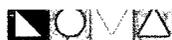


**1R - 386**

**REPORT**

**DATE:**

**2006**



\* IR 386  
Report  
2006

2006  
ANNUAL MONITORING REPORT

**JUNCTION 34 TO LEA**  
LEA COUNTY, NEW MEXICO  
NW ¼ SW ¼, SECTION 21, TOWNSHIP 20 SOUTH, RANGE 37 EAST  
PLAINS EMS NUMBER: 2002-10286

PREPARED FOR:

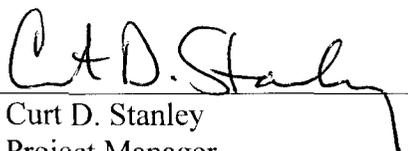
**PLAINS MARKETING, L.P.**  
333 CLAY STREET, SUITE 1600  
HOUSTON, TEXAS 77002

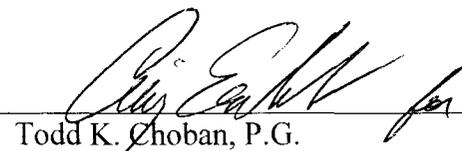


PREPARED BY:

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

**March 2007**

  
Curt D. Stanley  
Project Manager

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

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3B – Groundwater Concentration and Inferred PSH Extent Map – May 23, 2006

3C – Groundwater Concentration and Inferred PSH Extent Map – August 9, 2006

3D – Groundwater Concentration and Inferred PSH Extent Map – November 27, 2006

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Table 1 – 2006 Groundwater Elevation Data

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### APPENDICES

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

### ENCLOSED ON DATA DISK

2006 Annual Monitoring Report

2006 Tables 1, 2, 3 and 4

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

Electronic Copies of Laboratory Reports

Historic Groundwater Elevation Tables

Historic BTEX Concentration Tables

## **INTRODUCTION**

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on or about January 16, 2007, project management responsibilities were assumed by NOVA. The site was previously managed by Environmental Plus, Inc. (EPI). This report is intended to be viewed as a complete document with figures, appendices, tables and text. The report presents the results of the four quarterly groundwater monitoring events conducted in calendar year 2006. For reference, the Site Location Map is provided as Figure 1.

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

## **SITE DESCRIPTION AND BACKGROUND INFORMATION**

The Junction 34 to Lea (2002-10286) release site is located approximately 10-miles northwest of Eunice in Lea County, New Mexico. The site is located in the NW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , Section 21, Township 20 South, Range 37 East. The Release Notification and Corrective Action (Form C-141) submitted by EOTT reported approximately 300 barrels of crude oil released with 190 barrels recovered. The release is reported to have been due to internal corrosion of the pipeline. The release covered approximately 10,769 square feet of pipeline right-of-way, caliche road and land owned by the Deck Estate. Upon discovery of the release on November 6, 2002, a contractor and EOTT personnel mobilized to the site, exposed the pipeline and installed a pipe repair clamp. Hydrocarbon impacted soil excavated during the emergency response activities was transported to an approved land farm. In February 2003, hydrocarbon impacted soil, previously identified by the advancement of nine (9) soil borings, was excavated to a depth of approximately twenty five (25) below ground surface (bgs). The excavated soil was stockpiled on site for future remediation.

On March 16, 2006, monitor wells MW-8, MW-9 and MW-10 were installed to further delineate the down gradient extent of hydrocarbon impact at the site. Analytical results of the soil samples collected during the installation of the monitor wells and are provided in Table 3, Concentrations of TPH and BTEX in Soil. Laboratory reports are provided on the enclosed data disk.

Currently, there are ten (10) groundwater monitor wells (MW-1 through MW-10) on site.

## FIELD ACTIVITIES

During the 2006 reporting period, no PSH was reported in any on site monitor wells. Gauging data for the 2006 monitoring events is provided in Table 1 and on Figures 3A through 3D. Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD.

NMOCD Approved Sampling Schedule							
MW-1	Quarterly	MW-4	Annual	MW-7	Quarterly	MW-10	Quarterly
MW-2	Quarterly	MW-5	Quarterly	MW-8	Quarterly		
MW-3	Quarterly	MW-6	Quarterly	MW-9	Quarterly		

The site monitor wells were gauged and sampled on February 15, May 23, August 9, and November 27, 2006. During each sampling event, monitor wells were purged of approximately three well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Key Energy utilizing a licensed disposal facility (NMOCD AO SWD-730).

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

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.007 feet/foot to the south-southeast as measured between monitor wells MW-4 and MW-6. This is consistent with data presented on Figures 2A through 2C from earlier in the year.

## LABORATORY RESULTS

During the 2006 reporting period, no PSH was reported in any on the site monitor wells.

All groundwater samples collected during the reporting period were delivered to Analysis, Inc. in Austin, Texas for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent analysis using EPA Method SW 846-8260b. Analytical results of BTEX constituent concentrations for 2006 are summarized on Table 2. Historical BTEX constituent concentrations and copies of the laboratory reports for 2006 are provided on the enclosed data disk. The quarterly groundwater analytical results are depicted on the Groundwater Concentration and Inferred PSH Extent Maps, Figures 3A-3D.

All groundwater samples collected during the 1<sup>st</sup> quarter sampling were analyzed for constituents of Poly-Aromatic Hydrocarbons (PAH) using EPA Method 610 and SW 846-8270c. Monitor wells MW-8, MW-9 and MW-10 were developed following installation and groundwater samples were collected on March 22, 2006. The collected samples were analyzed for BTEX constituents using EPA Method SW 846-80 60b and PAH using EPA Method 610 and SW 846-8270c. Analytical results of BTEX constituent concentrations for 2006 are summarized on Table 2. Analytical results of PAH constituent concentrations for 2006 are summarized on Table 4. Historical PAH constituent concentrations and copies of the laboratory reports for 2006 are provided on the enclosed data disk.

**Monitor well MW-1** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1000 µg/L during the 4<sup>th</sup> quarter to 1720 µg/L during the 2<sup>nd</sup> quarter. Benzene concentrations were above the NMOCD regulatory standard of 10 µg/L during all four (4) quarters of the reporting period. Toluene concentrations ranged from <1 µg/L during the 1<sup>st</sup> quarter to 2.94 µg/L during the 2<sup>nd</sup> quarter. Toluene concentrations were below the NMOCD regulatory standard of 750 µg/L during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 694 µg/L during the 3<sup>rd</sup> quarter to 1530 µg/L during the 2<sup>nd</sup> quarter. Ethylbenzene concentrations were above the NMOCD regulatory standard of 750 µg/L during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters of the reporting period. Xylene concentrations ranged from <3 µg/L during the 1<sup>st</sup> quarter to 338 µg/L during the 2<sup>nd</sup> quarter of 2006. Xylene concentrations were below regulatory standard of 620 µg/L during all four (4) quarters of the reporting period. Analytical results of PAH analysis indicate the naphthalene concentration was 42.6 µg/L during the 1<sup>st</sup> quarter of the reporting period. This concentration is above the NMOCD remedial threshold of 30 µg/L.

**Monitor well MW-2** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 33.7 µg/L during the 1<sup>st</sup> quarter to 1530 µg/L during the 2<sup>nd</sup> quarter. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations ranged from <1 µg/L during the 1<sup>st</sup> quarter to 2.29 µg/L during the 2<sup>nd</sup> quarter. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 106 µg/L during the 4<sup>th</sup> quarter to 381 µg/L during the 2<sup>nd</sup> quarter. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Xylene concentrations ranged from 34.1 µg/L during the 1<sup>st</sup> quarter to 199 µg/L during the 2<sup>nd</sup> quarter of 2006. Xylene concentrations were below regulatory standard during all four (4) quarters of the reporting period. Analytical results of PAH analysis indicate the naphthalene concentration was 10.4 µg/L during the 1<sup>st</sup> quarter of the reporting period. This concentration is below the NMOCD remedial threshold.

**Monitor well MW-3** is sampled on a quarterly schedule and was not sampled during the 3<sup>rd</sup> quarter of 2006. Analytical results indicate benzene concentrations ranged from 1470 µg/L during the 4<sup>th</sup> quarter to 3600 µg/L during the 2<sup>nd</sup> quarter. Benzene concentrations were above the NMOCD regulatory standard during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters of the reporting period. Toluene concentrations ranged from <100 µg/L during the 2<sup>nd</sup> quarter to 27.3 µg/L during the 4<sup>th</sup> quarter. Toluene concentrations were below the NMOCD regulatory standard during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters of the reporting period. Ethylbenzene concentrations ranged from 474 µg/L

during the 4<sup>th</sup> quarter to 715 µg/L during the 1<sup>st</sup> quarter. Ethylbenzene concentrations were below the NMOCD regulatory standard during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters of the reporting period. Xylene concentrations ranged from 242 µg/L during the 1<sup>st</sup> quarter to 492 µg/L during the 2<sup>nd</sup> quarter of 2006. Xylene concentrations were below regulatory standard during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters of the reporting period. Analytical results of PAH analysis indicate the naphthalene concentration was 44.2 µg/L during the 1<sup>st</sup> quarter of the reporting period. This concentration is above the NMOCD remedial threshold.

**Monitor well MW-4** is sampled on an annual schedule and analytical results indicate all constituents of BTEX were below the laboratory method detection limit (MDL) and NMOCD regulatory standards during the 1<sup>st</sup> quarter 2006 sampling event. Analytical results of PAH analysis indicate the naphthalene concentration was 0.121 µg/L during the 1<sup>st</sup> quarter of the reporting period. This concentration is below the NMOCD remedial threshold.

**Monitor well MW-5** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 9.46 µg/L during the 2<sup>nd</sup> quarter to 37.1 µg/L during the 4<sup>th</sup> quarter. Benzene concentrations were above the NMOCD regulatory standard during the 1<sup>st</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period. Toluene concentrations ranged from <1 µg/L during the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> quarters to 1.6 µg/L during the 2<sup>nd</sup> quarter. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <2 µg/L during the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> quarters to 2.75 µg/L during the 4<sup>th</sup> quarter. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Xylene concentrations ranged from <3 µg/L during the 1<sup>st</sup> and 2<sup>nd</sup> quarters to 4.24 µg/L during the 4<sup>th</sup> quarter of 2006. Xylene concentrations were below regulatory standard during all four (4) quarters of the reporting period. Analytical results of PAH analysis indicate the naphthalene concentration was 3.07 µg/L during the 1<sup>st</sup> quarter of the reporting period. This concentration is below the NMOCD remedial threshold.

**Monitor well MW-6** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <1 µg/L during the 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> quarters to 1.07 µg/L during the 4<sup>th</sup> quarter. Benzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <1 µg/L during the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> quarters to 2.12 µg/L during the 1<sup>st</sup> quarter. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Xylene concentrations were below the MDL and NMOCD regulatory standard during all four (4) quarters of the reporting period. Analytical results of PAH analysis indicate the naphthalene concentration was <0.05 µg/L during the 1<sup>st</sup> quarter of the reporting period. This concentration is below the NMOCD remedial threshold.

**Monitor well MW-7** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 1010 µg/L during the 1<sup>st</sup> quarter to 2250 µg/L during the 4<sup>th</sup> quarter. Benzene concentrations were above the NMOCD regulatory standard all four (4) quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 483 µg/L during the 2<sup>nd</sup> quarter to 1130 µg/L during the 4<sup>th</sup> quarter. Ethylbenzene concentrations

were above the NMOCD regulatory standard during the 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period. Xylene concentrations ranged from 289 µg/L during the 2<sup>nd</sup> quarter to 871 µg/L during the 3<sup>rd</sup> quarter. Xylene concentrations were above the NMOCD regulatory standard during the 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period. Analytical results of PAH analysis indicate the naphthalene concentration was <0.05 µg/L during the 1<sup>st</sup> quarter of the reporting period. This concentration is below the NMOCD remedial threshold.

**Monitor well MW-8** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <1 µg/L during the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters to 7.91 µg/L during the 1<sup>st</sup> quarter. Benzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Toluene concentrations ranged from <1 µg/L during the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters to 3.99 µg/L during the 1<sup>st</sup> quarter. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <12.9 µg/L during the 2<sup>nd</sup> quarter to 22 µg/L during the 3<sup>rd</sup> quarter. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Xylene concentrations ranged from <3 µg/L during the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters to 18.7 µg/L during the 1<sup>st</sup> quarter. Xylene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Analytical results of PAH analysis of samples collected on March 22, 2006, indicates the naphthalene concentration was 0.51 µg/L. This concentration is below the NMOCD remedial threshold.

**Monitor well MW-9** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <1 µg/L during the 3<sup>rd</sup> and 4<sup>th</sup> quarters to 7.40 µg/L during the 2<sup>nd</sup> quarter. Benzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Toluene concentrations ranged from <1 µg/L during the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters to 2.38 µg/L during the 1<sup>st</sup> quarter. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <1 µg/L during the 3<sup>rd</sup> and 4<sup>th</sup> quarters to 15.7 µg/L during the 2<sup>nd</sup> quarter. Ethylbenzene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Xylene concentrations ranged from <3 µg/L during the 3<sup>rd</sup> and 4<sup>th</sup> quarters to 8.48 µg/L during the 2<sup>nd</sup> quarter. Xylene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Analytical results of PAH analysis of samples collected on March 22, 2006, indicates the naphthalene concentration was 0.163 µg/L. This concentration is below the NMOCD remedial threshold.

**Monitor well MW-10** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 20.5 µg/L during the 4<sup>th</sup> quarter to 1740 µg/L during the 1<sup>st</sup> quarter. Benzene concentrations were above the NMOCD regulatory standard all four (4) quarters of the reporting period. Toluene concentrations ranged from <1 µg/L during the 2<sup>nd</sup> and 4<sup>th</sup> quarters to 2.40 µg/L during the 1<sup>st</sup> quarter. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 23.2 µg/L during the 4<sup>th</sup> quarter to 2090 µg/L during the 1<sup>st</sup> quarter. Ethylbenzene concentrations were above the NMOCD regulatory standard during the 1<sup>st</sup> quarter of the reporting period. Xylene concentrations ranged from 2.55 µg/L during the 4<sup>th</sup> quarters to 597 µg/L during the 1<sup>st</sup> quarter. Xylene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Analytical results of PAH analysis of samples

collected on March 22, 2006, indicates the naphthalene concentration was 0.76 µg/L. This concentration is below the NMOCD remedial threshold.

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 ten (10) groundwater monitor wells (MW-1 through MW-10) on site. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.007 feet/foot to the south-southeast.

During the 2006 reporting period, no PSH was reported in any of the site monitor wells.

Review of the laboratory analytical results of the groundwater samples obtained during this annual reporting period indicate BTEX constituent concentrations are below the applicable NMOCD regulatory standards in three (3) of the ten (10) monitor wells on site. Analytical results indicate naphthalene concentrations exceed the NMOCD remedial threshold in two (2) of the on site monitor wells.

## **ANTICIPATED ACTIONS**

Quarterly monitoring and groundwater sampling will continue in 2007. Gauging will continue on a monthly schedule and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2008.

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

## **LIMITATIONS**

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

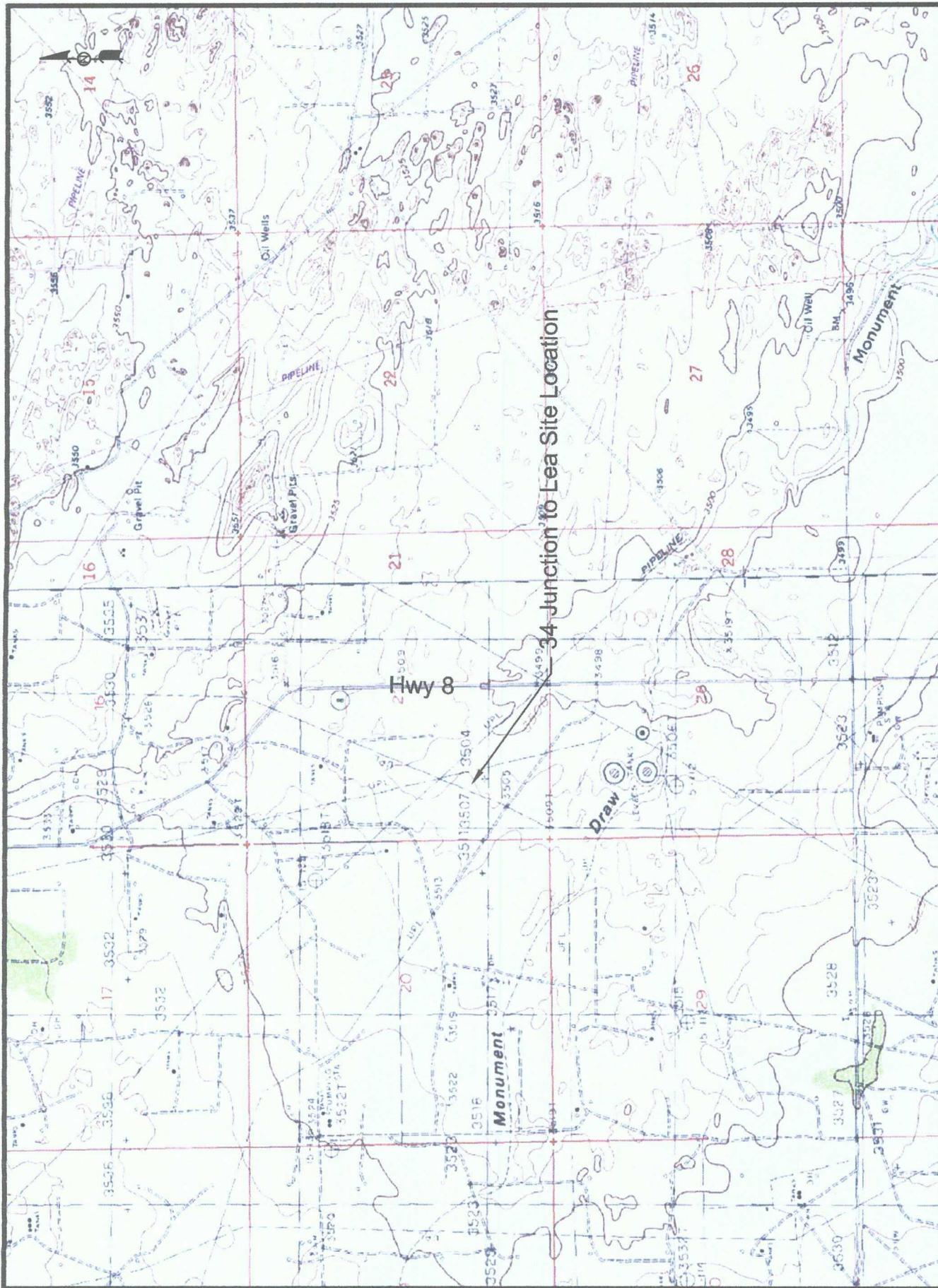
NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals and information generated by EPI. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness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

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

## DISTRIBUTION

- Copy 1      Ben Stone  
New Mexico Energy, Minerals and Natural Resources Department  
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2057 Commerce Street  
Midland, TX 79703  
cstanley@novatraining.cc

**FIGURES**



Lat. N32° 33' 18.8"N Long. W103° 15' 39.7"W

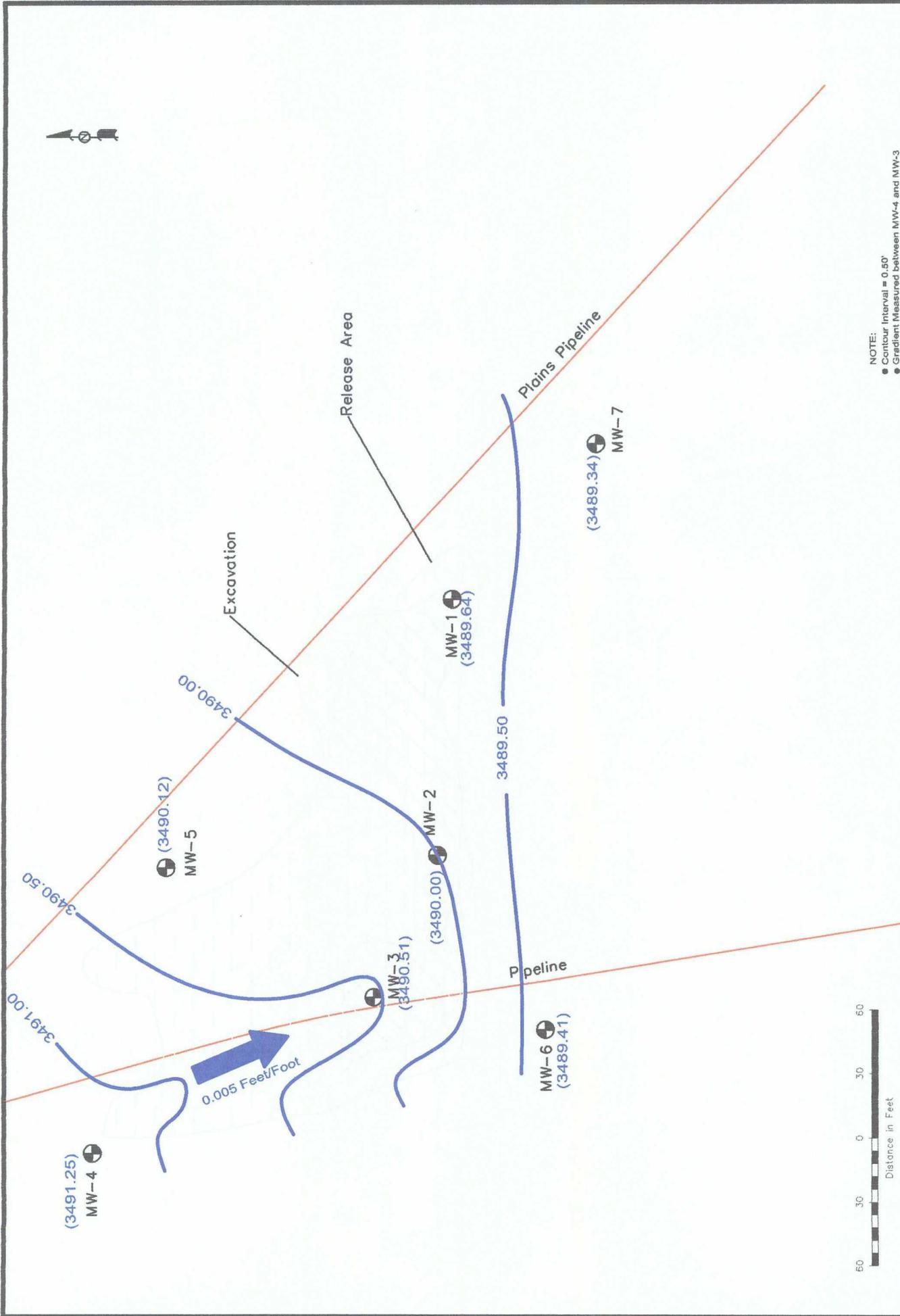
Figure 1  
 Site Location Map  
 Plains Marketing, L.P.  
 34 Junction to Lea  
 Lea County, NM

NOVA Safety and Environmental

NOVA  
 safety and environmental

Scale: NTS  
 March 24, 2007

Drawn By: CDS | Prepared By: CDS  
 NW1/4 SW1/4 Sec 21 T03 R07E



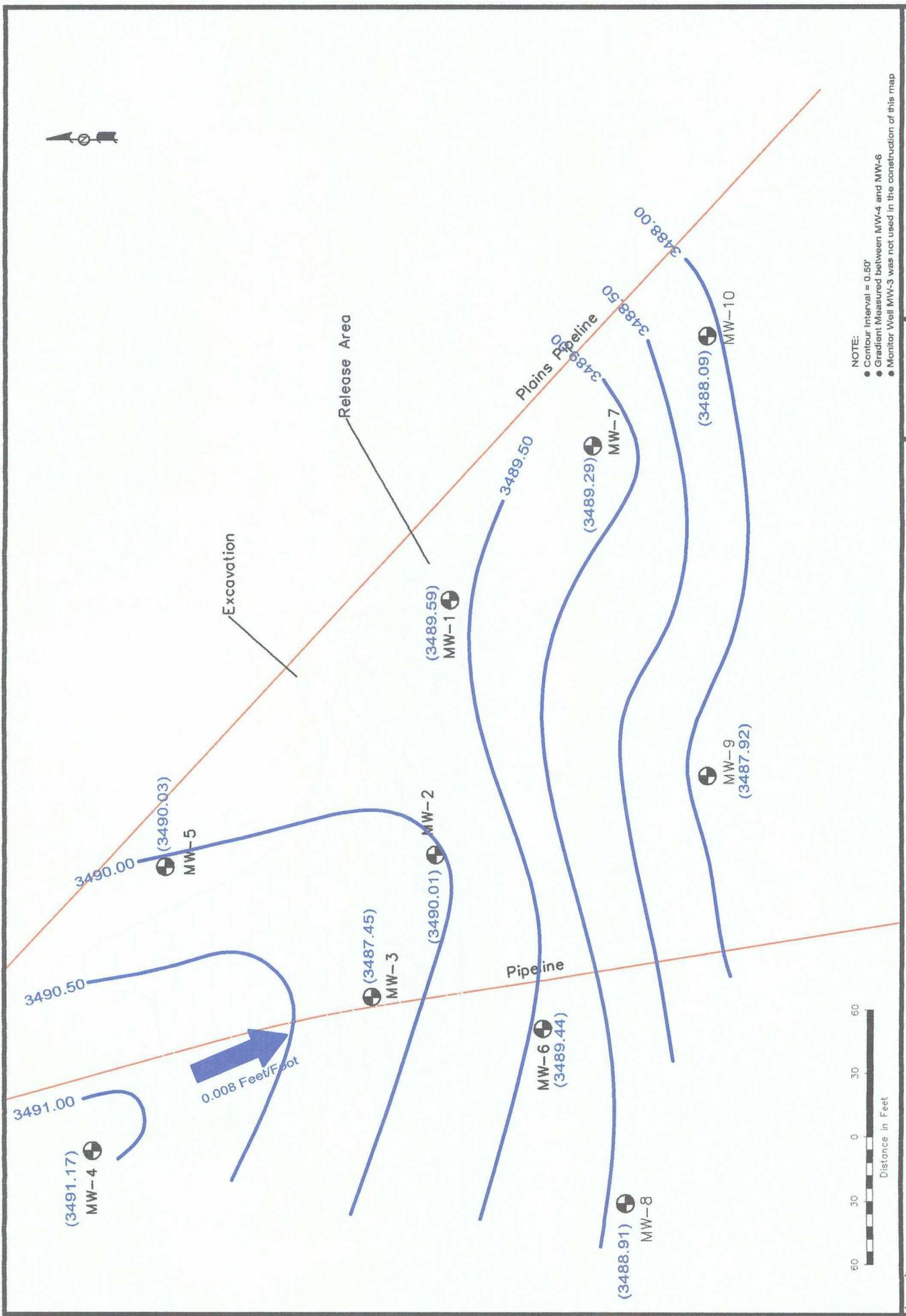
NOTE:  
 ● Contour Interval = 0.50'  
 ● Gradient Measured between MW-4 and MW-3

**Legend:**

- Monitor Well Location
- (3791.69) Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line
- Pipeline

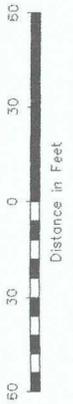
**Figure 2A**  
 Groundwater Gradient  
 Map (02/14 to 02/15/06)  
 Plains Marketing, L.P.  
 34 Junction to Lea  
 Lea County, NM

**NOVA**  
 Environmental  
 Scale: 1" = 60'  
 March 24, 2007  
 Checked By: CDS



NOTE:

- Contour Interval = 0.50'
- Gradient Measured between MW-4 and MW-6
- Monitor Well MW-3 was not used in the construction of this map



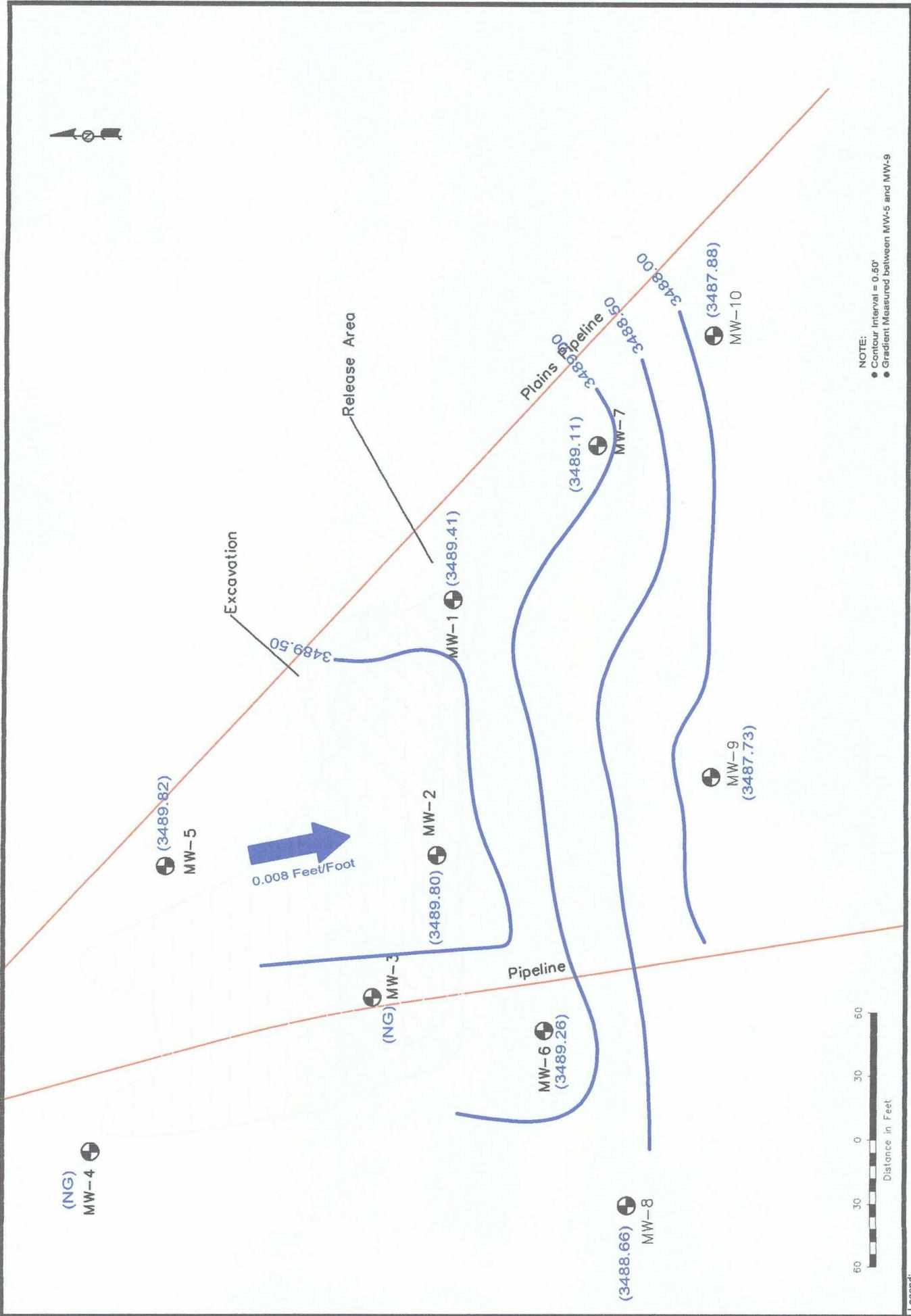
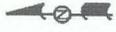
**Legend:**

- Monitor Well Location
- Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line
- Pipeline
- Groundwater Direction and Magnitude

Figure 2B  
Groundwater Elevation Contour  
Plains Pipeline, L.P.  
34 Junction to Lea  
Lea County, NM

NOVA  
NOVA Safety and Environmental

Scale: 1" = 60'  
Map: 24, 2007  
CAD By: DGC  
Checked By: CDS



NOTE:  
 ● Contour Interval = 0.50'  
 ● Gradient Measured between MW-5 and MW-9



Legend:

● Monitor Well Location

(3791.69) Groundwater Elevation (Feet)

— Groundwater Elevation Contour Line

0.008 Feet/Foot

Groundwater Direction and Magnitude

(NG) Not Gauged

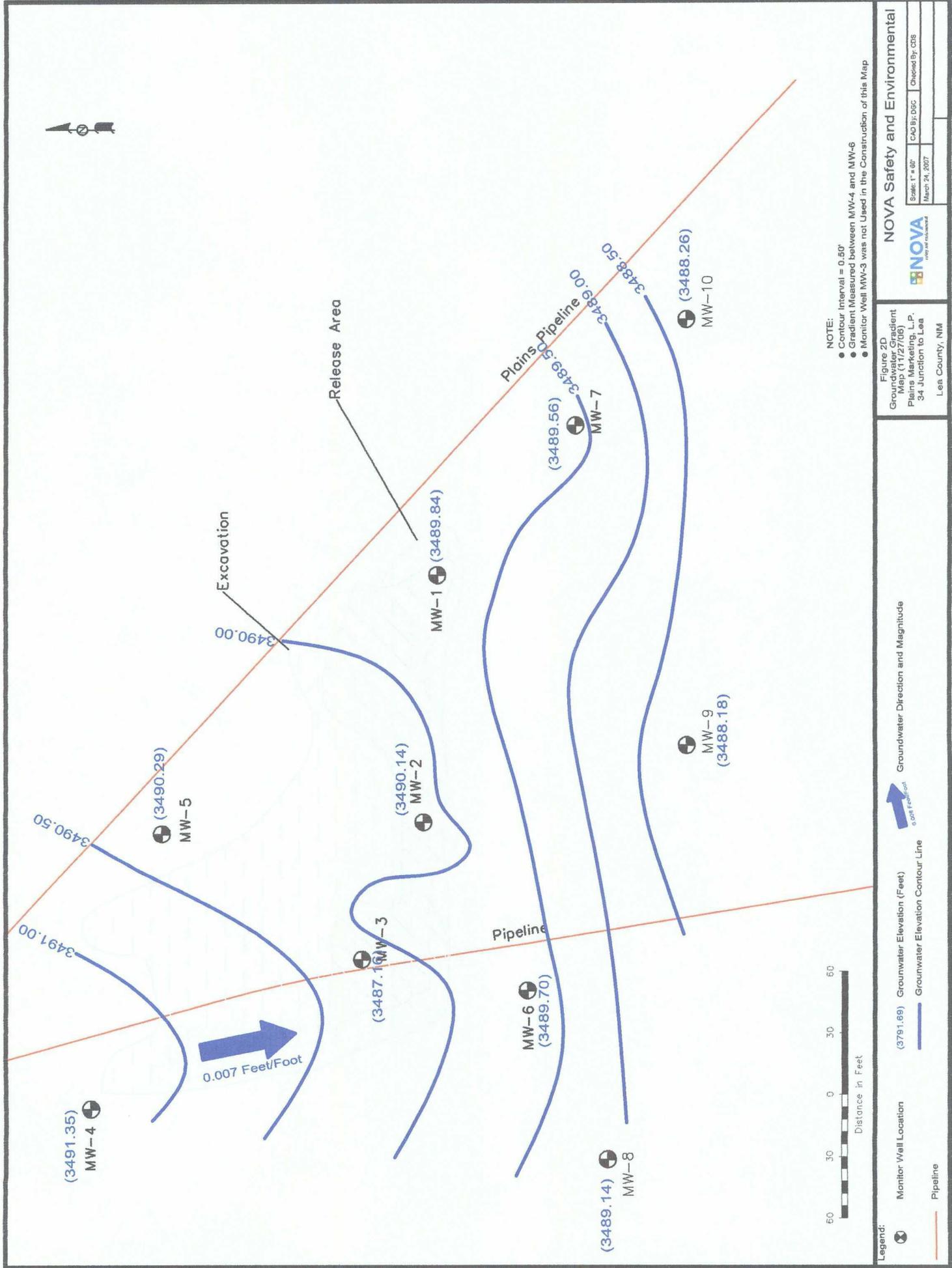
— Pipeline

Figure 2C  
 Groundwater Gradient  
 Map (08/09/06)  
 Plains Marketing, L.P.  
 34 Junction to Lea  
 Lea County, NM

NOVA Safety and Environmental



Scale: 1" = 60'  
 CAD By: DSC  
 Checked By: CDS  
 March 24, 2007



NOTE:

- Contour Interval = 0.50'
- Gradient Measured between MW-4 and MW-6
- Monitor Well MW-3 was not Used in the Construction of this Map

Figure 2D  
Groundwater Gradient  
Map (11/27/06)  
Plains Marketing, L.P.,  
34 Junction to Lea  
Lea County, NM

NOVA  
NOVA Safety and Environmental

Scale: 1" = 60'  
CAD By: DGC  
Checked By: CDS  
March 24, 2007

Legend:

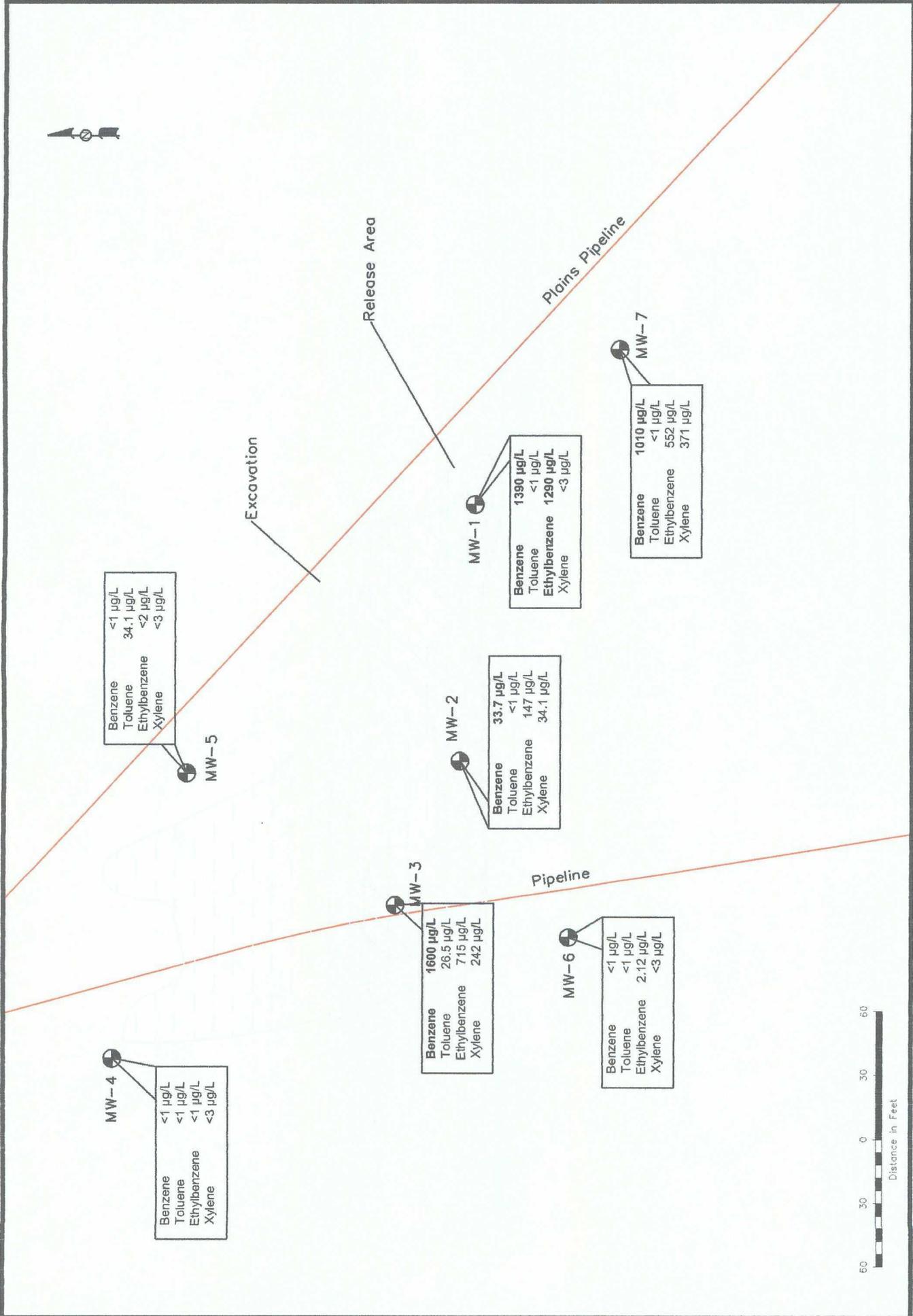
- Monitor Well Location
- Groundwater Elevation (Feet)
- Groundwater Elevation Contour Line
- Pipeline

0.007 Feet/Foot

Groundwater Direction and Magnitude

Distance in Feet

0 30 60



**Legend:**

- Monitor Well Location
- Pipeline
- Inferred PSH Extent
- PSH Thickness (in feet): 0.15' <0.001
- Constituent Concentration (micrograms/L)

Figure 3A  
 Information and  
 Disclosures Incident  
 Map (02/14 to 02/15/06)  
 Plains Marketing, L.P.  
 34 Junction to Lea  
 Lea County, NM



MW-4  
NS

Benzene <1 µg/L  
Toluene 10.50 µg/L  
Ethylbenzene <2 µg/L  
Xylene <3 µg/L

MW-5

Excavation

Release Area

MW-3

Benzene 3600 µg/L  
Toluene <100 µg/L  
Ethylbenzene 703 µg/L  
Xylene 492 µg/L

MW-2

Benzene 1530 µg/L  
Toluene 2.29 µg/L  
Ethylbenzene 381 µg/L  
Xylene 199 µg/L

MW-1

Benzene 1720 µg/L  
Toluene 2.94 µg/L  
Ethylbenzene 1530 µg/L  
Xylene 338 µg/L

Pipeline

MW-6

Benzene <1 µg/L  
Toluene <1 µg/L  
Ethylbenzene <1 µg/L  
Xylene <3 µg/L

Plains Pipeline

MW-7

Benzene 1030 µg/L  
Toluene <1 µg/L  
Ethylbenzene 483 µg/L  
Xylene 289 µg/L

MW-8

Benzene <1 µg/L  
Toluene <1 µg/L  
Ethylbenzene 12.9 µg/L  
Xylene <3 µg/L

MW-9

Benzene 7.40 µg/L  
Toluene <1 µg/L  
Ethylbenzene 15.7 µg/L  
Xylene 8.48 µg/L

MW-10

Benzene 68.6 µg/L  
Toluene <1 µg/L  
Ethylbenzene 82.9 µg/L  
Xylene 22.4 µg/L



**Legend:**

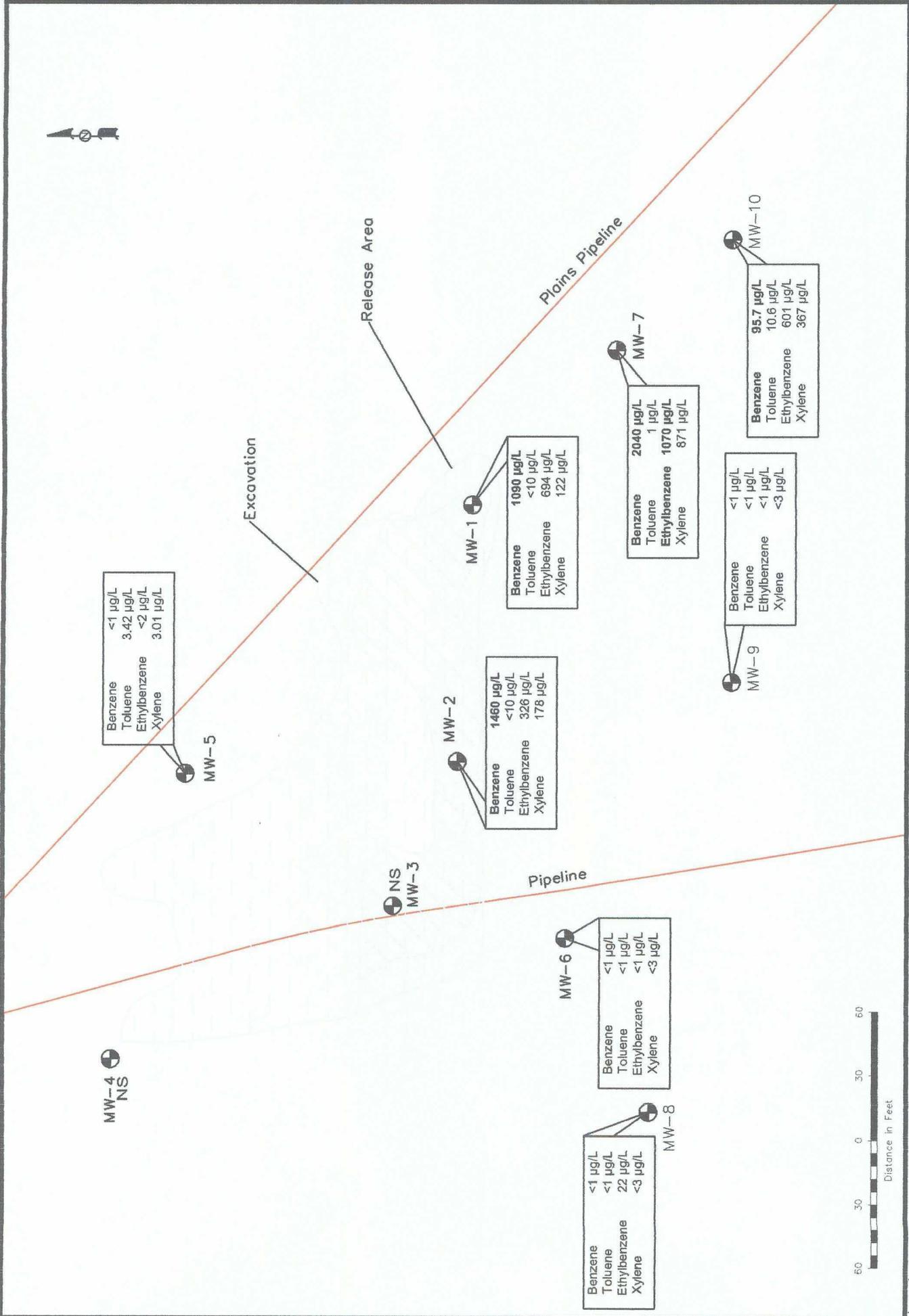
- Monitor Well Location
- Pipeline
- Inferred PSH Extent
- PSH Thickness (in feet)
- Constituent Concentration (micrograms/L)
- NS Not Sampled

0.18' <0.001

**Figure 3B**  
Inferred PSH and  
Dispersal Map (05/23/06) Client  
Plains Marketing, L.P.  
34 Junction to Lea  
Lea County, NM

**NOVA**  
NOVA Safety and Environmental

Scale: 1" = 60'  
Checked By: CBS  
March 25, 2007



**Legend:**

- Monitor Well Location
- Inferred PSH Extent
- PSH Thickness (in feet)
- Constituent Concentration (micrograms/L)
- Pipeline

NS Not Sampled

0.18'

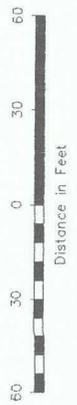
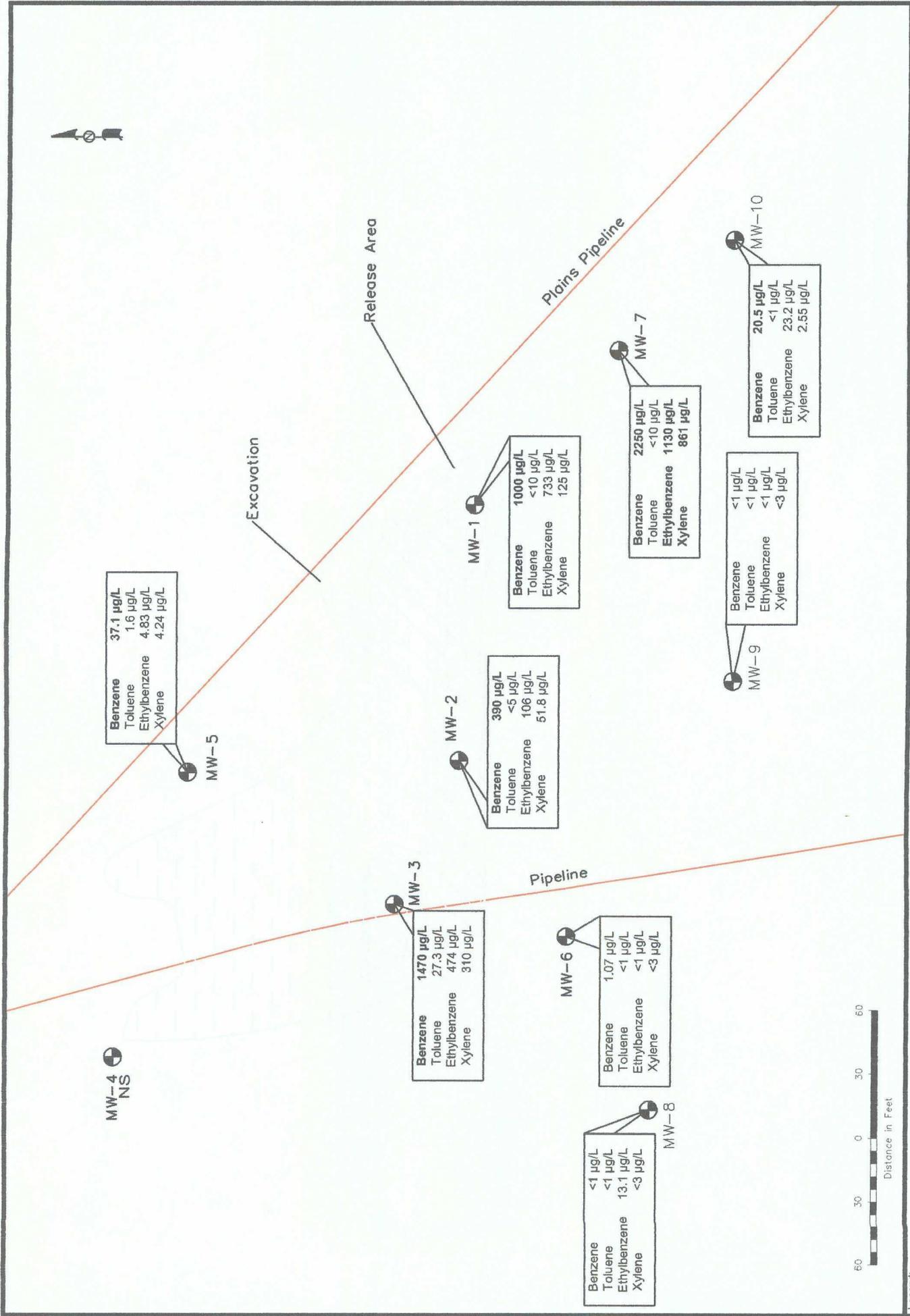
<0.001

**NOVA Safety and Environmental**

NOVA

Figure 3C  
Inferred PSH and  
Disclosed Phase 2 Extent  
Map (08/09/06)  
Plains Marketing, L.P.  
34 Junction to Lea  
Lea County, NM

Scale: 1" = 90'  
March 25, 2007  
CAD by: PGC  
Checked By: CDB



**Legend:**

- Monitor Well Location
- Pipeline
- Inferred PSH Extent
- PSH Thickness (in feet)
- Constituent Concentration (micrograms/L)
- NS Not Sampled

**Figure 3D**  
 Inferred PSH and Dissolved PSH Present Map (11/27/06)  
 Plains Marketing, L.P.,  
 34 Junction to Lea  
 Lea County, NM

**NOVA Safety and Environmental**  
 Scale: 1" = 60'  
 CAD By: DEC | Checked By: CBS  
 March 25, 2007

**TABLES**

TABLE 1

## 2006 Ground Water Elevation Data

Plains Marketing, L.P.  
34 Junction to Lea  
Plains EMS #2002-10286

Well Number	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation	PSH Recovery
MW-1	02/15/06	3,508.17	-	18.53	0.00	3,489.64	-
	03/13/06	3,508.17	-	18.56	0.00	3,489.61	-
	05/23/06	3,508.17	-	18.58	0.00	3,489.59	-
	07/20/06	3,508.17	-	18.89	0.00	3,489.28	-
	08/09/06	3,508.17	-	18.76	0.00	3,489.41	-
	10/18/06	3,508.17	-	18.34	0.00	3,489.83	-
	11/27/06	3,508.17	-	18.33	0.00	3,489.84	-
	12/11/06	3,508.17	-	18.35	0.00	3,489.82	-
MW-2	02/15/06	3,501.45	-	11.45	0.00	3,490.00	-
	03/13/06	3,501.45	-	11.57	0.00	3,489.88	-
	05/23/06	3,501.45	-	11.44	0.00	3,490.01	-
	07/20/06	3,501.45	-	11.77	0.00	3,489.68	-
	08/09/06	3,501.45	-	11.65	0.00	3,489.80	-
	10/18/06	3,501.45	-	11.25	0.00	3,490.20	-
	11/27/06	3,501.45	-	11.31	0.00	3,490.14	-
	12/11/06	3,501.45	-	11.36	0.00	3,490.09	-
MW-3	02/15/06	3,495.97	-	5.46	0.00	3,490.51	-
	03/13/06	3,495.97	-	9.20	0.00	3,486.77	-
	05/23/06	3,495.97	-	8.52	0.00	3,487.45	-
	07/20/06	3,495.97	-	8.85	0.00	3,487.12	-
	08/09/06	3,495.97	-	NOT SAMPLED			
	10/18/06	3,495.97	-	8.65	0.00	3,487.32	-
	11/27/06	3,495.97	-	8.81	0.00	3,487.16	-
	12/11/06	3,495.97	-	9.19	0.00	3,486.78	-
MW-4	02/15/06	3,509.01	-	17.76	0.00	3,491.25	-
	03/13/06	3,509.01	-	17.80	0.00	3,491.21	-
	05/23/06	3,509.01	-	17.84	0.00	3,491.17	-
	07/20/06	3,509.01	-	18.26	0.00	3,490.75	-
	08/09/06	3,509.01	-	NOT SAMPLED			
	10/18/06	3,509.01	-	17.64	0.00	3,491.37	-
11/27/06	3,509.01	-	17.66	0.00	3,491.35	-	
MW-5	02/15/06	3,508.74	-	18.62	0.00	3,490.12	-
	03/13/06	3,508.74	-	18.62	0.00	3,490.12	-
	05/23/06	3,508.74	-	18.71	0.00	3,490.03	-
	07/20/06	3,508.74	-	19.05	0.00	3,489.69	-
	08/09/06	3,508.74	-	18.92	0.00	3,489.82	-
	10/18/06	3,508.74	-	18.45	0.00	3,490.29	-
	11/27/06	3,508.74	-	18.45	0.00	3,490.29	-
	12/11/06	3,508.74	-	18.46	0.00	3,490.28	-
MW-6	02/15/06	3,509.76	-	20.35	0.00	3,510.76	-
	03/13/06	3,509.76	-	20.36	0.00	3,510.76	-
	05/23/06	3,509.76	-	20.32	0.00	3,510.76	-

TABLE 1

2006 Ground Water Elevation Data

Plains Marketing, L.P.  
34 Junction to Lea  
Plains EMS #2002-10286

Well Number	Date Measured	Casing Well Elevation	Depth To Product	Depth To Water	PSH Thickness	Corrected Groundwater Elevation	PSH Recovery	
MW-6	07/20/06	3,509.76	-	20.63	0.00	3,510.76	-	
	08/09/06	3,509.76	-	20.50	0.00	3,510.76	-	
	10/18/06	3,509.76	-	20.08	0.00	3,510.76	-	
	11/27/06	3,509.76	-	20.06	0.00	3,510.76	-	
	12/11/06	3,509.76	-	36.60	0.00	3,510.76	-	
	01/04/06	3,509.76	-	20.17	0.00	3,510.76	-	
MW-7	02/15/06	3,507.38	-	18.04	0.00	3,489.34	-	
	03/13/06	3,507.38	-	18.05	0.00	3,489.33	-	
	05/23/06	3,507.38	-	18.09	0.00	3,489.29	-	
	07/20/06	3,507.38	-	18.45	0.00	3,488.93	-	
	08/09/06	3,507.38	-	18.27	0.00	3,489.11	-	
	10/18/06	3,507.38	-	17.86	0.00	3,489.52	-	
	11/27/06	3,507.38	-	17.82	0.00	3,489.56	-	
	12/11/06	3,507.38	-	29.80	0.00	3,477.58	-	
MW-8	03/16/06		WELL INSTALLED 3/16/2006					
	03/22/06	3,512.14	-	22.87	0.00	3,489.27	-	
	05/23/06	3,512.14	-	23.23	0.00	3,488.91	-	
	07/20/06	3,512.14	-	23.62	0.00	3,488.52	-	
	08/09/06	3,512.14	-	23.48	0.00	3,488.66	-	
	10/18/06	3,512.14	-	23.04	0.00	3,489.10	-	
	11/27/06	3,512.14	-	23.00	0.00	3,489.14	-	
	12/11/06	3,512.14	-	23.00	0.00	3,489.14	-	
MW-9	03/16/06		WELL INSTALLED 3/16/2006					
	03/22/06	3,509.34	-	21.07	0.00	3,488.27	-	
	05/23/06	3,509.34	-	21.42	0.00	3,487.92	-	
	07/20/06	3,509.34	-	21.81	0.00	3,487.53	-	
	08/09/06	3,509.34	-	21.61	0.00	3,487.73	-	
	10/18/06	3,509.34	-	21.31	0.00	3,488.03	-	
	11/27/06	3,509.34	-	21.16	0.00	3,488.18	-	
	12/11/06	3,509.34	-	21.23	0.00	3,488.11	-	
MW-10	03/16/06		WELL INSTALLED 3/16/2006					
	03/22/06	3,506.66	-	18.22	0.00	3,488.44	-	
	05/23/06	3,506.66	-	18.57	0.00	3,488.09	-	
	07/20/06	3,506.66	-	18.98	0.00	3,487.68	-	
	08/09/06	3,506.66	-	18.78	0.00	3,487.88	-	
	10/18/06	3,506.66	-	18.37	0.00	3,488.29	-	
	11/27/06	3,506.66	-	18.30	0.00	3,488.36	-	
12/11/06	3,506.66	-	18.33	0.00	3,488.33	-		

\* Corrected Groundwater Elevation = Top of Casing Elevation - (Depth to Water Below Top of Casing - (SG)(PSH Thickness).

- Not Detected

TABLE 2

## 2006 Concentrations of BTEX in Groundwater

Plains Marketing, L.P.  
34 Junction to Lea  
Plains EMS# 2002-10286

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylenes (µg/L)	o-Xylene (µg/L)	Total Xylenes (µg/L)
NMOCD Regulatory Limit		10 (µg/L)	750 (µg/L)	750 (µg/L)			620 (µg/L)
MW-1	02/15/06	1,390	<1	1,290	<2	<1	<3
	05/23/06	1,720	2.94	1,530	330	7.93	338
	08/09/06	1,090	<10	694	122	<10	122
	11/27/06	1,000	<10	733	125	<10	125
MW-2	02/15/06	33.7	<1	147	34.1	<1	34.1
	05/23/06	1,530	2.29	381	196	2.61	199
	08/09/06	1,460	<10	326	178	<10	178
	11/27/06	390	<5	106	51.8	<5	51.8
MW-3	02/15/06	1,600	26.5	715	242	<1	242
	05/23/06	3,600	<100	703	492	<100	492
	08/09/06	Not Sampled					
	11/27/06	1,470	27.3	474	292	18.6	310
MW-4	02/15/06	<1	<1	<1	<2	<1	<3
	05/23/06	Not Sampled on Current Sample Schedule					
	08/09/06	Not Sampled on Current Sample Schedule					
	11/27/06	Not Sampled on Current Sample Schedule					
MW-5	02/15/06	12.1	<1	34.1	<2	<1	<3
	05/23/06	9.46	<1	10.50	<2	<1	<3
	08/09/06	28.50	<1	3.42	<2	3.01	3.01
	11/27/06	37.1	1.6	4.83	2.75	1.49	4.24
MW-6	02/15/06	<1	<1	2.12	<2	<1	<3
	05/23/06	<1	<1	<1	<2	<1	<3
	08/09/06	<1	<1	<1	<2	<1	<3
	11/27/06	1.07	<1	<1	<2	<1	<3
MW-7	02/15/06	1,010	<1	552	371	<1	371
	05/23/06	1,030	<1	483	285	4.22	289
	08/09/06	2,040	1	1,070	859	11.6	871
	11/27/06	2,250	<10	1,130	861	<10	861
MW-8	03/22/06	7.91	3.99	17.3	15.2	3.5	18.7
	05/23/06	<1	<1	12.9	<2	<1	<3

**TABLE 2**

**2006 Concentrations of BTEX in Groundwater**

**Plains Marketing, L.P.**

**34 Junction to Lea**

**Plains EMS# 2002-10286**

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylenes (µg/L)	o-Xylene (µg/L)	Total Xylenes (µg/L)
<b>NMOCD Regulatory Limit</b>		<b>10 (µg/L)</b>	<b>750 (µg/L)</b>	<b>750 (µg/L)</b>			<b>620 (µg/L)</b>
MW-8	08/09/06	<1	<1	22	<2	<1	<3
	11/27/06	<1	<1	13.1	<2	<1	<3
MW-9	03/22/06	2.38	2.38	3.31	4.79	1.19	5.98
	05/23/06	7.40	<1	15.7	8.48	<1	8.48
	08/09/06	<1	<1	<1	<2	<1	<3
	11/27/06	<1	<1	<1	<2	<1	<3
MW-10	03/22/06	1,740	204	2,090	430	167	597
	05/23/06	68.6	<1	82.9	10.5	11.9	22.4
	08/09/06	95.7	10.6	601	196	171	367
		20.5	<1	23.2	2.55	<1	2.55
Pit West	03/13/06	4.1	<1	2.39	<2	<1	<3
Pit East	03/13/06	5.87	<1	<1	<2	<1	<3
<b>NMOCD Remedial Thresholds</b>		<b>10</b>	<b>750</b>	<b>750</b>			<b>620</b>

TABLE 3

2006 Concentrations of TPH and BTEX in Soil  
 Plains Marketing, L.P.  
 Junction 34 to Lea (Ref.# 2002-10286)

Sample Location	Sample I.D.	Depth (feet)	Soil Status	Sample Date	Field Analysis for Organic Vapors (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
Monitor Well 8	MW-8 5'-6'	5-6	In Situ	16-Mar-06	4.7	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-8 10'-11'	10-11	In Situ	16-Mar-06	2.1	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-8 15'-16'	15-16	In Situ	16-Mar-06	1.1	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-8 20'-21'	20-21	In Situ	16-Mar-06	0.8	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
Monitor Well 9	MW-9 5'-6'	5-6	In Situ	16-Mar-06	1	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	57.0	57.0
	MW-9 10'-11'	10-11	In Situ	16-Mar-06	2	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-9 15'-16'	15-16	In Situ	16-Mar-06	2	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
Monitor Well 10	MW-10 5'-6'	5-6	In Situ	16-Mar-06	7	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-10 10'-11'	10-11	In Situ	16-Mar-06	3	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	574	574
	MW-10 15'-16'	15-16	In Situ	16-Mar-06	242	0.0595	0.247	1.35	1.37	3.03	31.9	118	150
<b>NMOCD Remedial Thresholds</b>													
					100	10				50			100

**Bolded values are in excess of NMWQCC groundwater standards.**

<sup>A</sup> Estimated concentration; analyte detected below method detection limits

<sup>B</sup> Detected, but below the Reporting Limit; therefore, result is an estimated concentration.

TABLE 4

2006 Concentrations of PAH in Groundwater  
 Plains Marketing, L.P.  
 Junction 34 to Lea - Ref #2002-10286.

Monitor Well Location	Date	Naphthalene (µg/L)	Acenaphthylene (µg/L)	Acenaphthene (µg/L)	Flourene (µg/L)	Phenanthrene (µg/L)	Anthracene (µg/L)	Fluoranthene (µg/L)	Pyrene (µg/L)	Benzo[a]anthracene (µg/L)	Chrysene (µg/L)	Benzo[b]-fluoranthene (µg/L)	Benzo[k]fluoranthene (µg/L)	Benzo[a]pyrene (µg/L)	Indeno[1,2,3-cd]pyrene (µg/L)	Dibenz[a,h]anthracene (µg/L)	Benzo[ghi]perylene (µg/L)
MW-1	02/15/06	51.1	0.101	0.128	1.06	0.629	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	05/23/06									NOT ANALYZED							
	08/09/06									NOT ANALYZED							
MW-2	11/27/06									NOT ANALYZED							
	02/15/06	10.4	<0.05	0.092	0.466	0.362	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	05/23/06									NOT ANALYZED							
MW-3	08/09/06									NOT ANALYZED							
	11/27/06									NOT ANALYZED							
	02/15/06	44.2	0.279	0.426	2.71	2.68	<0.05	0.145	0.215	<0.05	0.407	0.057	<0.05	<0.05	<0.05	<0.05	<0.05
MW-4	05/23/06									NOT ANALYZED							
	08/09/06									NOT ANALYZED							
	11/27/06									NOT ANALYZED							
MW-5	02/15/06	0.121	<0.05	<0.05	0.240	0.235	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	05/23/06									NOT ANALYZED							
	08/09/06									NOT ANALYZED							
MW-6	11/27/06									NOT ANALYZED							
	02/15/06	3.07	<0.05	<0.05	0.384	0.274	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	05/23/06									NOT ANALYZED							
MW-7	08/09/06									NOT ANALYZED							
	11/27/06									NOT ANALYZED							
	02/15/06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW-8	05/23/06									NOT ANALYZED							
	08/09/06									NOT ANALYZED							
	11/27/06									NOT ANALYZED							
MW-8	02/15/06									NOT ANALYZED							
	03/22/06	0.51	<0.05	<0.05	0.052	0.06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	05/23/06									NOT ANALYZED							
MW-8	08/09/06									NOT ANALYZED							
	11/27/06									NOT ANALYZED							
	02/15/06									NOT ANALYZED							

TABLE 4

2006 Concentrations of PAH in Groundwater  
 Plains Marketing, L.P.  
 Junction 34 to Lea - Ref #2002-10286.

Monitor Well Location	Date	Naphthalene (µg/L)	Acenaphthylene (µg/L)	Acenaphthene (µg/L)	Flourene (µg/L)	Phenanthrene (µg/L)	Anthracene (µg/L)	Fluoranthene (µg/L)	Pyrene (µg/L)	Benzo[a]-anthracene (µg/L)	Chrysene (µg/L)	Benzo[b]-fluoranthene (µg/L)	Benzo[k]-fluoranthene (µg/L)	Benzo[a]-pyrene (µg/L)	Indeno[1,2,3-cd]-pyrene (µg/L)	Dibenz[a,h]-anthracene (µg/L)	Benzo[ghi]perylene (µg/L)		
MW-9	02/15/06																		
	03/22/06	0.163	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
	05/23/06																		
	08/09/06																		
	11/27/06																		
MW-10	02/15/06																		
	03/22/06	0.76	<0.05	<0.05	0.13	0.116	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	05/23/06																		
	08/09/06																		
	11/27/06																		
NMOCD Remedial Thresholds		30																	

Red, bolded values are in excess of the New Mexico WQCC

--- Parameter was not analyzed

# APPENDICES

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

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised March 17, 1999

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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 of Company <b>EOTT Energy LLC</b>	Contact <b>Frank Hernandez</b>
Address PO Box 1660 5805 East Highway 80 Midland, Texas 79702	Telephone No. 915.638.3799
Facility Name Junction JCT 34 Line to Lea #2002-10286	Facility Type 10" Steel Pipeline

Surface Owner Deck Estate	Mineral Owner	Lease No.
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**LOCATION OF RELEASE**

Unit Letter 21	Section 21	Township T20S	Range R37E	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea Lat. 32 32' 20.828"N Lon. 103 15' 38.480"W
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**NATURE OF RELEASE**

Type of Release Crude Oil	Volume of Release 300 bbls barrels	Volume Recovered 190 bbls barrels
Source of Release 8" Steel Pipeline	Date and Hour of Occurrence 11-06-02 @ 11:00 AM	Date and Hour of Discovery 11-6-02 @ 4:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Paul Sheeley	
By Whom? Pat McCasland, EPI	Date and Hour 11-07-02 @ 6:30 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* Pipe repair clamp installed.		
Describe Area Affected and Cleanup Action Taken.* Site will be delineated and a remediation plan developed. Remedial Goals: TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Frank Hernandez	Approved by District Supervisor:	
Title: District Environmental Supervisor	Approval Date:	Expiration Date:
Date: 9-10-02                      Phone: 915.638.3799	Conditions of Approval:	Attached <input type="checkbox"/>

\* Attach Additional Sheets If Necessary