            | 19.34          | 0.00          | 3489.99                         |
|             | 06/20/05      | 3509.33                 | sheen            | 19.38          | 0.00          | 3489.95                         |
|             | 06/24/05      | 3509.33                 | sheen            | 19.38          | 0.00          | 3489.95                         |
|             | 06/27/05      | 3509.33                 | sheen            | 19.43          | 0.00          | 3489.90                         |
|             | 07/11/05      | 3509.33                 | sheen            | 19.57          | 0.00          | 3489.76                         |
|             | 07/15/05      | 3509.33                 | sheen            | 19.63          | 0.00          | 3489.70                         |
|             | 07/18/05      | 3509.33                 | sheen            | 19.66          | 0.00          | 3489.67                         |
|             | 07/21/05      | 3509.33                 | sheen            | 19.66          | 0.00          | 3489.67                         |
|             | 07/25/05      | 3509.33                 | sheen            | 19.74          | 0.00          | 3489.59                         |
|             | 08/01/05      | 3509.33                 | sheen            | 19.79          | 0.00          | 3489.54                         |
|             | 08/04/05      | 3509.33                 | sheen            | 19.80          | 0.00          | 3489.53                         |
|             | 08/12/05      | 3509.33                 | sheen            | 19.88          | 0.00          | 3489.45                         |
|             | 08/15/05      | 3509.33                 | sheen            | 19.82          | 0.00          | 3489.51                         |
|             | 08/23/05      | 3509.33                 | sheen            | 19.61          | 0.00          | 3489.72                         |
|             | 08/30/05      | 3509.33                 | sheen            | 19.58          | 0.00          | 3489.75                         |
|             | 09/06/05      | 3509.33                 | sheen            | 19.54          | 0.00          | 3489.79                         |
|             | 09/13/05      | 3509.33                 | sheen            | 19.55          | 0.00          | 3489.78                         |
|             | 09/15/05      | 3509.33                 | -                | 19.59          | 0.00          | 3489.74                         |
|             | 09/19/05      | 3509.33                 | sheen            | 19.60          | 0.00          | 3489.73                         |
|             | 09/27/05      | 3509.33                 | sheen            | 19.59          | 0.00          | 3489.74                         |
|             | 10/03/05      | 3509.33                 | sheen            | 19.66          | 0.00          | 3489.67                         |
|             | 10/08/05      | 3509.33                 | sheen            | 19.44          | 0.00          | 3489.89                         |
|             | 10/10/05      | 3509.33                 | sheen            | 19.60          | 0.00          | 3489.73                         |
|             | 10/17/05      | 3509.33                 | sheen            | 19.51          | 0.00          | 3489.82                         |
|             | 10/24/05      | 3509.33                 | sheen            | 19.51          | 0.00          | 3489.82                         |
|             | 10/31/05      | 3509.33                 | sheen            | 19.49          | 0.00          | 3489.84                         |
|             | 11/15/05      | 3509.33                 | sheen            | 19.48          | 0.00          | 3489.85                         |
|             | 11/22/05      | 3509.33                 | sheen            | 19.44          | 0.00          | 3489.89                         |
|             | 11/27/05      | 3509.33                 | 19.41            | 19.42          | 0.01          | 3489.92                         |
|             | 12/07/05      | 3509.33                 | sheen            | 19.42          | 0.00          | 3489.91                         |
|             | 12/12/05      | 3509.33                 | -                | 19.41          | 0.00          | 3489.92                         |
|             | 12/16/05      | 3509.33                 | sheen            | 19.40          | 0.00          | 3489.93                         |
|             | 12/22/05      | 3509.33                 | sheen            | 19.40          | 0.00          | 3489.93                         |
|             | 12/27/05      | 3509.33                 | sheen            | 19.40          | 0.00          | 3489.93                         |
| MW-10       | 01/11/05      | 3509.91                 | sheen            | 20.51          | 0.00          | 3489.40                         |
|             | 01/14/05      | 3509.91                 | sheen            | 20.50          | 0.00          | 3489.41                         |
|             | 01/18/05      | 3509.91                 | sheen            | 20.49          | 0.00          | 3489.42                         |
|             | 01/21/05      | 3509.91                 | sheen            | 20.47          | 0.00          | 3489.44                         |
|             | 01/25/05      | 3509.91                 | sheen            | 20.42          | 0.00          | 3489.49                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
| MW-10          | 01/28/05         | 3509.91                       | sheen               | 20.40             | 0.00             | 3489.51                               |
|                | 02/02/05         | 3509.91                       | sheen               | 20.37             | 0.00             | 3489.54                               |
|                | 02/05/05         | 3509.91                       | sheen               | 20.33             | 0.00             | 3489.58                               |
|                | 02/08/05         | 3509.91                       | sheen               | 20.33             | 0.00             | 3489.58                               |
|                | 02/11/05         | 3509.91                       | sheen               | 20.33             | 0.00             | 3489.58                               |
|                | 02/15/05         | 3509.91                       | sheen               | 20.13             | 0.00             | 3489.78                               |
|                | 02/18/05         | 3509.91                       | sheen               | 20.27             | 0.00             | 3489.64                               |
|                | 02/22/05         | 3509.91                       | sheen               | 20.26             | 0.00             | 3489.65                               |
|                | 02/25/05         | 3509.91                       | sheen               | 20.26             | 0.00             | 3489.65                               |
|                | 03/01/05         | 3509.91                       | sheen               | 20.20             | 0.00             | 3489.71                               |
|                | 03/04/05         | 3509.91                       | sheen               | 20.20             | 0.00             | 3489.71                               |
|                | 03/08/05         | 3509.91                       | sheen               | 20.19             | 0.00             | 3489.72                               |
|                | 03/08/05         | 3509.91                       | sheen               | 20.19             | 0.00             | 3489.72                               |
|                | 03/11/05         | 3509.91                       | sheen               | 20.24             | 0.00             | 3489.67                               |
|                | 03/15/05         | 3509.91                       | sheen               | 20.30             | 0.00             | 3489.61                               |
|                | 03/18/05         | 3509.91                       | sheen               | 20.13             | 0.00             | 3489.78                               |
|                | 03/22/05         | 3509.91                       | sheen               | 20.10             | 0.00             | 3489.81                               |
|                | 03/28/05         | 3509.91                       | sheen               | 20.00             | 0.00             | 3489.91                               |
|                | 04/01/05         | 3509.91                       | sheen               | 20.03             | 0.00             | 3489.88                               |
|                | 04/05/05         | 3509.91                       | sheen               | 19.97             | 0.00             | 3489.94                               |
|                | 04/08/05         | 3509.91                       | sheen               | 19.99             | 0.00             | 3489.92                               |
|                | 04/12/05         | 3509.91                       | sheen               | 19.95             | 0.00             | 3489.96                               |
|                | 04/15/05         | 3509.91                       | sheen               | 19.94             | 0.00             | 3489.97                               |
|                | 05/25/05         | 3509.91                       | sheen               | 19.79             | 0.00             | 3490.12                               |
|                | 05/27/05         | 3509.91                       | sheen               | 19.77             | 0.00             | 3490.14                               |
|                | 05/31/05         | 3509.91                       | sheen               | 19.73             | 0.00             | 3490.18                               |
|                | 06/03/05         | 3509.91                       | sheen               | 19.72             | 0.00             | 3490.19                               |
|                | 06/06/05         | 3509.91                       | sheen               | 19.70             | 0.00             | 3490.21                               |
|                | 06/08/05         | 3509.91                       | sheen               | 19.70             | 0.00             | 3490.21                               |
|                | 06/13/05         | 3509.91                       | sheen               | 19.70             | 0.00             | 3490.21                               |
|                | 06/20/05         | 3509.91                       | sheen               | 19.74             | 0.00             | 3490.17                               |
|                | 06/24/05         | 3509.91                       | sheen               | 19.75             | 0.00             | 3490.16                               |
|                | 06/27/05         | 3509.91                       | sheen               | 19.80             | 0.00             | 3490.11                               |
|                | 07/11/05         | 3509.91                       | sheen               | 19.97             | 0.00             | 3489.94                               |
|                | 07/15/05         | 3509.91                       | sheen               | 20.02             | 0.00             | 3489.89                               |
|                | 07/18/05         | 3509.91                       | sheen               | 20.06             | 0.00             | 3489.85                               |
|                | 07/21/05         | 3509.91                       | sheen               | 20.06             | 0.00             | 3489.85                               |
|                | 07/25/05         | 3509.91                       | sheen               | 20.15             | 0.00             | 3489.76                               |
|                | 08/01/05         | 3509.91                       | sheen               | 20.18             | 0.00             | 3489.73                               |
|                | 08/04/05         | 3509.91                       | sheen               | 20.20             | 0.00             | 3489.71                               |
|                | 08/12/05         | 3509.91                       | sheen               | 20.29             | 0.00             | 3489.62                               |
|                | 08/15/05         | 3509.91                       | 20.21               | 20.22             | 0.01             | 3489.70                               |
|                | 08/23/05         | 3509.91                       | sheen               | 20.00             | 0.00             | 3489.91                               |
|                | 08/30/05         | 3509.91                       | sheen               | 19.97             | 0.00             | 3489.94                               |
|                | 09/06/05         | 3509.91                       | 19.90               | 19.91             | 0.01             | 3490.01                               |
|                | 09/13/05         | 3509.91                       | 19.92               | 19.93             | 0.01             | 3489.99                               |
|                | 09/15/05         | 3509.91                       | 19.96               | 19.98             | 0.02             | 3489.95                               |
|                | 09/19/05         | 3509.91                       | sheen               | 19.98             | 0.00             | 3489.93                               |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| MW-10       | 09/27/05      | 3509.91                 | sheen            | 19.97          | 0.00          | 3489.94                         |
|             | 10/03/05      | 3509.91                 | sheen            | 20.06          | 0.00          | 3489.85                         |
|             | 10/08/05      | 3509.91                 | 19.81            | 19.82          | 0.01          | 3490.10                         |
|             | 10/10/05      | 3509.91                 | sheen            | 20.02          | 0.00          | 3489.89                         |
|             | 10/17/05      | 3509.91                 | sheen            | 19.90          | 0.00          | 3490.01                         |
|             | 10/24/05      | 3509.91                 | sheen            | 19.90          | 0.00          | 3490.01                         |
|             | 10/31/05      | 3509.91                 | sheen            | 19.86          | 0.00          | 3490.05                         |
|             | 11/15/05      | 3509.91                 | 19.88            | 19.89          | 0.01          | 3490.03                         |
|             | 11/22/05      | 3509.91                 | 19.83            | 19.84          | 0.01          | 3490.08                         |
|             | 11/27/05      | 3509.91                 | 19.81            | 19.82          | 0.01          | 3490.10                         |
|             | 12/07/05      | 3509.91                 | 19.74            | 19.75          | 0.01          | 3490.17                         |
|             | 12/12/05      | 3509.91                 | 19.72            | 19.80          | 0.08          | 3490.18                         |
|             | 12/16/05      | 3509.91                 | 19.70            | 19.76          | 0.06          | 3490.20                         |
|             | 12/22/05      | 3509.91                 | 19.79            | 19.82          | 0.03          | 3490.12                         |
|             | 12/27/05      | 3509.91                 | 19.77            | 19.78          | 0.01          | 3490.14                         |
| MW-11       | 03/08/05      | 3509.27                 | -                | 19.14          | 0.00          | 3490.13                         |
|             | 06/08/05      | 3509.27                 | -                | 18.63          | 0.00          | 3490.64                         |
|             | 09/15/05      | 3509.27                 | -                | 19.06          | 0.00          | 3490.21                         |
|             | 12/12/05      | 3509.27                 | -                | 18.85          | 0.00          | 3490.42                         |
| MW-12       | 03/08/05      | 3508.63                 | -                | 18.83          | 0.00          | 3489.80                         |
|             | 06/08/05      | 3508.63                 | -                | 18.31          | 0.00          | 3490.32                         |
|             | 09/15/05      | 3508.63                 | -                | 18.64          | 0.00          | 3489.99                         |
|             | 12/12/05      | 3508.63                 | -                | 18.45          | 0.00          | 3490.18                         |
| MW-13       | 03/08/05      | 3507.96                 | -                | 18.38          | 0.00          | 3489.58                         |
|             | 06/08/05      | 3507.96                 | -                | 17.87          | 0.00          | 3490.09                         |
|             | 09/15/05      | 3507.96                 | -                | 18.13          | 0.00          | 3489.83                         |
|             | 12/12/05      | 3507.96                 | -                | 17.96          | 0.00          | 3490.00                         |
| MW-14       | 01/11/05      | 3507.45                 | 18.69            | 20.73          | 2.04          | 3488.45                         |
|             | 01/14/05      | 3507.45                 | 18.93            | 21.00          | 2.07          | 3488.21                         |
|             | 01/18/05      | 3507.45                 | 18.85            | 21.26          | 2.41          | 3488.24                         |
|             | 01/21/05      | 3507.45                 | 18.49            | 20.95          | 2.46          | 3488.59                         |
|             | 01/25/05      | 3507.45                 | 18.44            | 21.26          | 2.82          | 3488.59                         |
|             | 01/28/05      | 3507.45                 | 18.59            | 20.39          | 1.80          | 3488.59                         |
|             | 02/02/05      | 3507.45                 | 18.46            | 21.01          | 2.55          | 3488.61                         |
|             | 02/05/05      | 3507.45                 | 18.88            | 20.27          | 1.39          | 3488.36                         |
|             | 02/08/05      | 3507.45                 | 18.40            | 20.75          | 2.35          | 3488.70                         |
|             | 02/11/05      | 3507.45                 | 18.49            | 20.40          | 1.91          | 3488.67                         |
|             | 02/15/05      | 3507.45                 | 18.40            | 20.60          | 2.20          | 3488.72                         |
|             | 02/18/05      | 3507.45                 | 18.61            | 20.11          | 1.50          | 3488.62                         |
|             | 02/22/05      | 3507.45                 | 18.39            | 20.39          | 2.00          | 3488.76                         |
|             | 02/25/05      | 3507.45                 | 18.38            | 20.11          | 1.73          | 3488.81                         |
|             | 03/01/05      | 3507.45                 | 18.33            | 20.23          | 1.90          | 3488.84                         |
|             | 03/04/05      | 3507.45                 | 18.37            | 19.96          | 1.59          | 3488.84                         |
|             | 03/08/05      | 3507.45                 | 18.31            | 20.11          | 1.80          | 3488.87                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
| MW-14          | 03/08/05         | 3507.45                       | 18.31               | 20.11             | 1.80             | 3488.87                               |
|                | 03/11/05         | 3507.45                       | 18.50               | 19.00             | 0.50             | 3488.88                               |
|                | 03/15/05         | 3507.45                       | 18.43               | 19.11             | 0.68             | 3488.92                               |
|                | 03/18/05         | 3507.45                       | 18.46               | 19.06             | 0.60             | 3488.90                               |
|                | 03/22/05         | 3507.45                       | 18.38               | 18.92             | 0.54             | 3488.99                               |
|                | 03/28/05         | 3507.45                       | 18.29               | 18.98             | 0.69             | 3489.06                               |
|                | 04/01/05         | 3507.45                       | 18.32               | 19.03             | 0.71             | 3489.02                               |
|                | 04/05/05         | 3507.45                       | 18.19               | 19.11             | 0.92             | 3489.12                               |
|                | 04/08/05         | 3507.45                       | 18.14               | 19.04             | 0.90             | 3489.18                               |
|                | 04/15/05         | 3507.45                       | 18.17               | 19.00             | 0.83             | 3489.16                               |
|                | 05/25/05         | 3507.45                       | 17.90               | 19.50             | 1.60             | 3489.31                               |
|                | 05/27/05         | 3507.45                       | 18.22               | 19.06             | 0.84             | 3489.10                               |
|                | 05/31/05         | 3507.45                       | 18.01               | 18.67             | 0.66             | 3489.34                               |
|                | 06/03/05         | 3507.45                       | 17.95               | 18.60             | 0.65             | 3489.40                               |
|                | 06/06/05         | 3507.45                       | 17.94               | 18.44             | 0.50             | 3489.44                               |
|                | 06/08/05         | 3507.45                       | 17.94               | 18.44             | 0.50             | 3489.44                               |
|                | 06/13/05         | 3507.45                       | 17.94               | 18.36             | 0.42             | 3489.45                               |
|                | 06/20/05         | 3507.45                       | 17.95               | 18.55             | 0.60             | 3489.41                               |
|                | 06/24/05         | 3507.45                       | 17.93               | 18.70             | 0.77             | 3489.40                               |
|                | 06/27/05         | 3507.45                       | 17.99               | 18.55             | 0.56             | 3489.38                               |
|                | 07/11/05         | 3507.45                       | 17.97               | 19.31             | 1.34             | 3489.28                               |
|                | 07/15/05         | 3507.45                       | 18.20               | 18.99             | 0.79             | 3489.13                               |
|                | 07/18/05         | 3507.45                       | 18.05               | 19.56             | 1.51             | 3489.17                               |
|                | 07/21/05         | 3507.45                       | 18.25               | 18.95             | 0.70             | 3489.10                               |
|                | 07/25/05         | 3507.45                       | 18.15               | 19.80             | 1.65             | 3489.05                               |
|                | 08/01/05         | 3507.45                       | 18.16               | 19.44             | 1.28             | 3489.10                               |
|                | 08/04/05         | 3507.45                       | 18.39               | 18.81             | 0.42             | 3489.00                               |
|                | 08/12/05         | 3507.45                       | 18.52               | 19.98             | 1.46             | 3488.71                               |
|                | 08/15/05         | 3507.45                       | 18.20               | 19.85             | 1.65             | 3489.00                               |
|                | 08/23/05         | 3507.45                       | 18.08               | 19.15             | 1.07             | 3489.21                               |
|                | 08/30/05         | 3507.45                       | 18.10               | 18.90             | 0.80             | 3489.23                               |
|                | 09/06/05         | 3507.45                       | 17.90               | 19.74             | 1.84             | 3489.27                               |
|                | 09/13/05         | 3507.45                       | 17.90               | 19.90             | 2.00             | 3489.25                               |
|                | 09/15/05         | 3507.45                       | 17.96               | 19.52             | 1.56             | 3489.26                               |
|                | 09/19/05         | 3507.45                       | 17.96               | 18.91             | 0.95             | 3489.35                               |
|                | 09/27/05         | 3507.45                       | 17.90               | 20.20             | 2.30             | 3489.21                               |
|                | 10/03/05         | 3507.45                       | 18.29               | 19.10             | 0.81             | 3489.04                               |
|                | 10/08/05         | 3507.45                       | 18.81               | 19.69             | 0.88             | 3488.51                               |
|                | 10/10/05         | 3507.45                       | 17.97               | 19.80             | 1.83             | 3489.21                               |
|                | 10/17/05         | 3507.45                       | 17.82               | 20.21             | 2.39             | 3489.27                               |
|                | 10/24/05         | 3507.45                       | 17.95               | 20.05             | 2.10             | 3489.19                               |
|                | 10/31/05         | 3507.45                       | 18.05               | 19.82             | 1.77             | 3489.13                               |
|                | 11/15/05         | 3507.45                       | 17.90               | 19.90             | 2.00             | 3489.25                               |
|                | 11/22/05         | 3507.45                       | 17.90               | 19.23             | 1.33             | 3489.35                               |
|                | 11/27/05         | 3507.45                       | 17.92               | 18.80             | 0.88             | 3489.40                               |
|                | 12/07/05         | 3507.45                       | 17.93               | 18.68             | 0.75             | 3489.41                               |
|                | 12/12/05         | 3507.45                       | 17.89               | 18.96             | 1.07             | 3489.40                               |
|                | 12/16/05         | 3507.45                       | 17.80               | 19.00             | 1.20             | 3489.47                               |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
| MW-14          | 12/22/05         | 3507.45                       | 17.99               | 19.00             | 1.01             | 3489.31                               |
|                | 12/27/05         | 3507.45                       | 17.90               | 18.82             | 0.92             | 3489.41                               |
| MW-15          | 01/11/05         | 3506.48                       | 17.60               | 19.72             | 2.12             | 3488.56                               |
|                | 01/14/05         | 3506.48                       | 17.80               | 19.72             | 1.92             | 3488.39                               |
|                | 01/18/05         | 3506.48                       | 17.68               | 19.37             | 1.69             | 3488.55                               |
|                | 01/21/05         | 3506.48                       | 17.70               | 18.61             | 0.91             | 3488.64                               |
|                | 01/25/05         | 3506.48                       | 17.68               | 18.80             | 1.12             | 3488.63                               |
|                | 01/28/05         | 3506.48                       | 17.81               | 18.49             | 0.68             | 3488.57                               |
|                | 02/02/05         | 3506.48                       | 17.89               | 18.61             | 0.72             | 3488.48                               |
|                | 02/05/05         | 3506.48                       | 17.99               | 18.31             | 0.32             | 3488.44                               |
|                | 02/08/05         | 3506.48                       | 17.61               | 18.53             | 0.92             | 3488.73                               |
|                | 02/11/05         | 3506.48                       | 17.63               | 18.19             | 0.56             | 3488.77                               |
|                | 02/15/05         | 3506.48                       | 17.59               | 18.34             | 0.75             | 3488.78                               |
|                | 02/18/05         | 3506.48                       | 17.69               | 18.30             | 0.61             | 3488.70                               |
|                | 02/22/05         | 3506.48                       | 17.56               | 18.30             | 0.74             | 3488.81                               |
|                | 02/25/05         | 3506.48                       | 17.55               | 18.15             | 0.60             | 3488.84                               |
|                | 03/01/05         | 3506.48                       | 17.50               | 18.24             | 0.74             | 3488.87                               |
|                | 03/04/05         | 3506.48                       | 17.51               | 18.10             | 0.59             | 3488.88                               |
|                | 03/08/05         | 3506.48                       | 17.49               | 18.13             | 0.64             | 3488.89                               |
|                | 03/08/05         | 3506.48                       | 17.49               | 18.13             | 0.64             | 3488.89                               |
|                | 03/11/05         | 3506.48                       | 17.59               | 18.08             | 0.49             | 3488.82                               |
|                | 03/15/05         | 3506.48                       | 17.50               | 18.05             | 0.55             | 3488.90                               |
|                | 03/18/05         | 3506.48                       | 17.51               | 18.03             | 0.52             | 3488.89                               |
|                | 03/22/05         | 3506.48                       | 18.40               | 19.15             | 0.75             | 3487.97                               |
|                | 03/28/05         | 3506.48                       | 18.34               | 19.19             | 0.85             | 3488.01                               |
|                | 04/01/05         | 3506.48                       | 18.38               | 19.18             | 0.80             | 3487.98                               |
|                | 04/05/05         | 3506.48                       | 17.29               | 18.21             | 0.92             | 3489.05                               |
|                | 04/08/05         | 3506.48                       | 17.24               | 18.12             | 0.88             | 3489.11                               |
|                | 04/15/05         | 3506.48                       | 17.28               | 18.09             | 0.81             | 3489.08                               |
|                | 05/25/05         | 3506.48                       | 17.10               | 17.90             | 0.80             | 3489.26                               |
|                | 05/27/05         | 3506.48                       | 17.09               | 17.81             | 0.72             | 3489.28                               |
|                | 05/31/05         | 3506.48                       | 17.08               | 17.68             | 0.60             | 3489.31                               |
|                | 06/03/05         | 3506.48                       | 17.03               | 17.69             | 0.66             | 3489.35                               |
|                | 06/06/05         | 3506.48                       | 17.07               | 17.56             | 0.49             | 3489.34                               |
|                | 06/08/05         | 3506.48                       | 17.01               | 17.58             | 0.57             | 3489.38                               |
|                | 06/13/05         | 3506.48                       | 17.02               | 17.53             | 0.51             | 3489.38                               |
|                | 06/20/05         | 3506.48                       | 17.10               | 17.63             | 0.53             | 3489.30                               |
|                | 06/24/05         | 3506.48                       | 17.03               | 17.77             | 0.74             | 3489.34                               |
|                | 06/27/05         | 3506.48                       | 17.13               | 17.62             | 0.49             | 3489.28                               |
|                | 07/11/05         | 3506.48                       | 17.12               | 17.78             | 0.66             | 3489.26                               |
|                | 07/15/05         | 3506.48                       | 17.18               | 17.90             | 0.72             | 3489.19                               |
|                | 07/18/05         | 3506.48                       | 17.19               | 18.19             | 1.00             | 3489.14                               |
|                | 07/21/05         | 3506.48                       | 17.30               | 17.70             | 0.40             | 3489.12                               |
|                | 07/25/05         | 3506.48                       | 17.29               | 18.08             | 0.79             | 3489.07                               |
|                | 08/01/05         | 3506.48                       | 17.33               | 17.94             | 0.61             | 3489.06                               |
|                | 08/04/05         | 3506.48                       | 17.39               | 17.85             | 0.46             | 3489.02                               |
|                | 08/12/05         | 3506.48                       | 17.53               | 17.72             | 0.19             | 3488.92                               |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| MW-15       | 08/15/05      | 3506.48                 | 17.30            | 17.93          | 0.63          | 3489.09                         |
|             | 08/23/05      | 3506.48                 | 17.18            | 17.81          | 0.63          | 3489.21                         |
|             | 08/30/05      | 3506.48                 | 17.13            | 17.90          | 0.77          | 3489.23                         |
|             | 09/06/05      | 3506.48                 | 17.11            | 17.92          | 0.81          | 3489.25                         |
|             | 09/13/05      | 3506.48                 | 17.08            | 18.08          | 1.00          | 3489.25                         |
|             | 09/15/05      | 3506.48                 | 17.18            | 17.87          | 0.69          | 3489.20                         |
|             | 09/19/05      | 3506.48                 | 17.12            | 17.77          | 0.65          | 3489.26                         |
|             | 09/27/05      | 3506.48                 | 17.10            | 18.08          | 0.98          | 3489.23                         |
|             | 10/03/05      | 3506.48                 | 17.20            | 17.94          | 0.74          | 3489.17                         |
|             | 10/08/05      | 3506.48                 | 16.98            | 17.59          | 0.61          | 3489.41                         |
|             | 10/10/05      | 3506.48                 | 17.10            | 18.21          | 1.11          | 3489.21                         |
|             | 10/17/05      | 3506.48                 | 17.09            | 17.70          | 0.61          | 3489.30                         |
|             | 10/24/05      | 3506.48                 | 17.11            | 17.68          | 0.57          | 3489.28                         |
|             | 10/31/05      | 3506.48                 | 17.02            | 17.88          | 0.86          | 3489.33                         |
|             | 11/15/05      | 3506.48                 | 17.05            | 17.91          | 0.86          | 3489.30                         |
|             | 11/22/05      | 3506.48                 | 17.03            | 17.65          | 0.62          | 3489.36                         |
|             | 11/27/05      | 3506.48                 | 17.05            | 17.73          | 0.68          | 3489.33                         |
|             | 12/07/05      | 3506.48                 | 17.08            | 17.47          | 0.39          | 3489.34                         |
|             | 12/12/05      | 3506.48                 | 17.04            | 17.50          | 0.46          | 3489.37                         |
|             | 12/16/05      | 3506.48                 | 17.00            | 17.46          | 0.46          | 3489.41                         |
|             | 12/22/05      | 3506.48                 | 17.05            | 17.91          | 0.86          | 3489.30                         |
|             | 12/27/05      | 3506.48                 | 17.00            | 17.69          | 0.69          | 3489.38                         |
|             |               |                         |                  |                |               |                                 |
| MW-16       | 03/08/05      | 3509.38                 | -                | 19.73          | 0.00          | 3489.65                         |
|             | 06/08/05      | 3509.38                 | -                | 19.27          | 0.00          | 3490.11                         |
|             | 09/15/05      | 3509.38                 | -                | 19.56          | 0.00          | 3489.82                         |
|             | 12/12/05      | 3509.38                 | -                | 19.37          | 0.00          | 3490.01                         |
|             |               |                         |                  |                |               |                                 |
| MW-17       | 03/08/05      | 3507.56                 | -                | 18.74          | 0.00          | 3488.82                         |
|             | 06/08/05      | 3507.56                 | -                | 18.28          | 0.00          | 3489.28                         |
|             | 09/15/05      | 3507.56                 | -                | 18.43          | 0.00          | 3489.13                         |
|             | 12/12/05      | 3507.56                 | -                | 18.28          | 0.00          | 3489.28                         |
|             |               |                         |                  |                |               |                                 |
| MW-18       | 03/08/05      | 3509.12                 | -                | 20.12          | 0.00          | 3489.00                         |
|             | 06/08/05      | 3509.12                 | -                | 19.62          | 0.00          | 3489.50                         |
|             | 09/15/05      | 3509.12                 | -                | 19.79          | 0.00          | 3489.33                         |
|             | 12/12/05      | 3509.12                 | -                | 19.62          | 0.00          | 3489.50                         |
|             |               |                         |                  |                |               |                                 |
| MW-19       | 01/11/05      | 3507.28                 | 18.76            | 19.40          | 0.64          | 3488.42                         |
|             | 01/14/05      | 3507.28                 | 18.82            | 19.67          | 0.85          | 3488.33                         |
|             | 01/18/05      | 3507.28                 | 18.74            | 19.81          | 1.07          | 3488.38                         |
|             | 01/21/05      | 3507.28                 | 18.72            | 19.43          | 0.71          | 3488.45                         |
|             | 01/25/05      | 3507.28                 | 18.69            | 19.60          | 0.91          | 3488.45                         |
|             | 01/28/05      | 3507.28                 | 18.90            | 19.39          | 0.49          | 3488.31                         |
|             | 02/02/05      | 3507.28                 | 18.67            | 19.55          | 0.88          | 3488.48                         |
|             | 02/05/05      | 3507.28                 | 18.90            | 19.14          | 0.24          | 3488.34                         |
|             | 02/08/05      | 3507.28                 | 18.65            | 19.45          | 0.80          | 3488.51                         |
|             | 02/11/05      | 3507.28                 | 18.67            | 19.21          | 0.54          | 3488.53                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| MW-19       | 02/15/05      | 3507.28                 | 18.61            | 19.25          | 0.64          | 3488.57                         |
|             | 02/18/05      | 3507.28                 | 18.80            | 19.20          | 0.40          | 3488.42                         |
|             | 02/22/05      | 3507.28                 | 18.59            | 19.19          | 0.60          | 3488.60                         |
|             | 02/25/05      | 3507.28                 | 18.59            | 19.09          | 0.50          | 3488.62                         |
|             | 03/01/05      | 3507.28                 | 18.55            | 19.12          | 0.57          | 3488.64                         |
|             | 03/04/05      | 3507.28                 | 18.57            | 19.03          | 0.46          | 3488.64                         |
|             | 03/08/05      | 3507.28                 | 18.51            | 19.04          | 0.53          | 3488.69                         |
|             | 03/08/05      | 3507.28                 | 18.51            | 19.04          | 0.53          | 3488.69                         |
|             | 03/11/05      | 3507.28                 | 18.56            | 19.05          | 0.49          | 3488.65                         |
|             | 03/15/05      | 3507.28                 | 18.49            | 19.02          | 0.53          | 3488.71                         |
|             | 03/18/05      | 3507.28                 | 18.52            | 19.00          | 0.48          | 3488.69                         |
|             | 03/22/05      | 3507.28                 | 18.44            | 19.02          | 0.58          | 3488.75                         |
|             | 03/28/05      | 3507.28                 | 18.40            | 18.82          | 0.42          | 3488.82                         |
|             | 04/01/05      | 3507.28                 | 18.43            | 18.91          | 0.48          | 3488.78                         |
|             | 04/05/05      | 3507.28                 | 17.37            | 17.98          | 0.61          | 3489.82                         |
|             | 04/08/05      | 3507.28                 | 17.39            | 17.80          | 0.41          | 3489.83                         |
|             | 04/15/05      | 3507.28                 | 18.31            | 18.75          | 0.44          | 3488.90                         |
|             | 05/25/05      | 3507.28                 | 18.14            | 18.56          | 0.42          | 3489.08                         |
|             | 05/27/05      | 3507.28                 | 18.20            | 18.53          | 0.33          | 3489.03                         |
|             | 05/31/05      | 3507.28                 | 18.15            | 18.20          | 0.05          | 3489.12                         |
|             | 06/03/05      | 3507.28                 | sheen            | 18.15          | 0.00          | 3489.13                         |
|             | 06/06/05      | 3507.28                 | sheen            | 18.14          | 0.00          | 3489.14                         |
|             | 06/08/05      | 3507.28                 |                  | 18.12          | 0.00          | 3489.16                         |
|             | 06/13/05      | 3507.28                 | sheen            | 18.10          | 0.00          | 3489.18                         |
|             | 06/20/05      | 3507.28                 | sheen            | 18.14          | 0.00          | 3489.14                         |
|             | 06/24/05      | 3507.28                 | 18.06            | 18.11          | 0.05          | 3489.21                         |
|             | 06/27/05      | 3507.28                 | 18.11            | 18.13          | 0.02          | 3489.17                         |
|             | 07/11/05      | 3507.28                 | 18.18            | 18.25          | 0.07          | 3489.09                         |
|             | 07/15/05      | 3507.28                 | 18.25            | 18.35          | 0.10          | 3489.02                         |
|             | 07/18/05      | 3507.28                 | 18.27            | 18.37          | 0.10          | 3489.00                         |
|             | 07/21/05      | 3507.28                 | 18.24            | 18.39          | 0.15          | 3489.02                         |
|             | 07/25/05      | 3507.28                 | 18.33            | 18.60          | 0.27          | 3488.91                         |
|             | 08/01/05      | 3507.28                 | 18.33            | 18.73          | 0.40          | 3488.89                         |
|             | 08/04/05      | 3507.28                 | 18.45            | 18.60          | 0.15          | 3488.81                         |
|             | 08/12/05      | 3507.28                 | 18.40            | 18.92          | 0.52          | 3488.80                         |
|             | 08/15/05      | 3507.28                 | 18.51            | 18.89          | 0.38          | 3488.71                         |
|             | 08/23/05      | 3507.28                 | 18.27            | 18.53          | 0.26          | 3488.97                         |
|             | 08/30/05      | 3507.28                 | 18.29            | 18.41          | 0.12          | 3488.97                         |
|             | 09/06/05      | 3507.28                 | 18.20            | 18.33          | 0.13          | 3489.06                         |
|             | 09/13/05      | 3507.28                 | 18.23            | 18.31          | 0.08          | 3489.04                         |
|             | 09/15/05      | 3507.28                 | 18.20            | 18.30          | 0.10          | 3489.07                         |
|             | 09/19/05      | 3507.28                 | 18.16            | 18.35          | 0.19          | 3489.09                         |
|             | 09/27/05      | 3507.28                 | 18.17            | 18.25          | 0.08          | 3489.10                         |
|             | 10/03/05      | 3507.28                 | 18.17            | 18.33          | 0.16          | 3489.09                         |
|             | 10/08/05      | 3507.28                 | 18.03            | 18.07          | 0.04          | 3489.24                         |
|             | 10/10/05      | 3507.28                 | 18.20            | 18.40          | 0.20          | 3489.05                         |
|             | 10/17/05      | 3507.28                 | 18.17            | 18.25          | 0.08          | 3489.10                         |
|             | 10/24/05      | 3507.28                 | 18.10            | 18.30          | 0.20          | 3489.15                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| MW-19       | 10/31/05      | 3507.28                 | 18.02            | 18.22          | 0.20          | 3489.23                         |
|             | 11/15/05      | 3507.28                 | 18.12            | 18.32          | 0.20          | 3489.13                         |
|             | 11/22/05      | 3507.28                 | 18.05            | 18.25          | 0.20          | 3489.20                         |
|             | 11/27/05      | 3507.28                 | 18.04            | 18.23          | 0.19          | 3489.21                         |
|             | 12/07/05      | 3507.28                 | 18.08            | 18.18          | 0.10          | 3489.19                         |
|             | 12/12/05      | 3507.28                 | 18.03            | 18.21          | 0.18          | 3489.22                         |
|             | 12/16/05      | 3507.28                 | 18.11            | 18.21          | 0.10          | 3489.16                         |
|             | 12/22/05      | 3507.28                 | 18.06            | 18.24          | 0.18          | 3489.19                         |
|             | 12/27/05      | 3507.28                 | 18.01            | 18.25          | 0.24          | 3489.23                         |
|             |               |                         |                  |                |               |                                 |
| MW-20       | 03/08/05      | 3508.43                 | -                | 20.00          | 0.00          | 3488.43                         |
|             | 06/08/05      | 3508.43                 | -                | 19.52          | 0.00          | 3488.91                         |
|             | 09/15/05      | 3508.43                 | -                | 19.65          | 0.00          | 3488.78                         |
|             | 12/12/05      | 3508.43                 | -                | 19.51          | 0.00          | 3488.92                         |
| MW-21       | 03/08/05      | 3506.98                 | -                | 18.94          | 0.00          | 3488.04                         |
|             | 06/08/05      | 3506.98                 | -                | 18.48          | 0.00          | 3488.50                         |
|             | 09/15/05      | 3506.98                 | -                | 18.63          | 0.00          | 3488.35                         |
|             | 12/12/05      | 3506.98                 | -                | 18.47          | 0.00          | 3488.51                         |
| MW-22       | 03/08/05      | 3505.61                 | -                | 18.00          | 0.00          | 3487.61                         |
|             | 06/08/05      | 3505.61                 | -                | 17.52          | 0.00          | 3488.09                         |
|             | 09/15/05      | 3505.61                 | -                | 17.70          | 0.00          | 3487.91                         |
|             | 12/12/05      | 3505.61                 | -                | 17.49          | 0.00          | 3488.12                         |
| MW-23       | 03/08/05      | 3509.79                 | -                | 21.67          | 0.00          | 3488.12                         |
|             | 06/08/05      | 3509.79                 | -                | 21.18          | 0.00          | 3488.61                         |
|             | 09/15/05      | 3509.79                 | -                | 21.32          | 0.00          | 3488.47                         |
|             | 12/12/05      | 3509.79                 | -                | 21.13          | 0.00          | 3488.66                         |
| MW-24       | 03/08/05      | 3509.68                 | -                | 21.94          | 0.00          | 3487.74                         |
|             | 06/08/05      | 3509.68                 | -                | 21.45          | 0.00          | 3488.23                         |
|             | 09/15/05      | 3509.68                 | -                | 21.59          | 0.00          | 3488.09                         |
|             | 12/12/05      | 3509.68                 | -                | 21.42          | 0.00          | 3488.26                         |
| MW-25       | 03/08/05      | 3509.65                 | -                | 21.28          | 0.00          | 3488.37                         |
|             | 06/08/05      | 3509.65                 | -                | 20.77          | 0.00          | 3488.88                         |
|             | 09/15/05      | 3509.65                 | -                | 20.91          | 0.00          | 3488.74                         |
|             | 12/12/05      | 3509.65                 | -                | 20.73          | 0.00          | 3488.92                         |
| MW-26       | 03/08/05      | 3507.49                 | -                | 18.96          | 0.00          | 3488.53                         |
|             | 06/08/05      | 3507.49                 | -                | 18.51          | 0.00          | 3488.98                         |
|             | 09/15/05      | 3507.49                 | -                | 18.63          | 0.00          | 3488.86                         |
|             | 12/12/05      | 3507.49                 | -                | 18.47          | 0.00          | 3489.02                         |
| MW-27       | 03/08/05      | 3507.66                 | -                | 19.43          | 0.00          | 3488.23                         |
|             | 06/08/05      | 3507.66                 | -                | 18.95          | 0.00          | 3488.71                         |
|             | 09/15/05      | 3507.66                 | -                | 19.08          | 0.00          | 3488.58                         |

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| MW-27       | 12/12/05      | 3507.66                 | -                | 18.92          | 0.00          | 3488.74                         |
| MW-28       | 03/08/05      | 3508.37                 | -                | 19.89          | 0.00          | 3488.48                         |
|             | 06/08/05      | 3508.37                 | -                | 19.41          | 0.00          | 3488.96                         |
|             | 09/15/05      | 3508.37                 | -                | 19.54          | 0.00          | 3488.83                         |
|             | 12/12/05      | 3508.37                 | -                | 19.40          | 0.00          | 3488.97                         |
| RW-1        | 03/08/05      | 3507.27                 | 18.04            | 18.80          | 0.76          | 3489.12                         |
|             | 06/08/05      | 3507.27                 | float in well    |                |               |                                 |
|             | 09/15/05      | 3507.27                 | 17.78            | 19.10          | 1.32          | 3489.29                         |
|             | 12/12/05      | 3507.27                 | 17.64            | 21.64          | 4.00          | 3489.03                         |
| RW-2        | 01/11/05      | 3507.45                 | sheen            | 18.69          | 0.00          | 3488.76                         |
|             | 01/14/05      | 3507.45                 | sheen            | 18.65          | 0.00          | 3488.80                         |
|             | 01/18/05      | 3507.45                 | sheen            | 18.69          | 0.00          | 3488.76                         |
|             | 01/21/05      | 3507.45                 | sheen            | 18.64          | 0.00          | 3488.81                         |
|             | 01/25/05      | 3507.45                 | sheen            | 18.60          | 0.00          | 3488.85                         |
|             | 01/28/05      | 3507.45                 | sheen            | 18.55          | 0.00          | 3488.90                         |
|             | 02/02/05      | 3507.45                 | sheen            | 18.53          | 0.00          | 3488.92                         |
|             | 02/05/05      | 3507.45                 | sheen            | 18.50          | 0.00          | 3488.95                         |
|             | 02/08/05      | 3507.45                 | sheen            | 18.47          | 0.00          | 3488.98                         |
|             | 02/11/05      | 3507.45                 | sheen            | 18.50          | 0.00          | 3488.95                         |
|             | 02/15/05      | 3507.45                 | sheen            | 18.66          | 0.00          | 3488.79                         |
|             | 02/18/05      | 3507.45                 | sheen            | 18.64          | 0.00          | 3488.81                         |
|             | 02/22/05      | 3507.45                 | sheen            | 18.42          | 0.00          | 3489.03                         |
|             | 02/25/05      | 3507.45                 | sheen            | 18.49          | 0.00          | 3488.96                         |
|             | 03/01/05      | 3507.45                 | sheen            | 18.43          | 0.00          | 3489.02                         |
|             | 03/04/05      | 3507.45                 | sheen            | 18.35          | 0.00          | 3489.10                         |
|             | 03/08/05      | 3507.45                 | -                | 18.33          | 0.00          | 3489.12                         |
|             | 03/08/05      | 3507.45                 | sheen            | 18.33          | 0.00          | 3489.12                         |
|             | 03/11/05      | 3507.45                 | sheen            | 18.36          | 0.00          | 3489.09                         |
|             | 03/15/05      | 3507.45                 | sheen            | 18.31          | 0.00          | 3489.14                         |
|             | 03/18/05      | 3507.45                 | sheen            | 18.30          | 0.00          | 3489.15                         |
|             | 03/22/05      | 3507.45                 | sheen            | 18.21          | 0.00          | 3489.24                         |
|             | 03/28/05      | 3507.45                 | sheen            | 18.25          | 0.00          | 3489.20                         |
|             | 04/01/05      | 3507.45                 | sheen            | 18.26          | 0.00          | 3489.19                         |
|             | 04/05/05      | 3507.45                 | sheen            | 18.15          | 0.00          | 3489.30                         |
|             | 04/08/05      | 3507.45                 | sheen            | 18.18          | 0.00          | 3489.27                         |
|             | 04/12/05      | 3507.45                 | sheen            | 18.18          | 0.00          | 3489.27                         |
|             | 04/15/05      | 3507.45                 | sheen            | 18.16          | 0.00          | 3489.29                         |
|             | 05/25/05      | 3507.45                 | sheen            | 18.00          | 0.00          | 3489.45                         |
|             | 05/27/05      | 3507.45                 | sheen            | 17.98          | 0.00          | 3489.47                         |
|             | 05/31/05      | 3507.45                 | sheen            | 17.89          | 0.00          | 3489.56                         |
|             | 06/03/05      | 3507.45                 | sheen            | 17.88          | 0.00          | 3489.57                         |
|             | 06/06/05      | 3507.45                 | sheen            | 17.86          | 0.00          | 3489.59                         |
|             | 06/08/05      | 3507.45                 | sheen            | 17.86          | 0.00          | 3489.59                         |
|             | 06/13/05      | 3507.45                 | sheen            | 17.86          | 0.00          | 3489.59                         |
|             | 06/20/05      | 3507.45                 | sheen            | 17.89          | 0.00          | 3489.56                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| RW-2        | 06/24/05      | 3507.45                 | sheen            | 17.96          | 0.00          | 3489.49                         |
|             | 06/27/05      | 3507.45                 | sheen            | 17.89          | 0.00          | 3489.56                         |
|             | 07/11/05      | 3507.45                 | 17.91            | 17.92          | 0.01          | 3489.54                         |
|             | 07/15/05      | 3507.45                 | sheen            | 17.95          | 0.00          | 3489.50                         |
|             | 07/18/05      | 3507.45                 | sheen            | 18.10          | 0.00          | 3489.35                         |
|             | 07/21/05      | 3507.45                 | sheen            | 18.13          | 0.00          | 3489.32                         |
|             | 07/25/05      | 3507.45                 | sheen            | 18.24          | 0.00          | 3489.21                         |
|             | 08/01/05      | 3507.45                 | sheen            | 18.13          | 0.00          | 3489.32                         |
|             | 08/04/05      | 3507.45                 | sheen            | 18.15          | 0.00          | 3489.30                         |
|             | 08/12/05      | 3507.45                 | sheen            | 18.26          | 0.00          | 3489.19                         |
|             | 08/23/05      | 3507.45                 | 17.97            | 18.03          | 0.06          | 3489.47                         |
|             | 08/30/05      | 3507.45                 | 17.95            | 18.00          | 0.05          | 3489.49                         |
|             | 09/15/05      | 3507.45                 | 17.99            | 18.11          | 0.12          | 3489.44                         |
|             | 09/19/05      | 3507.45                 | 17.98            | 18.13          | 0.15          | 3489.45                         |
|             | 09/27/05      | 3507.45                 | 17.96            | 18.13          | 0.17          | 3489.46                         |
|             | 10/03/05      | 3507.45                 | 17.99            | 18.20          | 0.21          | 3489.43                         |
|             | 10/10/05      | 3507.45                 | 18.00            | 18.17          | 0.17          | 3489.42                         |
|             | 10/17/05      | 3507.45                 | 17.89            | 18.00          | 0.11          | 3489.54                         |
|             | 10/24/05      | 3507.45                 | 17.86            | 17.97          | 0.11          | 3489.57                         |
|             | 11/15/05      | 3507.45                 | 17.95            | 18.04          | 0.09          | 3489.49                         |
|             | 11/22/05      | 3507.45                 | 17.86            | 18.08          | 0.22          | 3489.56                         |
|             | 12/12/05      | 3507.45                 | 17.78            | 17.91          | 0.13          | 3489.65                         |
|             | 12/16/05      | 3507.45                 | 17.78            | 17.90          | 0.12          | 3489.65                         |
|             | 12/22/05      | 3507.45                 | 17.81            | 17.93          | 0.12          | 3489.62                         |
|             | 12/27/05      | 3507.45                 | 17.82            | 18.03          | 0.21          | 3489.60                         |
|             |               |                         |                  |                |               |                                 |
| RW-3        | 01/11/05      | 3507.89                 | sheen            | 18.95          | 0.00          | 3488.94                         |
|             | 01/14/05      | 3507.89                 | sheen            | 18.94          | 0.00          | 3488.95                         |
|             | 01/18/05      | 3507.89                 | sheen            | 18.93          | 0.00          | 3488.96                         |
|             | 01/21/05      | 3507.89                 | sheen            | 18.90          | 0.00          | 3488.99                         |
|             | 01/25/05      | 3507.89                 | sheen            | 18.88          | 0.00          | 3489.01                         |
|             | 01/28/05      | 3507.89                 | sheen            | 18.91          | 0.00          | 3488.98                         |
|             | 02/02/05      | 3507.89                 | sheen            | 18.80          | 0.00          | 3489.09                         |
|             | 02/05/05      | 3507.89                 | sheen            | 18.74          | 0.00          | 3489.15                         |
|             | 02/08/05      | 3507.89                 | sheen            | 18.75          | 0.00          | 3489.14                         |
|             | 02/11/05      | 3507.89                 | sheen            | 18.76          | 0.00          | 3489.13                         |
|             | 02/15/05      | 3507.89                 | sheen            | 18.74          | 0.00          | 3489.15                         |
|             | 02/18/05      | 3507.89                 | sheen            | 18.71          | 0.00          | 3489.18                         |
|             | 02/22/05      | 3507.89                 | sheen            | 18.68          | 0.00          | 3489.21                         |
|             | 02/25/05      | 3507.89                 | sheen            | 18.75          | 0.00          | 3489.14                         |
|             | 03/01/05      | 3507.89                 | sheen            | 18.68          | 0.00          | 3489.21                         |
|             | 03/04/05      | 3507.89                 | sheen            | 18.65          | 0.00          | 3489.24                         |
|             | 03/08/05      | 3507.89                 | sheen            | 18.60          | 0.00          | 3489.29                         |
|             | 03/08/05      | 3507.89                 | sheen            | 18.60          | 0.00          | 3489.29                         |
|             | 03/11/05      | 3507.89                 | sheen            | 18.62          | 0.00          | 3489.27                         |
|             | 03/15/05      | 3507.89                 | sheen            | 18.59          | 0.00          | 3489.30                         |
|             | 03/18/05      | 3507.89                 | sheen            | 18.60          | 0.00          | 3489.29                         |
|             | 03/22/05      | 3507.89                 | sheen            | 18.54          | 0.00          | 3489.35                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| RW-3        | 03/28/05      | 3507.89                 | sheen            | 18.46          | 0.00          | 3489.43                         |
|             | 04/01/05      | 3507.89                 | sheen            | 18.49          | 0.00          | 3489.40                         |
|             | 04/05/05      | 3507.89                 | sheen            | 18.43          | 0.00          | 3489.46                         |
|             | 04/08/05      | 3507.89                 | sheen            | 18.45          | 0.00          | 3489.44                         |
|             | 04/12/05      | 3507.89                 | sheen            | 18.43          | 0.00          | 3489.46                         |
|             | 04/15/05      | 3507.89                 | sheen            | 18.41          | 0.00          | 3489.48                         |
|             | 05/25/05      | 3507.89                 | sheen            | 18.79          | 0.00          | 3489.10                         |
|             | 05/27/05      | 3507.89                 | sheen            | 18.79          | 0.00          | 3489.10                         |
|             | 05/31/05      | 3507.89                 | sheen            | 18.15          | 0.00          | 3489.74                         |
|             | 06/03/05      | 3507.89                 | sheen            | 18.14          | 0.00          | 3489.75                         |
|             | 06/06/05      | 3507.89                 | sheen            | 18.13          | 0.00          | 3489.76                         |
|             | 06/08/05      | 3507.89                 | sheen            | 18.13          | 0.00          | 3489.76                         |
|             | 06/13/05      | 3507.89                 | sheen            | 18.14          | 0.00          | 3489.75                         |
|             | 06/20/05      | 3507.89                 | sheen            | 18.18          | 0.00          | 3489.71                         |
|             | 06/24/05      | 3507.89                 | sheen            | 18.19          | 0.00          | 3489.70                         |
|             | 06/27/05      | 3507.89                 | sheen            | 18.21          | 0.00          | 3489.68                         |
|             | 07/11/05      | 3507.89                 | sheen            | 17.83          | 0.00          | 3490.06                         |
|             | 07/15/05      | 3507.89                 | sheen            | 17.87          | 0.00          | 3490.02                         |
|             | 07/18/05      | 3507.89                 | sheen            | 18.37          | 0.00          | 3489.52                         |
|             | 07/21/05      | 3507.89                 | sheen            | 18.40          | 0.00          | 3489.49                         |
|             | 07/25/05      | 3507.89                 | sheen            | 18.49          | 0.00          | 3489.40                         |
|             | 08/01/05      | 3507.89                 | sheen            | 18.51          | 0.00          | 3489.38                         |
|             | 08/04/05      | 3507.89                 | sheen            | 18.53          | 0.00          | 3489.36                         |
|             | 08/12/05      | 3507.89                 | sheen            | 18.61          | 0.00          | 3489.28                         |
|             | 08/15/05      | 3507.89                 | 18.48            | 18.49          | 0.01          | 3489.41                         |
|             | 08/23/05      | 3507.89                 | sheen            | 18.30          | 0.00          | 3489.59                         |
|             | 08/30/05      | 3507.89                 | sheen            | 18.25          | 0.00          | 3489.64                         |
|             | 09/06/05      | 3507.89                 | 18.27            | 18.28          | 0.01          | 3489.62                         |
|             | 09/13/05      | 3507.89                 | 18.26            | 18.28          | 0.02          | 3489.63                         |
|             | 09/15/05      | 3507.89                 | 18.29            | 18.30          | 0.01          | 3489.60                         |
|             | 09/19/05      | 3507.89                 | 18.28            | 18.29          | 0.01          | 3489.61                         |
|             | 09/27/05      | 3507.89                 | 18.26            | 18.27          | 0.01          | 3489.63                         |
|             | 10/03/05      | 3507.89                 | 18.28            | 18.30          | 0.02          | 3489.61                         |
|             | 10/08/05      | 3507.89                 | sheen            | 18.39          | 0.00          | 3489.50                         |
|             | 10/10/05      | 3507.89                 | 18.30            | 18.31          | 0.01          | 3489.59                         |
|             | 10/17/05      | 3507.89                 | sheen            | 18.17          | 0.00          | 3489.72                         |
|             | 10/24/05      | 3507.89                 | 18.19            | 18.20          | 0.01          | 3489.70                         |
|             | 10/31/05      | 3507.89                 | sheen            | 18.22          | 0.00          | 3489.67                         |
|             | 11/15/05      | 3507.89                 | sheen            | 18.21          | 0.00          | 3489.68                         |
|             | 11/22/05      | 3507.89                 | sheen            | 18.15          | 0.00          | 3489.74                         |
|             | 11/27/05      | 3507.89                 | 18.18            | 18.19          | 0.01          | 3489.71                         |
|             | 12/07/05      | 3507.89                 | 18.15            | 18.16          | 0.01          | 3489.74                         |
|             | 12/12/05      | 3507.89                 | 18.13            | 18.17          | 0.04          | 3489.75                         |
|             | 12/16/05      | 3507.89                 | 18.11            | 18.20          | 0.09          | 3489.77                         |
|             | 12/22/05      | 3507.89                 | 18.13            | 18.22          | 0.09          | 3489.75                         |
|             | 12/27/05      | 3507.89                 | 18.12            | 18.13          | 0.01          | 3489.77                         |
| RW-4        | 01/11/05      | 3507.22                 | sheen            | 18.17          | 0.00          | 3489.05                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| RW-4        | 01/14/05      | 3507.22                 | sheen            | 18.15          | 0.00          | 3489.07                         |
|             | 01/21/05      | 3507.22                 | sheen            | 18.14          | 0.00          | 3489.08                         |
|             | 01/25/05      | 3507.22                 | sheen            | 18.08          | 0.00          | 3489.14                         |
|             | 01/28/05      | 3507.22                 | sheen            | 18.14          | 0.00          | 3489.08                         |
|             | 02/02/05      | 3507.22                 | sheen            | 18.04          | 0.00          | 3489.18                         |
|             | 02/05/05      | 3507.22                 | sheen            | 17.95          | 0.00          | 3489.27                         |
|             | 02/08/05      | 3507.22                 | sheen            | 18.00          | 0.00          | 3489.22                         |
|             | 02/11/05      | 3507.22                 | sheen            | 18.02          | 0.00          | 3489.20                         |
|             | 02/15/05      | 3507.22                 | sheen            | 17.91          | 0.00          | 3489.31                         |
|             | 02/18/05      | 3507.22                 | sheen            | 17.90          | 0.00          | 3489.32                         |
|             | 02/22/05      | 3507.22                 | sheen            | 17.94          | 0.00          | 3489.28                         |
|             | 02/25/05      | 3507.22                 | sheen            | 17.94          | 0.00          | 3489.28                         |
|             | 03/01/05      | 3507.22                 | sheen            | 17.92          | 0.00          | 3489.30                         |
|             | 03/04/05      | 3507.22                 | sheen            | 17.89          | 0.00          | 3489.33                         |
|             | 03/08/05      | 3507.22                 | sheen            | 17.84          | 0.00          | 3489.38                         |
|             | 03/08/05      | 3507.22                 | sheen            | 17.84          | 0.00          | 3489.38                         |
|             | 03/11/05      | 3507.22                 | sheen            | 17.87          | 0.00          | 3489.35                         |
|             | 03/15/05      | 3507.22                 | sheen            | 17.82          | 0.00          | 3489.40                         |
|             | 03/18/05      | 3507.22                 | sheen            | 17.88          | 0.00          | 3489.34                         |
|             | 03/22/05      | 3507.22                 | sheen            | 17.71          | 0.00          | 3489.51                         |
|             | 03/28/05      | 3507.22                 | sheen            | 17.68          | 0.00          | 3489.54                         |
|             | 04/01/05      | 3507.22                 | sheen            | 17.70          | 0.00          | 3489.52                         |
|             | 04/05/05      | 3507.22                 | sheen            | 17.68          | 0.00          | 3489.54                         |
|             | 04/08/05      | 3507.22                 | sheen            | 17.69          | 0.00          | 3489.53                         |
|             | 04/12/05      | 3507.22                 | sheen            | 17.65          | 0.00          | 3489.57                         |
|             | 04/15/05      | 3507.22                 | sheen            | 17.62          | 0.00          | 3489.60                         |
|             | 05/25/05      | 3507.22                 | sheen            | 17.43          | 0.00          | 3489.79                         |
|             | 05/27/05      | 3507.22                 | sheen            | 17.42          | 0.00          | 3489.80                         |
|             | 05/31/05      | 3507.22                 | sheen            | 17.40          | 0.00          | 3489.82                         |
|             | 06/03/05      | 3507.22                 | sheen            | 17.35          | 0.00          | 3489.87                         |
|             | 06/06/05      | 3507.22                 | sheen            | 17.36          | 0.00          | 3489.86                         |
|             | 06/08/05      | 3507.22                 | sheen            | 17.36          | 0.00          | 3489.86                         |
|             | 06/13/05      | 3507.22                 | sheen            | 17.35          | 0.00          | 3489.87                         |
|             | 06/20/05      | 3507.22                 | sheen            | 17.38          | 0.00          | 3489.84                         |
|             | 06/24/05      | 3507.22                 | sheen            | 17.39          | 0.00          | 3489.83                         |
|             | 06/27/05      | 3507.22                 | sheen            | 17.34          | 0.00          | 3489.88                         |
|             | 07/11/05      | 3507.22                 | sheen            | 17.48          | 0.00          | 3489.74                         |
|             | 07/15/05      | 3507.22                 | sheen            | 17.51          | 0.00          | 3489.71                         |
|             | 07/18/05      | 3507.22                 | sheen            | 17.62          | 0.00          | 3489.60                         |
|             | 07/21/05      | 3507.22                 | sheen            | 17.63          | 0.00          | 3489.59                         |
|             | 07/25/05      | 3507.22                 | sheen            | 17.74          | 0.00          | 3489.48                         |
|             | 08/01/05      | 3507.22                 | sheen            | 17.66          | 0.00          | 3489.56                         |
|             | 08/04/05      | 3507.22                 | sheen            | 17.66          | 0.00          | 3489.56                         |
|             | 08/12/05      | 3507.22                 | sheen            | 17.75          | 0.00          | 3489.47                         |
|             | 08/15/05      | 3507.22                 | 17.71            | 17.72          | 0.01          | 3489.51                         |
|             | 08/23/05      | 3507.22                 | sheen            | 17.60          | 0.00          | 3489.62                         |
|             | 08/30/05      | 3507.22                 | sheen            | 17.53          | 0.00          | 3489.69                         |
|             | 09/06/05      | 3507.22                 | sheen            | 17.44          | 0.00          | 3489.78                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
| RW-4           | 09/13/05         | 3507.22                       | 17.48               | 17.49             | 0.01             | 3489.74                               |
|                | 09/15/05         | 3507.22                       | 17.47               | 17.48             | 0.01             | 3489.75                               |
|                | 09/19/05         | 3507.22                       | sheen               | 17.55             | 0.00             | 3489.67                               |
|                | 09/27/05         | 3507.22                       | sheen               | 17.56             | 0.00             | 3489.66                               |
|                | 10/03/05         | 3507.22                       | sheen               | 17.64             | 0.00             | 3489.58                               |
|                | 10/08/05         | 3507.22                       | sheen               | 17.34             | 0.00             | 3489.88                               |
|                | 10/10/05         | 3507.22                       | sheen               | 17.54             | 0.00             | 3489.68                               |
|                | 10/17/05         | 3507.22                       | sheen               | 17.49             | 0.00             | 3489.73                               |
|                | 10/24/05         | 3507.22                       | sheen               | 17.48             | 0.00             | 3489.74                               |
|                | 10/31/05         | 3507.22                       | sheen               | 17.39             | 0.00             | 3489.83                               |
|                | 11/15/05         | 3507.22                       | sheen               | 17.49             | 0.00             | 3489.73                               |
|                | 11/22/05         | 3507.22                       | sheen               | 17.40             | 0.00             | 3489.82                               |
|                | 11/27/05         | 3507.22                       | 17.35               | 17.36             | 0.01             | 3489.87                               |
|                | 12/07/05         | 3507.22                       | 17.36               | 17.37             | 0.01             | 3489.86                               |
|                | 12/12/05         | 3507.22                       | 17.31               | 17.34             | 0.03             | 3489.91                               |
|                | 12/16/05         | 3507.22                       | 17.33               | 17.34             | 0.01             | 3489.89                               |
|                | 12/22/05         | 3507.22                       | 17.35               | 17.37             | 0.02             | 3489.87                               |
|                | 12/27/05         | 3507.22                       | sheen               | 17.38             | 0.00             | 3489.84                               |
|                |                  |                               |                     |                   |                  |                                       |
|                |                  |                               |                     |                   |                  |                                       |
| RW-5           | 01/11/05         | 3506.91                       | 18.16               | 18.59             | 0.43             | 3488.69                               |
|                | 01/14/05         | 3506.91                       | 18.20               | 18.52             | 0.32             | 3488.66                               |
|                | 01/18/05         | 3506.91                       | 18.10               | 18.40             | 0.30             | 3488.77                               |
|                | 01/21/05         | 3506.91                       | sheen               | 18.15             | 0.00             | 3488.76                               |
|                | 01/25/05         | 3506.91                       | 18.08               | 18.10             | 0.02             | 3488.83                               |
|                | 01/28/05         | 3506.91                       | sheen               | 18.04             | 0.00             | 3488.87                               |
|                | 02/02/05         | 3506.91                       | 17.97               | 18.11             | 0.14             | 3488.92                               |
|                | 02/05/05         | 3506.91                       | 17.96               | 17.98             | 0.02             | 3488.95                               |
|                | 02/08/05         | 3506.91                       | 17.98               | 17.99             | 0.01             | 3488.93                               |
|                | 02/11/05         | 3506.91                       | sheen               | 17.99             | 0.00             | 3488.92                               |
|                | 02/15/05         | 3506.91                       | 17.93               | 17.94             | 0.01             | 3488.98                               |
|                | 02/18/05         | 3506.91                       | sheen               | 17.95             | 0.00             | 3488.96                               |
|                | 02/22/05         | 3506.91                       | 17.90               | 17.91             | 0.01             | 3489.01                               |
|                | 02/25/05         | 3506.91                       | sheen               | 17.96             | 0.00             | 3488.95                               |
|                | 03/01/05         | 3506.91                       | sheen               | 17.88             | 0.00             | 3489.03                               |
|                | 03/04/05         | 3506.91                       | sheen               | 17.86             | 0.00             | 3489.05                               |
|                | 03/08/05         | 3506.91                       | sheen               | 17.81             | 0.00             | 3489.10                               |
|                | 03/08/05         | 3506.91                       | sheen               | 17.81             | 0.00             | 3489.10                               |
|                | 03/11/05         | 3506.91                       | sheen               | 17.85             | 0.00             | 3489.06                               |
|                | 03/15/05         | 3506.91                       | sheen               | 17.79             | 0.00             | 3489.12                               |
|                | 03/18/05         | 3506.91                       | sheen               | 17.76             | 0.00             | 3489.15                               |
|                | 03/22/05         | 3506.91                       | 17.72               | 17.75             | 0.03             | 3489.19                               |
|                | 03/28/05         | 3506.91                       | sheen               | 17.69             | 0.00             | 3489.22                               |
|                | 04/01/05         | 3506.91                       | sheen               | 17.71             | 0.00             | 3489.20                               |
|                | 04/05/05         | 3506.91                       | 17.66               | 17.69             | 0.03             | 3489.25                               |
|                | 04/08/05         | 3506.91                       | sheen               | 17.62             | 0.00             | 3489.29                               |
|                | 04/12/05         | 3506.91                       | 17.63               | 17.66             | 0.03             | 3489.28                               |
|                | 04/15/05         | 3506.91                       | sheen               | 17.62             | 0.00             | 3489.29                               |
|                | 05/25/05         | 3506.91                       | 17.39               | 17.55             | 0.16             | 3489.50                               |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| RW-5        | 05/27/05      | 3506.91                 | 17.40            | 17.42          | 0.02          | 3489.51                         |
|             | 05/31/05      | 3506.91                 | sheen            | 17.39          | 0.00          | 3489.52                         |
|             | 06/03/05      | 3506.91                 | sheen            | 17.35          | 0.00          | 3489.56                         |
|             | 06/06/05      | 3506.91                 | sheen            | 17.35          | 0.00          | 3489.56                         |
|             | 06/08/05      | 3506.91                 | sheen            | 17.35          | 0.00          | 3489.56                         |
|             | 06/13/05      | 3506.91                 | sheen            | 17.34          | 0.00          | 3489.57                         |
|             | 06/20/05      | 3506.91                 | sheen            | 17.40          | 0.00          | 3489.51                         |
|             | 06/24/05      | 3506.91                 | sheen            | 17.37          | 0.00          | 3489.54                         |
|             | 06/27/05      | 3506.91                 | sheen            | 17.41          | 0.00          | 3489.50                         |
|             | 07/11/05      | 3506.91                 | 17.47            | 17.62          | 0.15          | 3489.42                         |
|             | 07/15/05      | 3506.91                 | 17.50            | 17.52          | 0.02          | 3489.41                         |
|             | 07/18/05      | 3506.91                 | 17.56            | 17.57          | 0.01          | 3489.35                         |
|             | 07/21/05      | 3506.91                 | sheen            | 17.59          | 0.00          | 3489.32                         |
|             | 07/25/05      | 3506.91                 | sheen            | 17.66          | 0.00          | 3489.25                         |
|             | 08/01/05      | 3506.91                 | sheen            | 17.63          | 0.00          | 3489.28                         |
|             | 08/04/05      | 3506.91                 | sheen            | 17.65          | 0.00          | 3489.26                         |
|             | 08/12/05      | 3506.91                 | 17.78            | 17.92          | 0.14          | 3489.11                         |
|             | 08/15/05      | 3506.91                 | 17.60            | 17.90          | 0.30          | 3489.27                         |
|             | 08/23/05      | 3506.91                 | 17.44            | 17.74          | 0.30          | 3489.43                         |
|             | 08/30/05      | 3506.91                 | 17.42            | 17.62          | 0.20          | 3489.46                         |
|             | 09/06/05      | 3506.91                 | 17.32            | 18.15          | 0.83          | 3489.47                         |
|             | 09/13/05      | 3506.91                 | 17.38            | 18.31          | 0.93          | 3489.39                         |
|             | 09/15/05      | 3506.91                 | 17.38            | 17.83          | 0.45          | 3489.46                         |
|             | 09/19/05      | 3506.91                 | 17.40            | 17.80          | 0.40          | 3489.45                         |
|             | 09/27/05      | 3506.91                 | 17.39            | 17.90          | 0.51          | 3489.44                         |
|             | 10/03/05      | 3506.91                 | 17.49            | 17.71          | 0.22          | 3489.39                         |
|             | 10/08/05      | 3506.91                 | 17.20            | 18.09          | 0.89          | 3489.58                         |
|             | 10/10/05      | 3506.91                 | 17.41            | 18.03          | 0.62          | 3489.41                         |
|             | 10/17/05      | 3506.91                 | 17.30            | 17.77          | 0.47          | 3489.54                         |
|             | 10/24/05      | 3506.91                 | 17.30            | 17.77          | 0.47          | 3489.54                         |
|             | 10/31/05      | 3506.91                 | 17.30            | 17.89          | 0.59          | 3489.52                         |
|             | 11/15/05      | 3506.91                 | 17.35            | 17.87          | 0.52          | 3489.48                         |
|             | 11/22/05      | 3506.91                 | 17.30            | 17.65          | 0.35          | 3489.56                         |
|             | 11/27/05      | 3506.91                 | 17.18            | 17.49          | 0.31          | 3489.68                         |
|             | 12/07/05      | 3506.91                 | 17.32            | 17.72          | 0.40          | 3489.53                         |
|             | 12/12/05      | 3506.91                 | 17.24            | 18.02          | 0.78          | 3489.55                         |
|             | 12/16/05      | 3506.91                 | 17.20            | 18.00          | 0.80          | 3489.59                         |
|             | 12/22/05      | 3506.91                 | 17.31            | 17.96          | 0.65          | 3489.50                         |
|             | 12/27/05      | 3506.91                 | 17.24            | 17.74          | 0.50          | 3489.60                         |
|             |               |                         |                  |                |               |                                 |
| RW-6        | 01/11/05      | 3507.45                 | 18.39            | 20.97          | 2.58          | 3488.67                         |
|             | 01/14/05      | 3507.45                 | 18.65            | 20.69          | 2.04          | 3488.49                         |
|             | 01/18/05      | 3507.45                 | 18.65            | 21.20          | 2.55          | 3488.42                         |
|             | 01/21/05      | 3507.45                 | 18.64            | 20.93          | 2.29          | 3488.47                         |
|             | 01/25/05      | 3507.45                 | 18.55            | 20.70          | 2.15          | 3488.58                         |
|             | 01/28/05      | 3507.45                 | 18.70            | 20.01          | 1.31          | 3488.55                         |
|             | 02/02/05      | 3507.45                 | 18.60            | 20.21          | 1.61          | 3488.61                         |
|             | 02/05/05      | 3507.45                 | 18.89            | 19.97          | 1.08          | 3488.40                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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 GROUNDWATER ELEVATION |
|-------------|---------------|-------------------------|------------------|----------------|---------------|---------------------------------|
| RW-6        | 02/08/05      | 3507.45                 | 18.67            | 19.65          | 0.98          | 3488.63                         |
|             | 02/11/05      | 3507.45                 | 18.81            | 19.51          | 0.70          | 3488.54                         |
|             | 02/15/05      | 3507.45                 | 18.55            | 19.90          | 1.35          | 3488.70                         |
|             | 02/18/05      | 3507.45                 | 18.72            | 19.59          | 0.87          | 3488.60                         |
|             | 02/22/05      | 3507.45                 | 18.53            | 19.93          | 1.40          | 3488.71                         |
|             | 02/25/05      | 3507.45                 | 18.57            | 20.10          | 1.53          | 3488.65                         |
|             | 03/01/05      | 3507.45                 | 18.47            | 20.05          | 1.58          | 3488.74                         |
|             | 03/04/05      | 3507.45                 | 18.54            | 19.94          | 1.40          | 3488.70                         |
|             | 03/08/05      | 3507.45                 | 18.46            | 19.73          | 1.27          | 3488.80                         |
|             | 03/08/05      | 3507.45                 | 18.46            | 19.73          | 1.27          | 3488.80                         |
|             | 03/11/05      | 3507.45                 | 18.60            | 19.35          | 0.75          | 3488.74                         |
|             | 03/15/05      | 3507.45                 | 18.54            | 19.35          | 0.81          | 3488.79                         |
|             | 03/18/05      | 3507.45                 | 18.51            | 19.36          | 0.85          | 3488.81                         |
|             | 03/22/05      | 3507.45                 | 18.43            | 19.36          | 0.93          | 3488.88                         |
|             | 03/28/05      | 3507.45                 | 18.31            | 20.00          | 1.69          | 3488.89                         |
|             | 04/01/05      | 3507.45                 | 18.57            | 19.49          | 0.92          | 3488.74                         |
|             | 04/05/05      | 3507.45                 | 18.24            | 20.40          | 2.16          | 3488.89                         |
|             | 04/08/05      | 3507.45                 | 18.27            | 19.90          | 1.63          | 3488.94                         |
|             | 04/15/05      | 3507.45                 | 18.23            | 20.05          | 1.82          | 3488.95                         |
|             | 05/25/05      | 3507.45                 | 18.18            | 18.60          | 0.42          | 3489.21                         |
|             | 05/27/05      | 3507.45                 | 18.20            | 18.37          | 0.17          | 3489.22                         |
|             | 05/31/05      | 3507.45                 | 18.16            | 18.59          | 0.43          | 3489.23                         |
|             | 06/03/05      | 3507.45                 | 18.10            | 18.70          | 0.60          | 3489.26                         |
|             | 06/06/05      | 3507.45                 | 18.07            | 18.88          | 0.81          | 3489.26                         |
|             | 06/08/05      | 3507.45                 | 18.10            | 18.81          | 0.71          | 3489.24                         |
|             | 06/13/05      | 3507.45                 | 18.09            | 18.79          | 0.70          | 3489.26                         |
|             | 06/20/05      | 3507.45                 | 18.11            | 18.84          | 0.73          | 3489.23                         |
|             | 06/24/05      | 3507.45                 | 18.03            | 19.40          | 1.37          | 3489.21                         |
|             | 06/27/05      | 3507.45                 | 18.08            | 18.68          | 0.60          | 3489.28                         |
|             | 07/11/05      | 3507.45                 | 18.13            | 19.08          | 0.95          | 3489.18                         |
|             | 07/15/05      | 3507.45                 | 18.27            | 18.92          | 0.65          | 3489.08                         |
|             | 07/18/05      | 3507.45                 | 18.23            | 19.33          | 1.10          | 3489.06                         |
|             | 07/21/05      | 3507.45                 | 18.33            | 18.88          | 0.55          | 3489.04                         |
|             | 07/25/05      | 3507.45                 | 18.32            | 19.12          | 0.80          | 3489.01                         |
|             | 08/01/05      | 3507.45                 | 18.33            | 18.91          | 0.58          | 3489.03                         |
|             | 08/04/05      | 3507.45                 | 18.43            | 18.82          | 0.39          | 3488.96                         |
|             | 08/15/05      | 3507.45                 | 18.38            | 19.54          | 1.16          | 3488.90                         |
|             | 08/23/05      | 3507.45                 | 18.31            | 18.66          | 0.35          | 3489.09                         |
|             | 08/30/05      | 3507.45                 | 18.35            | 18.79          | 0.44          | 3489.03                         |
|             | 09/06/05      | 3507.45                 | 18.23            | 18.41          | 0.18          | 3489.19                         |
|             | 09/13/05      | 3507.45                 | 18.40            | 18.41          | 0.01          | 3489.05                         |
|             | 09/15/05      | 3507.45                 | 18.20            | 18.70          | 0.50          | 3489.18                         |
|             | 09/19/05      | 3507.45                 | 18.25            | 18.71          | 0.46          | 3489.13                         |
|             | 09/27/05      | 3507.45                 | 18.12            | 18.60          | 0.48          | 3489.26                         |
|             | 10/03/05      | 3507.45                 | 18.20            | 18.65          | 0.45          | 3489.18                         |
|             | 10/08/05      | 3507.45                 | 18.01            | 18.76          | 0.75          | 3489.33                         |
|             | 10/10/05      | 3507.45                 | 18.18            | 19.22          | 1.04          | 3489.11                         |
|             | 10/17/05      | 3507.45                 | 18.06            | 18.64          | 0.58          | 3489.30                         |

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

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

| WELL<br>NUMBER | DATE<br>MEASURED | TOP OF<br>CASING<br>ELEVATION | DEPTH TO<br>PRODUCT | DEPTH TO<br>WATER | PSH<br>THICKNESS | CORRECTED<br>GROUNDWATER<br>ELEVATION |
|----------------|------------------|-------------------------------|---------------------|-------------------|------------------|---------------------------------------|
| RW-6           | 10/24/05         | 3507.45                       | 18.10               | 18.60             | 0.50             | 3489.28                               |
|                | 10/31/05         | 3507.45                       | 18.16               | 18.84             | 0.68             | 3489.19                               |
|                | 11/15/05         | 3507.45                       | 18.15               | 18.80             | 0.65             | 3489.20                               |
|                | 11/22/05         | 3507.45                       | 18.07               | 18.71             | 0.64             | 3489.28                               |
|                | 11/27/05         | 3507.45                       | 18.03               | 18.74             | 0.71             | 3489.31                               |
|                | 12/07/05         | 3507.45                       | 18.02               | 18.79             | 0.77             | 3489.31                               |
|                | 12/12/05         | 3507.45                       | 17.99               | 19.09             | 1.10             | 3489.30                               |
|                | 12/16/05         | 3507.45                       | 18.05               | 19.00             | 0.95             | 3489.26                               |
|                | 12/22/05         | 3507.45                       | 18.00               | 19.21             | 1.21             | 3489.27                               |
|                | 12/27/05         | 3507.45                       | 18.00               | 18.72             | 0.72             | 3489.34                               |

*Elevations based on the North American Vertical Datum of 1929.*

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
TNM 97-17  
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 LIMITS |             | 0.01                                | 0.75    | 0.75           | 0.62            |            |
| MW-1                    | 3/8/2005    | <0.001                              | <0.001  | <0.001         | <0.001          |            |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 09/16/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 12/12/05    | <0.001                              | <0.001  | <0.001         | <0.001          |            |
|                         |             |                                     |         |                |                 |            |
| MW-2                    | 3/8/2005    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 09/16/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 12/12/05    | <0.001                              | <0.001  | <0.001         | <0.001          |            |
|                         |             |                                     |         |                |                 |            |
| MW-3                    | 3/8/2005    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 09/16/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 12/12/05    | <0.001                              | <0.001  | <0.001         | <0.001          |            |
|                         |             |                                     |         |                |                 |            |
| MW-4                    | 3/8/2005    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 06/08/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 09/16/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |
| MW-5                    | 3/8/2005    | 0.0157                              | <0.005  | 0.0071         | <0.005          |            |
|                         | 06/08/05    | 0.0113                              | <0.01   | <0.01          | <0.01           |            |
|                         | 09/16/05    | 0.0052                              | <0.001  | <0.001         | 0.0027          |            |
|                         | 12/12/05    | 0.0093                              | <0.001  | <0.001         | 0.003           |            |
|                         |             |                                     |         |                |                 |            |
| MW-6                    | 03/08/05    | 0.026                               | <0.01   | 0.0414         | 0.0315          |            |
|                         | 06/08/05    | <0.005                              | <0.005  | <0.005         | <0.005          |            |
|                         | 09/16/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |
| MW-7                    | 03/08/05    | 1.55                                | <0.1    | 0.145          | <0.1            |            |
|                         | 06/08/05    | 0.810                               | <0.1    | <0.1           | <0.1            |            |
|                         | 09/16/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |
| MW-8                    | 03/08/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 06/08/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 09/16/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |
| MW-9                    | 03/08/05    | 0.0125                              | <0.005  | <0.005         | <0.005          |            |
|                         | 06/08/05    | 0.0057                              | <0.005  | <0.005         | <0.005          |            |
| MW-9                    | 09/16/05    | 0.0059                              | <0.001  | 0.003          | <0.001          |            |

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

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 |
| NMOCD REGULATORY LIMITS |             | 0.01                                 | 0.75    | 0.75          | 0.62            |            |
|                         | 12/12/05    | 0.0417                               | <0.02   | <0.02         | <0.02           |            |
| MW-10                   | 03/08/05    | <0.01                                | <0.01   | 0.0102        | <0.01           |            |
|                         | 06/08/05    | 0.013                                | <0.005  | 0.0236        | <0.005          |            |
|                         | 09/16/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
| MW-11                   | 03/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 09/16/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 12/12/05    | Could not sample - something in well |         |               |                 |            |
| MW-12                   | 03/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 09/16/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 12/12/05    | <0.001                               | <0.001  | <0.001        | <0.001          |            |
| MW-13                   | 03/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 09/16/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 12/12/05    | <0.001                               | <0.001  | <0.001        | <0.001          |            |
| MW-14                   | 03/08/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
|                         | 06/08/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
|                         | 09/16/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
| MW-15                   | 03/08/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
|                         | 06/08/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
|                         | 09/16/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well       |         |               |                 |            |
| MW-16                   | 03/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 09/16/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 12/12/05    | <0.001                               | <0.001  | <0.001        | <0.001          |            |
| MW-17                   | 03/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 09/16/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |
|                         | 12/12/05    | <0.001                               | <0.001  | <0.001        | <0.001          |            |
| MW-18                   | 03/08/05    | Not Sampled Due to Sample Reduction  |         |               |                 |            |

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

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 |
| NMOCD REGULATORY LIMITS |             | 0.01                                | 0.75    | 0.75          | 0.62           |           |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 09/16/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 12/12/05    | <0.001                              | <0.001  | <0.001        | <0.001         |           |
|                         |             |                                     |         |               |                |           |
| MW-19                   | 03/08/05    | Not Sampled Due to PSH in Well      |         |               |                |           |
|                         | 06/08/05    | 0.272                               | <0.05   | 0.110         | <0.05          |           |
|                         | 09/16/05    | Not Sampled Due to PSH in Well      |         |               |                |           |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |               |                |           |
|                         |             |                                     |         |               |                |           |
| MW-20                   | 03/08/05    | <0.1                                | <0.1    | <0.1          | <0.1           |           |
|                         | 06/08/05    | 0.156                               | <0.05   | <0.05         | <0.05          |           |
|                         | 09/16/05    | 0.049                               | <0.001  | 0.025         | <0.001         |           |
|                         | 12/12/05    | 0.0615                              | <0.01   | 0.0293        | <0.01          |           |
|                         |             |                                     |         |               |                |           |
| MW-21                   | 03/08/05    | <0.1                                | <0.1    | <0.1          | <0.1           |           |
|                         | 06/08/05    | 0.0105                              | <0.01   | <0.01         | <0.01          |           |
|                         | 09/15/05    | 0.0186                              | <0.001  | <0.001        | <0.001         |           |
|                         | 12/12/05    | 0.0082                              | <0.001  | <0.001        | 0.006          |           |
|                         |             |                                     |         |               |                |           |
| MW-22                   | 03/08/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 06/08/05    | <0.005                              | <0.005  | <0.005        | <0.005         |           |
|                         | 09/15/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 12/12/05    | <0.001                              | <0.001  | <0.001        | <0.001         |           |
|                         |             |                                     |         |               |                |           |
| MW-23                   | 03/08/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 06/08/05    | <0.001                              | <0.001  | <0.001        | <0.001         |           |
|                         | 09/15/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 12/12/05    | <0.001                              | <0.001  | <0.001        | <0.001         |           |
|                         |             |                                     |         |               |                |           |
| MW-24                   | 03/08/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 06/08/05    | <0.001                              | <0.001  | <0.001        | <0.001         |           |
|                         | 09/15/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 12/12/05    | <0.001                              | <0.001  | <0.001        | <0.001         |           |
|                         |             |                                     |         |               |                |           |
| MW-25                   | 03/08/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 06/08/05    | <0.001                              | <0.001  | <0.001        | <0.001         |           |
|                         | 09/15/05    | Not Sampled Due to Sample Reduction |         |               |                |           |
|                         | 12/12/05    | <0.001                              | <0.001  | <0.001        | <0.001         |           |
|                         |             |                                     |         |               |                |           |
| MW-26                   | 03/08/05    | <0.05                               | <0.05   | <0.05         | <0.05          |           |
| MW-26                   | 06/08/05    | <0.005                              | <0.005  | <0.005        | <0.005         |           |
|                         | 09/15/05    | 0.005                               | <0.001  | 0.006         | <0.001         |           |
|                         | 12/12/05    | 0.0038                              | <0.001  | 0.0034        | <0.001         |           |

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

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 |
| NMOCD REGULATORY LIMITS |             | 0.01                                | 0.75    | 0.75           | 0.62            |            |
|                         |             |                                     |         |                |                 |            |
| MW-27                   | 03/08/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 06/08/05    | 0.001                               | <0.001  | 0.0031         | 0.0017          |            |
|                         | 09/15/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 12/12/05    | <0.001                              | <0.001  | 0.0037         | <0.001          |            |
|                         |             |                                     |         |                |                 |            |
| MW-28                   | 03/08/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 06/08/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 09/15/05    | Not Sampled Due to Sample Reduction |         |                |                 |            |
|                         | 12/12/05    | <0.001                              | <0.001  | <0.001         | <0.001          |            |
|                         |             |                                     |         |                |                 |            |
| RW-1                    | 03/08/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 06/08/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 09/15/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |
| RW-2                    | 03/08/05    | 0.14                                | <0.1    | <0.1           | <0.1            |            |
|                         | 06/08/05    | 0.0178                              | <0.01   | 0.0241         | <0.01           |            |
|                         | 09/15/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |
| RW-3                    | 03/08/05    | 0.183                               | <0.05   | <0.05          | <0.05           |            |
|                         | 06/08/05    | 0.0541                              | <0.01   | 0.0268         | <0.01           |            |
|                         | 09/15/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |
| RW-4                    | 03/08/05    | 0.323                               | <0.05   | <0.05          | <0.05           |            |
|                         | 06/08/05    | 0.441                               | <0.05   | <0.05          | <0.05           |            |
|                         | 09/15/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |
| RW-5                    | 03/08/05    | 0.232                               | <0.05   | 0.154          | 0.083           |            |
|                         | 06/08/05    | 0.149                               | <0.05   | <0.05          | <0.05           |            |
|                         | 09/15/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |
| RW-6                    | 03/08/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 06/08/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         | 09/15/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
| RW-6                    | 12/12/05    | Not Sampled Due to PSH in Well      |         |                |                 |            |
|                         |             |                                     |         |                |                 |            |

# Appendices

Appendix A:  
Notification of Release 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  
Enc 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<br>Texas-New Mexico Pipe Line Company   | Contact<br>Edwin H. Gripp       |           |
| Address<br>Box 60028, San Angelo, TX 76906   | Telephone No.<br>(915) 947-9000 |           |
| Facility Name<br>Vacuum Jet to Gal Main Line | Facility Type<br>pipe line      |           |
| Surface Owner<br>Millard Desh                | 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<br>Down crude                                                                                                            | Volume of Release<br>170 barrels         | Volume Recovered<br>160 barrels                  |
| Source of Release<br>8" pipeline on scraper trap bypass                                                                                  | Date and Hour of Occurrence<br>Unknown   | Date and Hour of Discovery CST<br>8-13-97 3:00PM |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>Delene T. Wardlaw    |                                                  |
| By Whom?<br>Johnny W. Chapman                                                                                                            | Date and Hour<br>8-13-97 4:45pm CST      |                                                  |
| Was a Watercourse Reached?<br><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.\*

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 IWC IAS