



**2018 ANNUAL MONITORING REPORT AND
GROUNDWATER / SITE CLOSURE REQUEST**

LF-59

**LEA COUNTY, NEW MEXICO
NW ¼ SW ¼ SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST
PLAINS SRS NUMBER: TNM-LF-59
NMOCD FILE NUMBER: 1R-0103**

PREPARED FOR:

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January 2019


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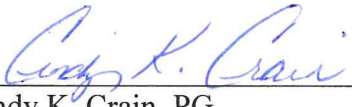

Cindy K. Crain, PG
Senior Project Manager

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Table 1 – Comprehensive Groundwater Elevation Data

Table 2 – Comprehensive Concentrations of BTEX in Groundwater

ENCLOSED ON DATA DISK

Groundwater and Site Closure Request

Figures 1, 2, 3A through 3H, and 4A through 4H – Site Location Map, Site Map, Inferred Groundwater Gradient Maps, and Groundwater Concentration and Inferred PSH Extent Maps

Tables 1 and 2 – Comprehensive Groundwater Elevation Data and Comprehensive Concentrations of BTEX in Groundwater

Electronic Copies of Laboratory Reports

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2018 Annual Monitoring Report and Groundwater / Site Closure Request for the LF-59 Release Site (Site). The LF-59 Release Site (the Site), which was formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains.

In January 2000, project management responsibilities were assigned to Environmental Technology Group Incorporated (ETGI). On May 29, 2004, project management responsibilities were assumed by TRC, previously known as NOVA Safety and Environmental, Inc. (NOVA).

This report is intended to be viewed as a complete document with figures, appendices, tables, and text. The report presents the results of groundwater monitoring and sampling from Project inception in the 1st quarter of 2000 through the 4th quarter of 2018. **Please note, from December 2002 through November 2003, access to the Site and monitor wells was restricted by the New Mexico State Land Office (NMSLO) agricultural lessee.** For reference, a Site Location Map is provided as Figure 1 and a Site Map is provided as Figure 2.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The Site is located approximately one (1) mile southwest of the center of the town of Monument, New Mexico, in Unit Letter “L” Section 32, Township 19 South, Range 37 East in Lea County, New Mexico. The topography of the site is relatively flat with a slight topographic slope to the south. The Site is located in a rural and residential area with a single-family residence located approximately fifteen-hundred (1,500) feet northwest of the release point. Generally, the surface consists of a thin veneer of unconsolidated sand over caliche, vegetated by sparse grasses, and mesquite trees. Oil and gas production is commonplace in the vicinity of the Site.

The LF-59 release occurred as two (2) separate releases of unknown volumes on unknown dates. The Releases occurred from an eight (8)-inch pipeline and was attributed to structural failure associated with internal pipeline corrosion.

Soil Remediation Activities

Approximately 6,900 cubic yards of impacted soil was excavated, sorted, shredded and combined with fertilizer to enhance bioremediation rates. Approximately 550 cubic yards of caliche rock was stockpiled on-site as a result of the previously referenced soil treatment activity. The soil was spread onto an on-site treatment cell for aeration in March 2003. Soil in the treatment cell was sampled for baseline concentrations of Total Petroleum Hydrocarbon (TPH) and Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent concentrations using EPA Methods 8015M and 8260B, respectively. The treatment cell was resampled on September 7, 2005. Analytical results of the sampling event indicated TPH concentrations had decreased to levels ranging from less than 50 to 115 milligrams/kilogram (mg/kg) total TPH.

A *Soil Closure Strategy and Site Restoration Work Plan* (Work Plan) was submitted to the New Mexico Oil Conservation Division (NMOCD) in July 2006. The Work Plan proposed soil remediation activities intended to progress the site toward an NMOCD approved closure.

On September 20, 2007, Plains received approval from the NMOCD to commence the activities outlined in the Work Plan. Following the completion of the soil remediation activities, a *Soil Closure Request*, dated February 2010 was submitted to the NMOCD for approval. On February 19, 2010, Plains received an email from the NMOCD approving the *Soil Closure Request* at the LF-59 Release Site.

Groundwater Remediation Activities

From February 8, 2000 through February 16, 2000, ETGI installed five (5) monitor wells (MW-1 through MW-5) on-site. On September 17, 2001, ETGI installed two (2) monitor wells (MW-6 and MW-7). On October 4, 2005, NOVA installed one (1) additional monitor well (MW-8).

In a correspondence dated August 23, 2010, the NMOCD approved the plugging and abandonment of monitor well MW-6. On March 21, 2011, monitor well MW-6 was plugged and abandoned by a New Mexico licensed driller and a letter report documenting the activities was submitted to the NMOCD on April 19, 2011.

In a correspondence dated December 5, 2013, the NMOCD approved the plugging and abandonment of monitor well MW-1 and the installation of a replacement monitor well (MW-1A). On February 4, 2014, a New Mexico licensed driller plugged and abandoned monitor well MW-1 and installed monitor well MW-1A, located approximately fifteen (15) feet south of monitor well MW-1. Monitor well MW-1 plugging reports were mailed to the NMOCD on March 13, 2014.

On November 9, 2017, Representatives of Plains met with a Representative of the NMOCD in Santa Fe. During the meeting, the NMOCD Representative approved a modified groundwater closure concentration for benzene in monitor well MW-1A. The NMOCD Representative indicated Plains must continue groundwater sampling activities until analytical results demonstrate eight (8) consecutive quarters of benzene concentrations less than 0.0172 mg/L in monitor well MW-1A.

Currently, seven (7) groundwater monitor wells (MW-1A, MW-2 through MW-5, MW-7, and MW-8) are on-site.

SUMMARY OF COMPREHENSIVE MONITOR WELL GROUNDWATER DATA

Product Recovery Efforts

Approximately 52.47 gallons (approximately 1.31 barrels) of phase-separated hydrocarbons (PSH) were recovered from the Site by manual recovery methods since project inception. On August 8, 2008, 0.48 feet of PSH was observed in monitor well MW-4. No PSH has been detected at the Site since August 8, 2008.

Groundwater Monitoring

Quarterly monitoring events were conducted in accordance with NMOCD directives and modified by NMOCD correspondence dated November 5, 2012 and December 5, 2013.

The current approved NMOCD sampling frequency for the LF-59 Release Site is depicted below.

Please note, groundwater sampling at the LF-59 Release Site during the 2nd quarter 2010 was inadvertently omitted.

NMOCD Approved Sampling Schedule			
MW-1	Plugged and Abandoned	MW-5	Annually
MW-1A	Quarterly	MW-6	Plugged and Abandoned
MW-2	Quarterly	MW-7	Annually
MW-3	Annually	MW-8	Semi-Annual
MW-4	Quarterly		

Groundwater monitoring was conducted at the Site during each quarter to assess the levels and extent of dissolved phase constituents and PSH. Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column 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 as per a NMOCD directive.

During each sampling event, monitor wells were purged of a minimum of three (3) 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 collected using disposable Teflon samplers. Water samples were placed 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 at a NMOCD permitted disposal facility.

Inferred Groundwater Gradient Maps, which were constructed from groundwater measurements collected during the final eight (8) quarterly sampling events (1st quarter 2017 through 4th quarter of 2018) are provided as Figures 3A through 3H. Comprehensive Groundwater Elevation Data is provided as Table 1.

The most recent Groundwater Gradient Map (4th quarter 2018), indicated a general gradient of 0.0183 feet/foot to the southwest.

LABORATORY RESULTS

Groundwater samples collected at the Site were analyzed by Environmental Lab of Texas, Inc. of Odessa, Texas, AnalySys, Inc. of Corpus Christi, Texas, Trace Analysis, Inc. of Midland, Texas, Xenco Laboratories, Inc. of Midland, Texas, and Permian Basin Environmental Labs of Midland, Texas for determination of BTEX concentrations by EPA Method 8021B or EPA Method 8260B.

A comprehensive listing of BTEX constituent concentrations from the Site inception through the 4th quarter of 2018 is provided in Table 2. The quarterly groundwater sample results for BTEX constituent concentrations during the final eight (8) quarterly sampling events (1st quarter 2017 through 4th quarter 2018) are depicted on Figures 4A through 4H. Copies of the laboratory reports are provided on the enclosed data disk.

Please note, from December 2002 through November 2003, access to the Site and monitor wells was restricted by the New Mexico State Land Office (NMSLO) agricultural lessee.

Monitor well MW-1 was installed on February 8, 2000 and completed to a depth of approximately twenty-five (25) feet below ground surface (bgs). Monitor well MW-1 was monitored/sampled quarterly since installation of the monitor well and was plugged and abandoned, with NMOCD approval on February 4, 2014. An initial PSH thickness of 0.30 feet was observed during the 3rd quarter sampling event of 2000. The maximum observed PSH thickness in monitor well MW-1 was 1.33 feet as recorded on August 6, 2001. Measurable PSH was not observed in the monitor well after May 25, 2006 (0.11 feet).

The initial sampling of monitor well MW-1 occurred during the 1st quarter of 2000. Comprehensive BTEX analysis through the 3rd quarter of 2013 indicated the monitor well exhibited a maximum benzene concentration of 1.740 mg/L during the 2nd quarter of 2004. The maximum toluene concentration was 0.031 mg/L during the 2nd quarter of 2004. The maximum ethylbenzene concentration was 0.232 mg/L during the 4th quarter of 2006. The maximum xylene concentration was 1.575 mg/L during the 2nd quarter of 2004.

On February 4, 2014, a licensed New Mexico driller plugged and abandoned monitor well MW-1 and installed replacement monitor well MW-1A, with NMOCD approval.

Monitor well MW-1A was installed on February 4, 2014 and completed to a depth of approximately thirty (30) feet bgs. Monitor well MW-1A was monitored/sampled quarterly since installation of the monitor well through the 4th quarter of 2018. No PSH was observed in monitor well MW-1A from the installation of the monitor well through the 4th quarter of 2018.

The initial sampling of monitor well MW-1A occurred during the 1st quarter of 2014. Comprehensive BTEX analysis through the 4th quarter of 2018 indicated the monitor well exhibited a maximum benzene concentration of 0.0277 mg/L during the 4th quarter of 2014. The maximum toluene concentration was less than the applicable reporting limit from the installation of the monitor well through the 4th quarter of 2018. The maximum ethylbenzene concentration was 0.00970 mg/L during the 4th quarter of 2014. The maximum xylene concentration was 0.00130 mg/L during the 4th quarter of 2014.

On November 9, 2017, Representatives of Plains met with a Representative of the NMOCD in Santa Fe. During the meeting, the NMOCD Representative approved a modified groundwater closure concentration for benzene in monitor well MW-1A. The NMOCD Representative indicated Plains must continue groundwater sampling activities until analytical results demonstrate eight (8) consecutive quarters of benzene concentrations less than 0.0172 mg/L in monitor well MW-1A.

From the 1st quarter of 2017 sampling event through the 4th quarter of 2018, (eight [8] consecutive sampling events), all concentrations of benzene were below the NMOCD approved modified closure limit of 0.0172 mg/L.

Monitor well MW-2 was installed on February 8, 2000 and completed to a depth of approximately twenty-five (25) feet bgs. Monitor well MW-2 has been monitored/sampled quarterly since installation of the monitor well. No PSH was observed in monitor well MW-2 from the installation of the monitor well through the 4th quarter of 2018.

The initial sampling of monitor well MW-2 occurred during the 1st quarter of 2000. Comprehensive BTEX analysis through the 4th quarter of 2018 indicated the monitor well exhibited a maximum benzene concentration of 0.278 mg/L during the 2nd quarter of 2000. The maximum toluene concentration was 0.007 mg/L during the 3rd quarter of 2000 and the 1st quarter of 2011. The maximum ethylbenzene concentration was 0.105 mg/L during the 3rd quarter of 2006. The maximum xylene concentration was 0.184 mg/L during the 3rd quarter of 2006.

From the 2nd quarter of 2015 sampling event through the 4th quarter of 2018, (fifteen [15] consecutive sampling events), all concentrations of BTEX constituents were below the NMOCD regulatory guidelines.

Monitor well MW-3 was installed on February 9, 2000 and completed to a depth of approximately twenty-six (26) feet bgs. Monitor well MW-3 was sampled quarterly from the installation of the monitor well through the 1st quarter of 2004. From the 2nd quarter of 2004 through the 4th quarter of 2018, sampling was conducted on an annual frequency. No PSH was observed in monitor well MW-3 from the installation of the monitor well through the 4th quarter of 2018.

The initial sampling of monitor well MW-3 occurred during the 1st quarter of 2000. Comprehensive BTEX analysis through the 4th quarter of 2018 indicated the monitor well exhibited a maximum benzene, toluene, ethylbenzene, and xylene concentrations less than the applicable laboratory reporting limit during each sampling event.

From the 1st quarter of 2000 sampling event through the 4th quarter of 2018, (fourteen [14] consecutive sampling events), all concentrations of BTEX constituents were below the NMOCD regulatory guidelines.

Monitor well MW-4 was installed on February 9, 2000 and completed to a depth of approximately twenty-seven (27) feet bgs. Monitor well MW-4 has been monitored/sampled quarterly since installation of the monitor well. An initial PSH thickness of 0.06 feet was observed during the 1st quarter of 2000 sampling event, immediately following the installation of the monitor well. The maximum observed PSH thickness in monitor well MW-4 was 0.48 feet as recorded on February 3, 2004. PSH has not been observed in the monitor well since August 8, 2008 (0.05 feet).

The initial sampling of monitor well MW-4 occurred during the 2nd quarter of 2004. Comprehensive BTEX analysis through the 4th quarter of 2018 indicated the monitor well exhibited a maximum benzene concentration of 0.0189 mg/L during the 1st quarter of 2005. The maximum toluene concentration was 0.0213 mg/L during the 4th quarter of 2008. The maximum ethylbenzene concentration was 0.00520 mg/L during the 4th quarter of 2008. The maximum xylene concentration was 0.0379 mg/L during the 1st quarter of 2005.

From the 1st quarter of 2000 sampling event through the 4th quarter of 2018, (forty-nine [49] consecutive sampling events), all concentrations of BTEX constituents were below the NMOCD regulatory guidelines.

Monitor well MW-5 was installed on February 16, 2000 and completed to a depth of approximately twenty-five (25) feet bgs. Monitor well MW-5 was sampled quarterly from the installation of the monitor well through the 1st quarter of 2004. From the 2nd quarter of 2004 through the 4th quarter of

2018, sampling was conducted on an annual frequency. No PSH was observed in monitor well MW-5 from the installation of the monitor well through the 4th quarter of 2018.

The initial sampling of monitor well MW-5 occurred during the 1st quarter of 2000. Comprehensive BTEX analysis through the 4th quarter of 2018 indicated the monitor well exhibited a maximum benzene and xylene concentration less than the applicable laboratory reporting limit during each sampling event. The maximum toluene concentration was 0.001 mg/L during the 3rd quarter of 2000. The maximum ethylbenzene concentration was 0.00120 mg/L during the 4th quarter of 2008.

From the 1st quarter of 2000 sampling event through the 4th quarter of 2018, (twenty-nine [29] consecutive sampling events), all concentrations of BTEX constituents were below the NMOCD regulatory guidelines.

Monitor well MW-6 was installed on September 17, 2001 and completed to a depth of approximately twenty-seven (27) feet bgs. Monitor well MW-6 was monitored/sampled quarterly from the installation of the monitor well through the 1st quarter of 2004. From the 2nd quarter of 2004 through the 1st quarter of 2011, sampling was conducted on an annual frequency. No PSH was observed in monitor well MW-6 from the installation of the monitor well through the 1st quarter of 2011.

The initial sampling of monitor well MW-6 occurred during the 3rd quarter of 2001. Comprehensive BTEX analysis through the 1st quarter of 2011 indicated the monitor well exhibited a maximum benzene, toluene, ethylbenzene, and xylene concentrations less than the applicable laboratory reporting limit during each sampling event.

On March 21, 2011, monitor well MW-6 was plugged and abandoned by a New Mexico licensed driller, with NMOCD approval.

Monitor well MW-7 was installed on September 17, 2001 and completed to a depth of approximately twenty-seven (27) feet bgs. Monitor well MW-7 was monitored/sampled quarterly from the installation of the monitor well through the 1st quarter of 2004. From the 2nd quarter of 2004 through the 4th quarter of 2012, sampling was conducted on a semi-annual frequency. From the 1st quarter of 2012 through 4th quarter of 2018, sampling was conducted on an annual frequency. No PSH was observed in monitor well MW-7 from the installation of the monitor well through the 4th quarter of 2018.

The initial sampling of monitor well MW-7 occurred during the 3rd quarter of 2001. Comprehensive BTEX analysis through the 4th quarter of 2018 indicated the monitor well exhibited a maximum benzene concentration of 0.00866 mg/L during the 4th quarter of 2002. The maximum toluene concentration was 0.00906 mg/L during the 4th quarter of 2002. The maximum ethylbenzene concentration was 0.00620 mg/L during the 2nd quarter of 2009. The maximum xylene concentration was 0.0410 mg/L during the 4th quarter of 2002.

From the 3rd quarter of 2001 sampling event through the 4th quarter of 2018, (thirty [30] consecutive sampling events), all concentrations of BTEX constituents were below the NMOCD regulatory guidelines.

Monitor well MW-8 was installed on October 4, 2005 and completed to a depth of approximately thirty (30) feet bgs. Monitor well MW-8 was monitored/sampled quarterly from the installation of the monitor well through the 4th quarter of 2018. From the 3rd quarter of 2005 through the 4th quarter of 2012, sampling was conducted on a quarterly frequency. From the 1st quarter of 2012 through the 4th quarter of 2018, sampling was conducted on a semi-annual frequency. No PSH was observed in monitor well MW-8 from the installation of the monitor well through the 4th quarter of 2018.

The initial sampling of monitor well MW-8 occurred during the 3rd quarter of 2005. Comprehensive BTEX analysis through the 4th quarter of 2018 indicated the monitor well exhibited a maximum benzene concentration of less than the applicable laboratory reporting limit during each sampling event. The maximum toluene concentration was 0.00480 mg/L during the 3rd quarter of 2009. The maximum ethylbenzene concentration was less than the applicable laboratory reporting limit during each sampling event. The maximum xylene concentration was 0.0152 mg/L during the 3rd quarter of 2009.

From the 3rd quarter of 2005 sampling event through the 4th quarter of 2018, (forty-one [41] consecutive sampling events), all concentrations of BTEX constituents were below the NMOCD regulatory guidelines.

Laboratory analytical results from groundwater samples were compared to NMOCD regulatory guidelines based on the New Mexico groundwater guidelines found in Section 20.6.2.3103 of the New Mexico Administrative Code (NMAC).

GROUNDWATER CLOSURE REQUEST

Based on the laboratory analytical results of quarterly groundwater sampling events, from Site inception through the 4th quarter of 2018, laboratory analysis indicates BTEX constituent concentrations are now less than NMOCD regulatory guidelines. Pursuant to NMOCD guidelines, the BTEX constituent concentrations have remained below the NMOCD regulatory guidelines for eight (8) consecutive quarters, and as such, Plains requests NMOCD approval to cease quarterly monitor well monitoring, sampling activities and a “no further action determination” for the LF-59 Release Site.

On NMOCD approval, a licensed State of New Mexico water well Driller will submit plugging and abandonment permit applications to the New Mexico Office of the State Engineer (NMOSE). On receipt of the NMOSE plugging and abandonment permits the monitor wells will be plugged and abandoned in accordance with NMOSE regulations by a State of New Mexico licensed Driller. Following the plugging and abandonment of the monitor wells, the plugging and abandonment reports will be forwarded to the NMOCD.

SITE CLOSURE REQUEST

On February 19, 2010, Plains received NMOCD Soil Closure Request approval for the LF-59 Release Site. Contingent on NMOCD approval of the Groundwater Closure Request, Plains requests Site Closure Status for the LF-59 Release Site. A Final NMOCD C-141 is included for your consideration.

LIMITATIONS

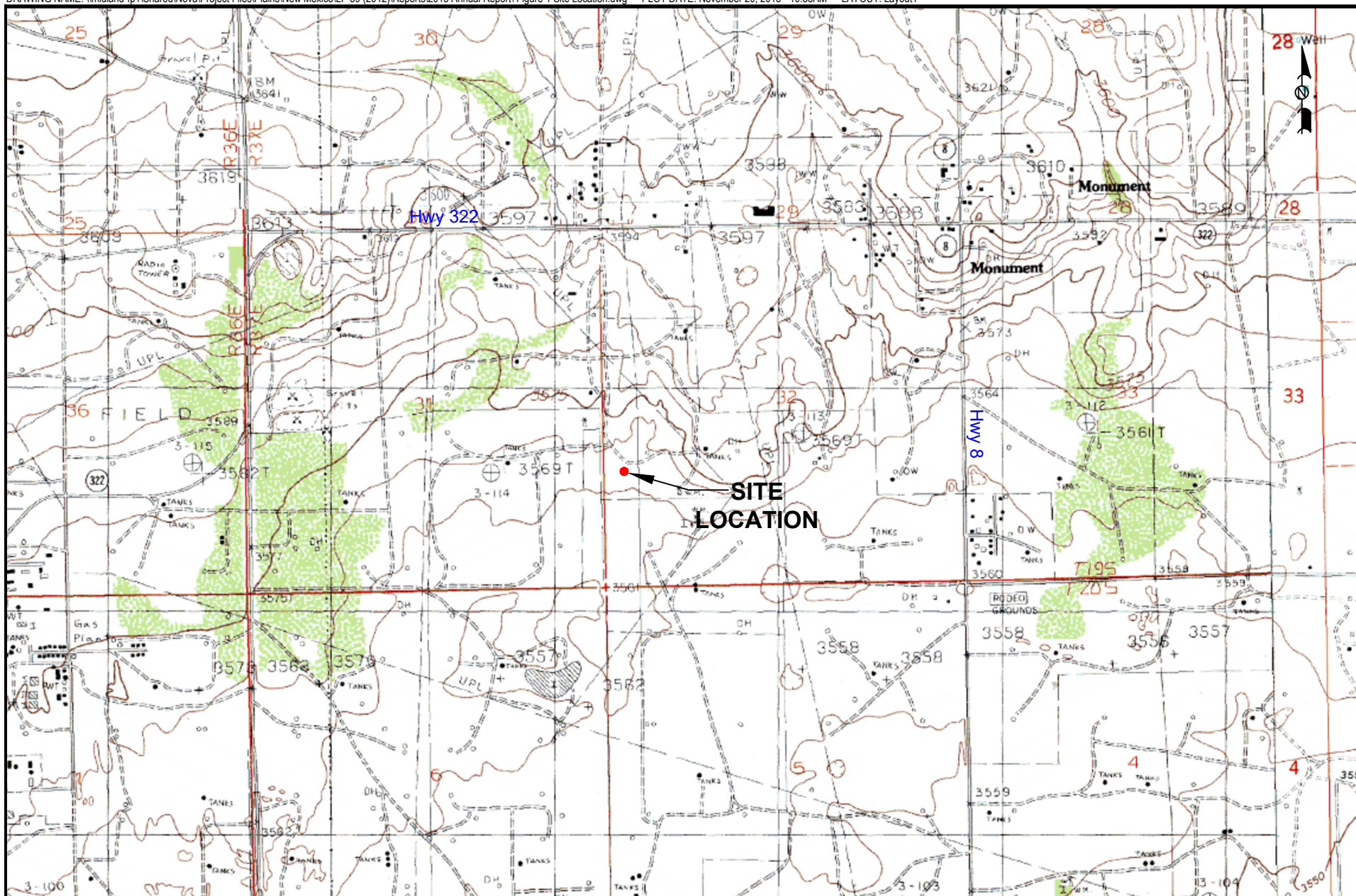
TRC has prepared this Groundwater and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

TRC has examined and relied upon documents referenced in the report and has relied on oral and written statements made by certain individuals. TRC 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. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants.

TRC 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 TRC and/or Plains.

DISTRIBUTION

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New Mexico State Land Office
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Midland, TX 79705
cdstanley@trcsolutions.com



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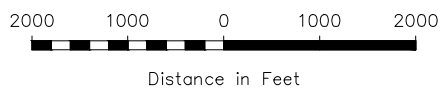


Figure 1

Site Location Map
Plains Marketing, L.P.

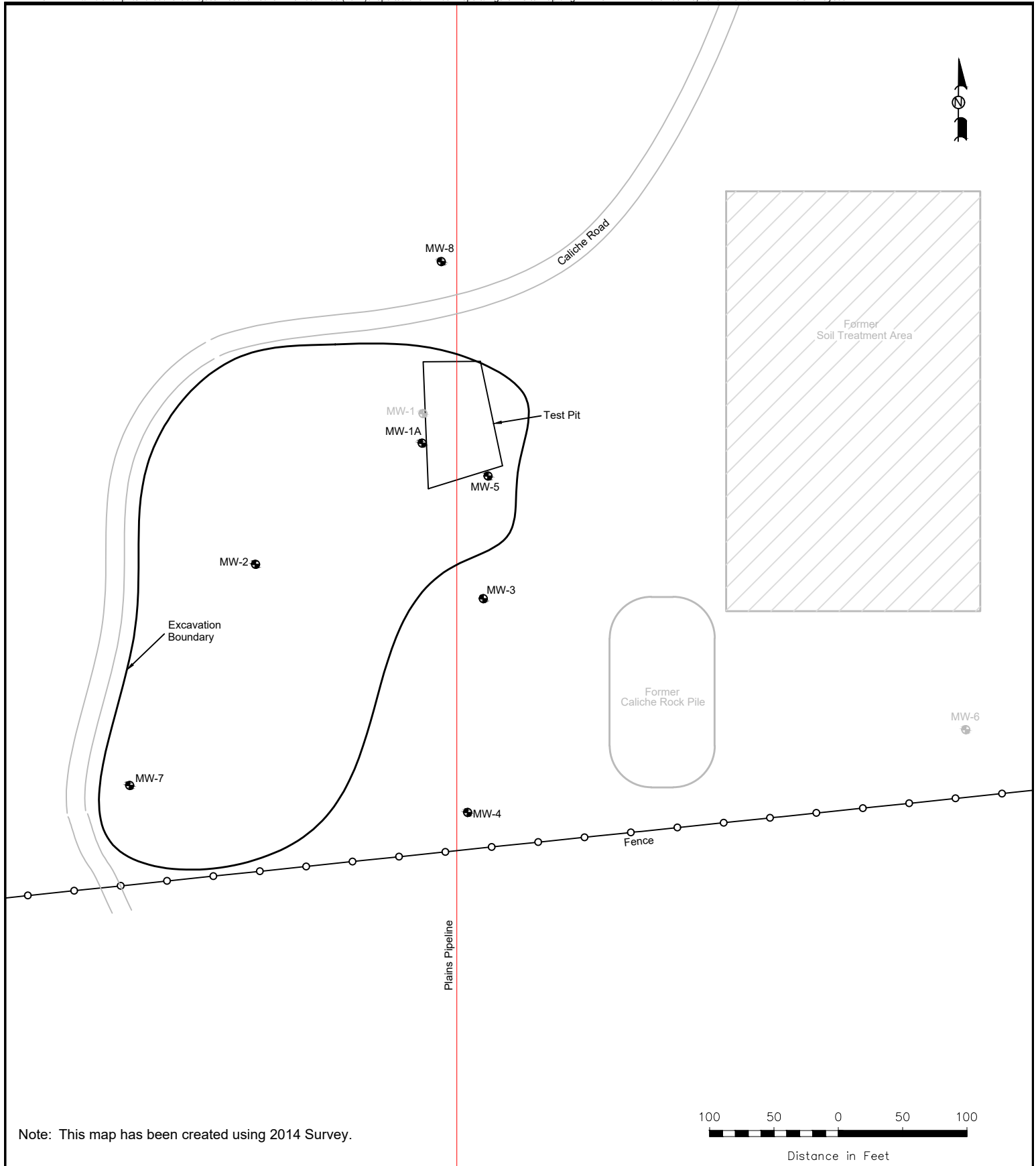
LF-59

NMOCD Reference # 1RP-103-0
Lea County, NM

Scale: 1" = 2000'

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TRC Proj. No.: 014168	





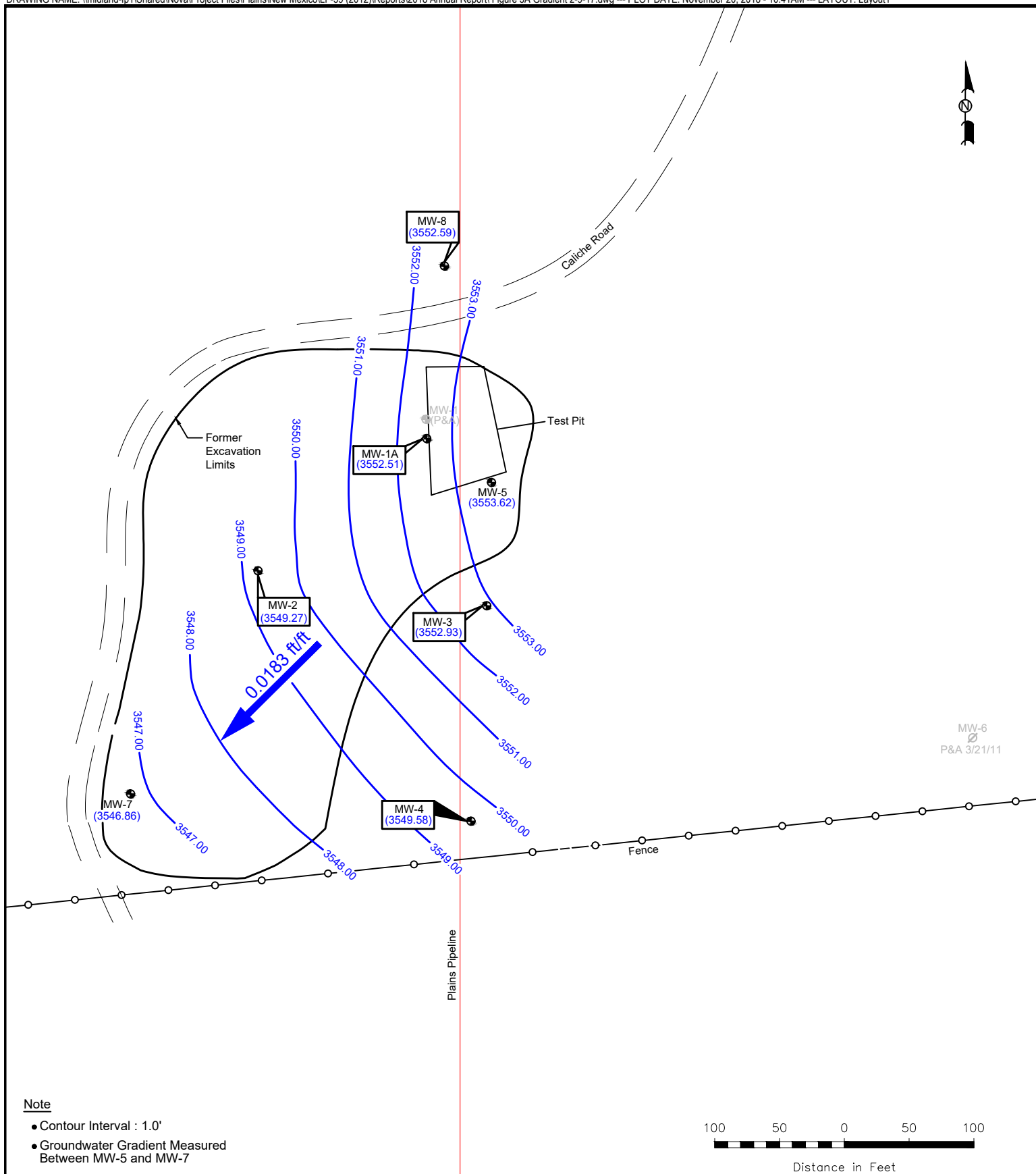
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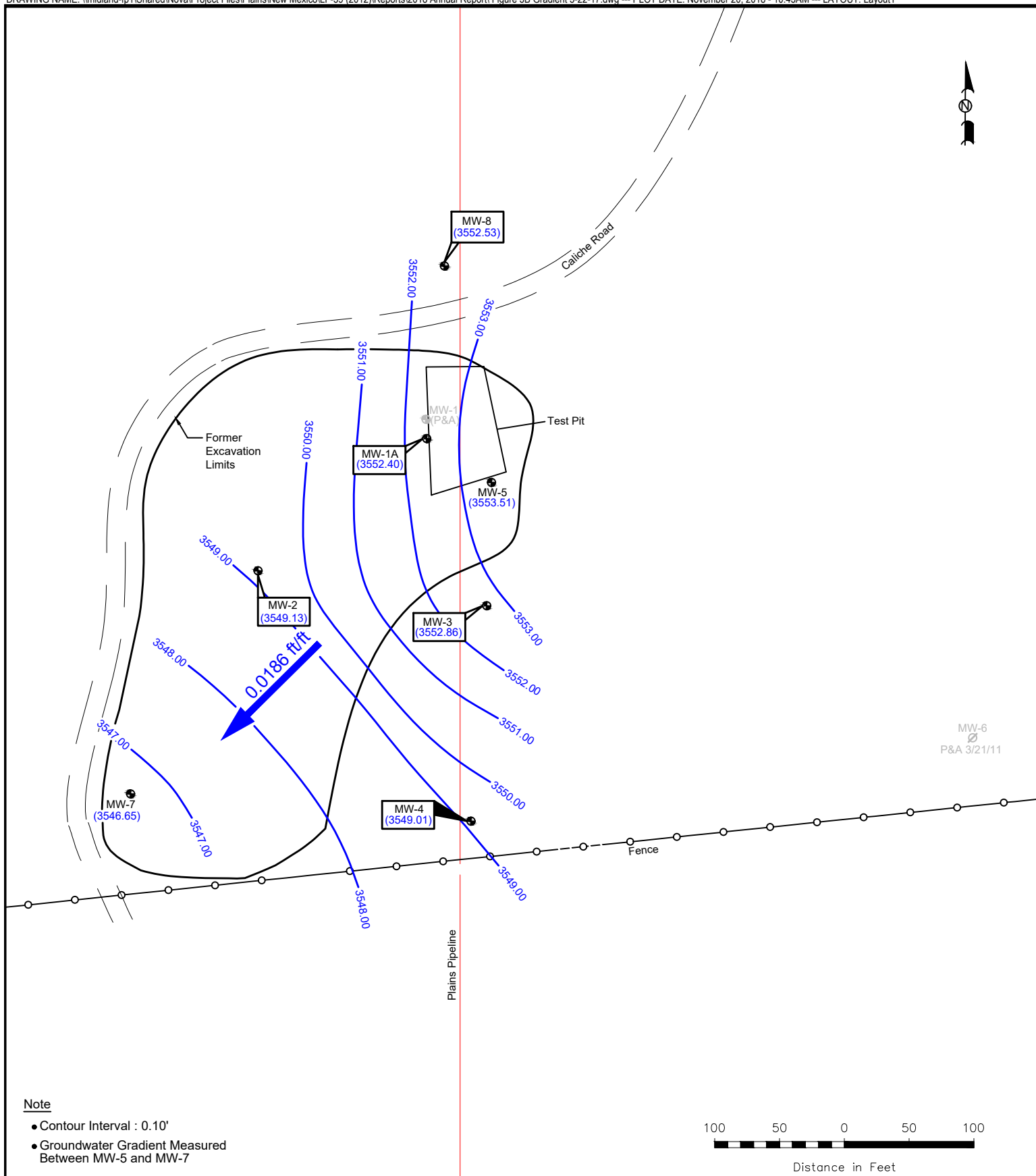
- Pipeline
- Monitor Well Location

Figure 2
Site Map
Plains Marketing, L.P.
LF-59
NMOCD Reference # IRP-103-0
Lea County, NM

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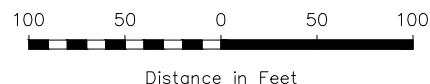






Note

- Contour Interval : 0.10'
- Groundwater Gradient Measured Between MW-5 and MW-7



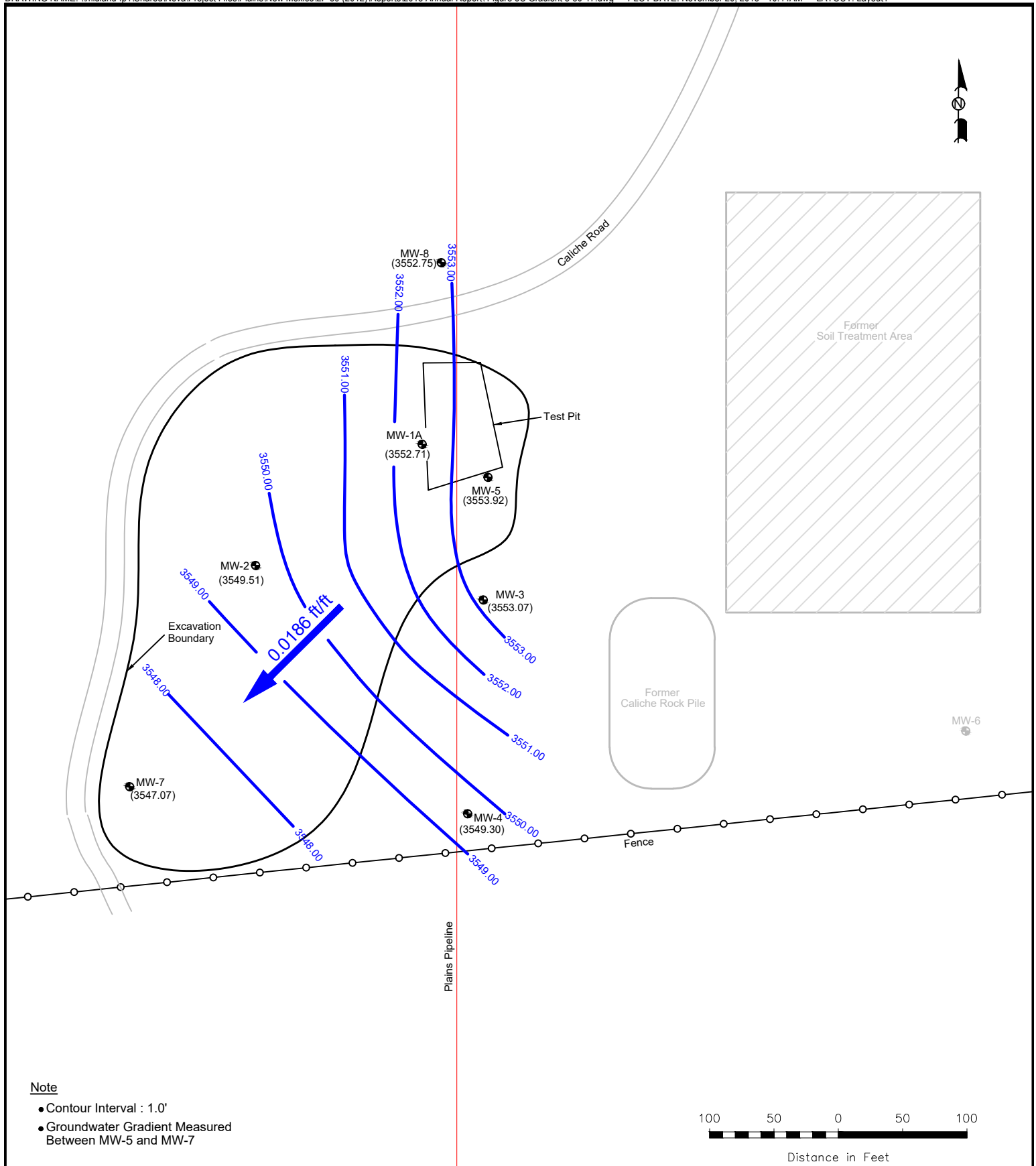
LEGEND:

- Monitor Well Location
- Plugged and Abandoned Well
- Pipeline
- (3547.11) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 3B
Inferred Groundwater
Gradient Map
(5/22/2017)
Plains Marketing, L.P.
LF-59
NMOCD Reference # IRP-103-0
Lea County, NM

Scale: 1" = 100'	
CAD By: TA	Checked By: CS
Draft: June 6, 2017	
Lat. N 32.613916°, Long. W 103.279888°	
NW1/4 SW1/4 Sec 32 T19S R37E	
TRC Proj. No.: 014168	

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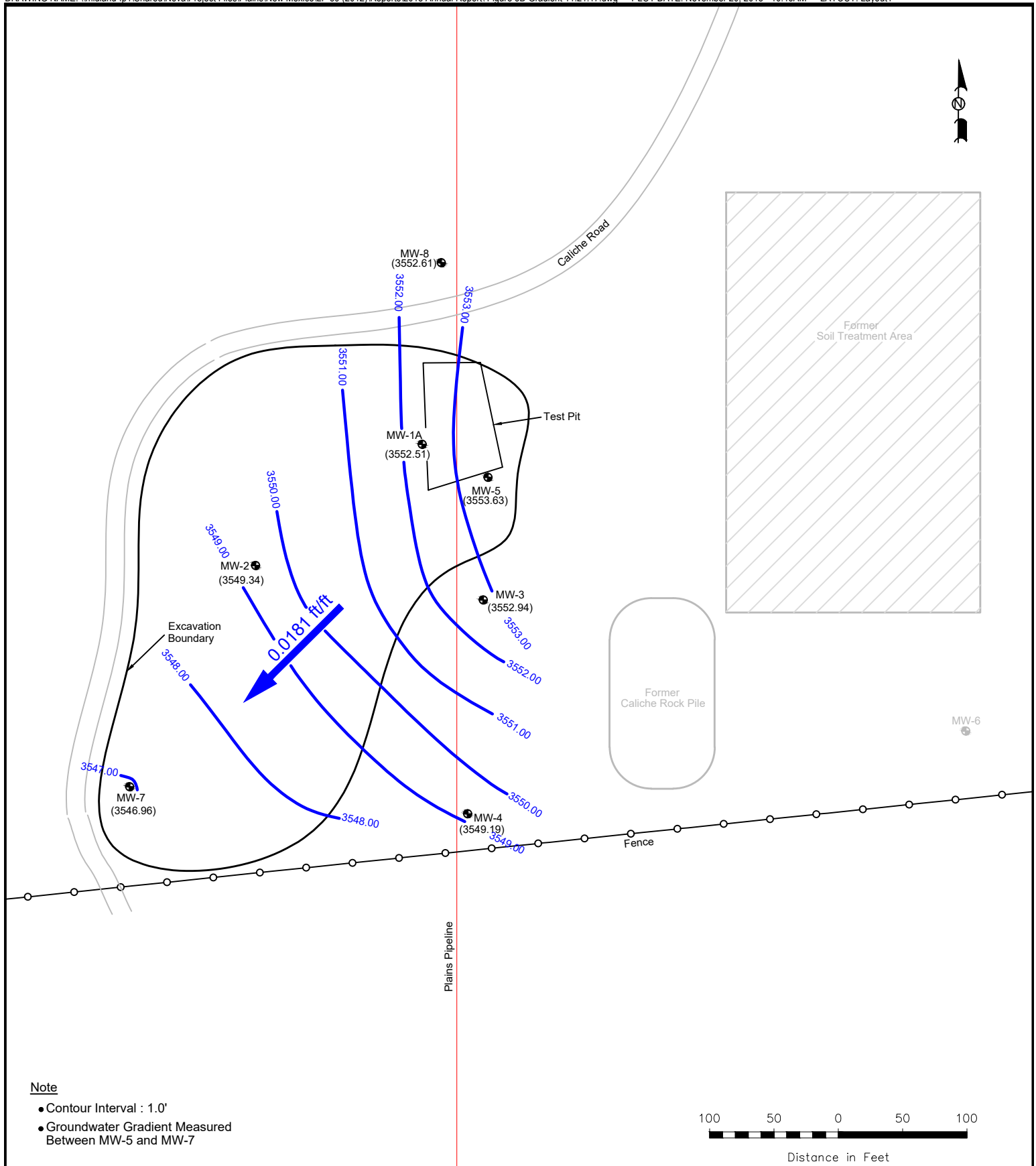
- Monitor Well Location
- Pipeline
- Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- Groundwater Gradient and Magnitude

Figure 3C
Inferred Groundwater
Gradient Map
NMOCD Reference # 1R-0103
(8/30/2017)
Plains Marketing, L.P.
LF-59
Lea County, NM



10 Desta Drive, Suite 150E
Midland, Texas 79705
432.520.7720

October 11, 2017	Scale: 1" = 100'	CAD By: JH	Checked By: CS
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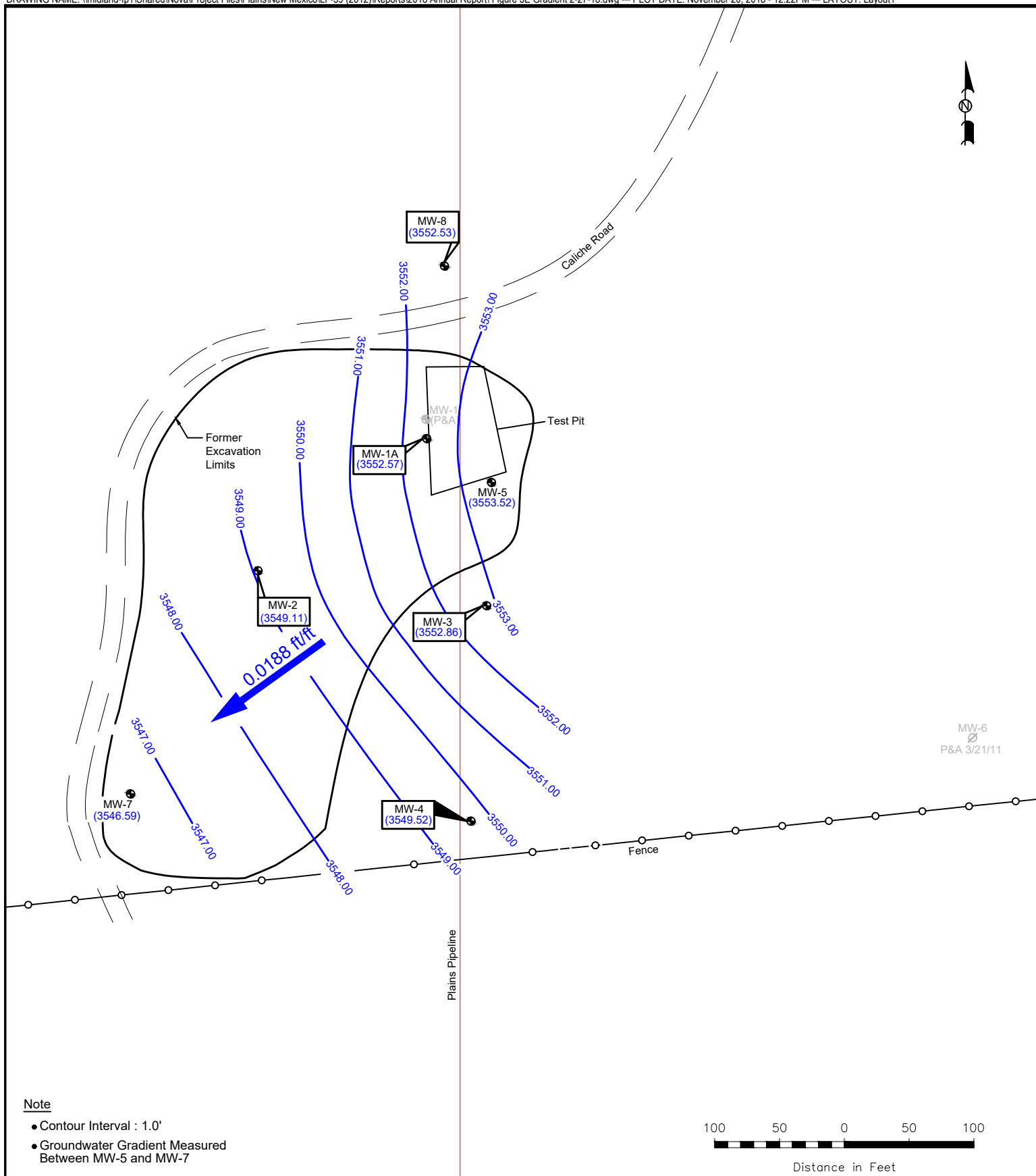
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- Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- Groundwater Gradient and Magnitude

Figure 3D
Inferred Groundwater
Gradient Map
NMOCD Reference # 1R-0103
(11/21/2017)
Plains Marketing, L.P.
LF-59
Lea County, NM



10 Desta Drive, Suite 150E
Midland, Texas 79705
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January 29, 2018	Scale: 1" = 100'	CAD By: JH	Checked By: CS
Lat. N 32° 36' 50.1" Long. W 103° 16' 47.6"		NW1/4 SW1/4 Sec 32 T19S R37E	



Note

- Contour Interval : 1.0'
- Groundwater Gradient Measured Between MW-5 and MW-7

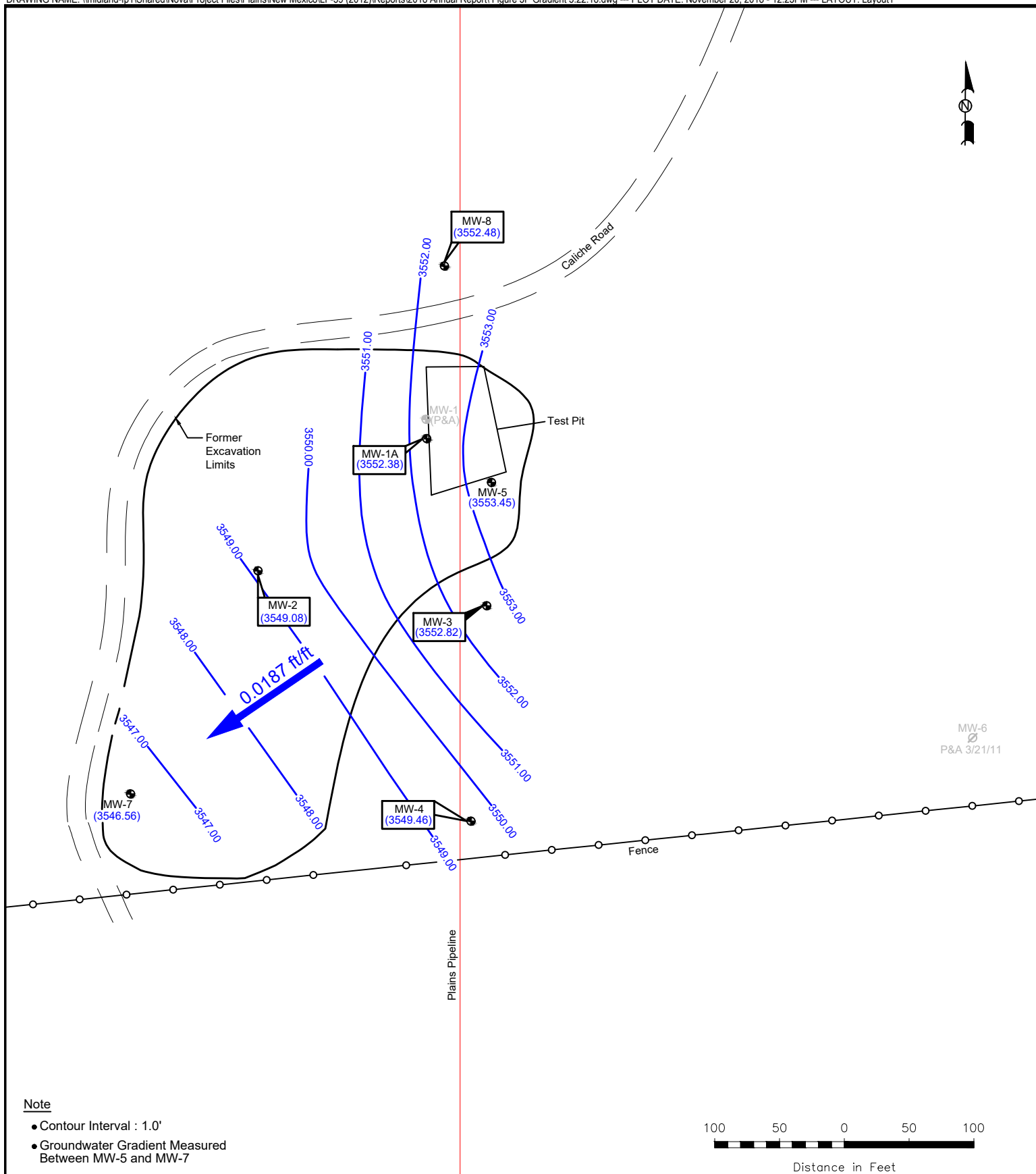
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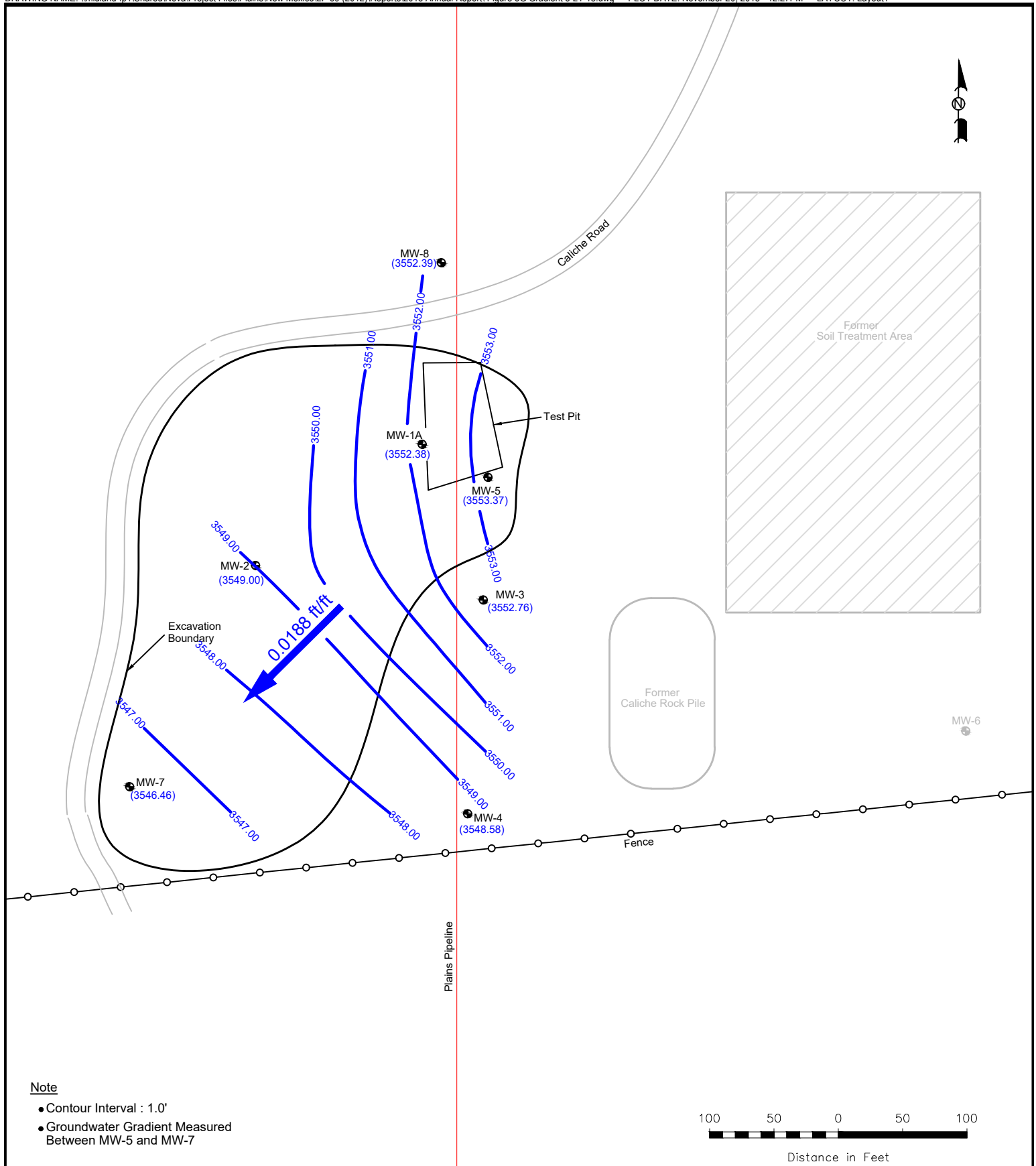
- Monitor Well Location
- Plugged and Abandoned Well
- Pipeline
- (3547.11) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

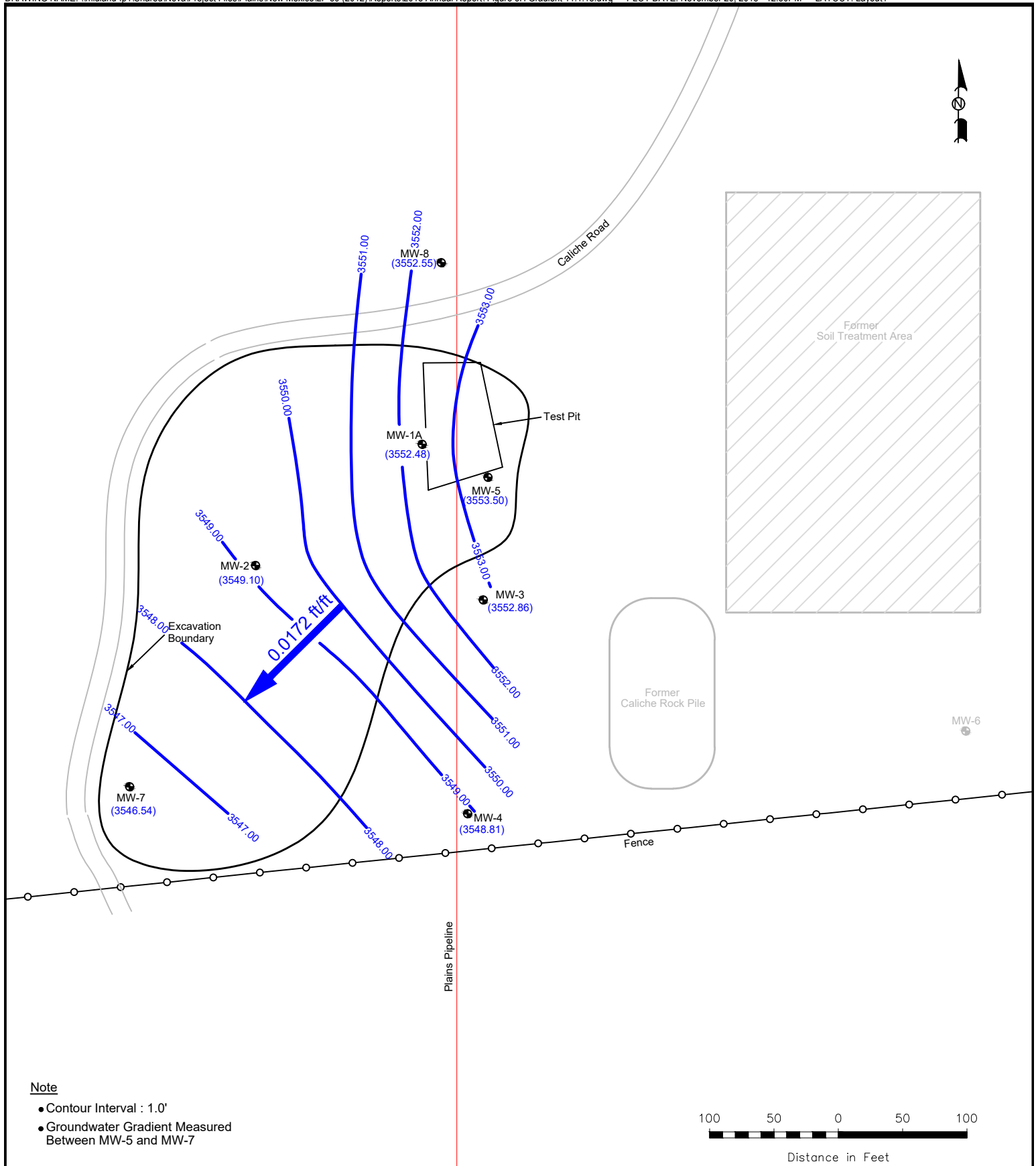
Figure 3E
Inferred Groundwater
Gradient Map
(2/27/2018)
Plains Marketing, L.P.
LF-59
NMOCD Reference # IRP-103-0
Lea County, NM

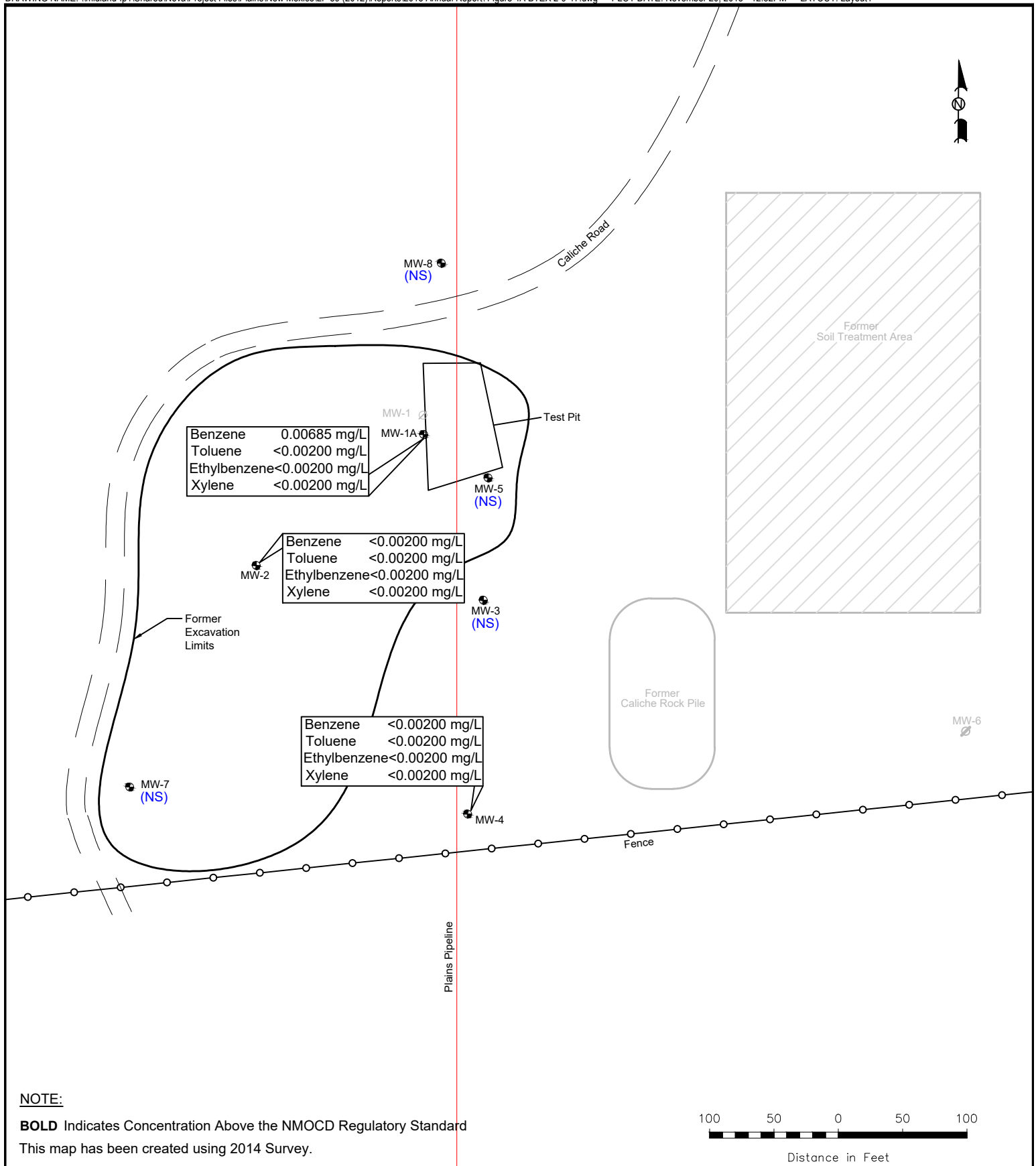
Scale: 1" = 100'	
CAD By: CS	Checked By: CS
Draft: April 22, 2018	
Lat. N 32.613916°, Long. W 103.279888°	
NW1/4 SW1/4 Sec 32 T19S R37E	
TRC Proj. No.: 014168	

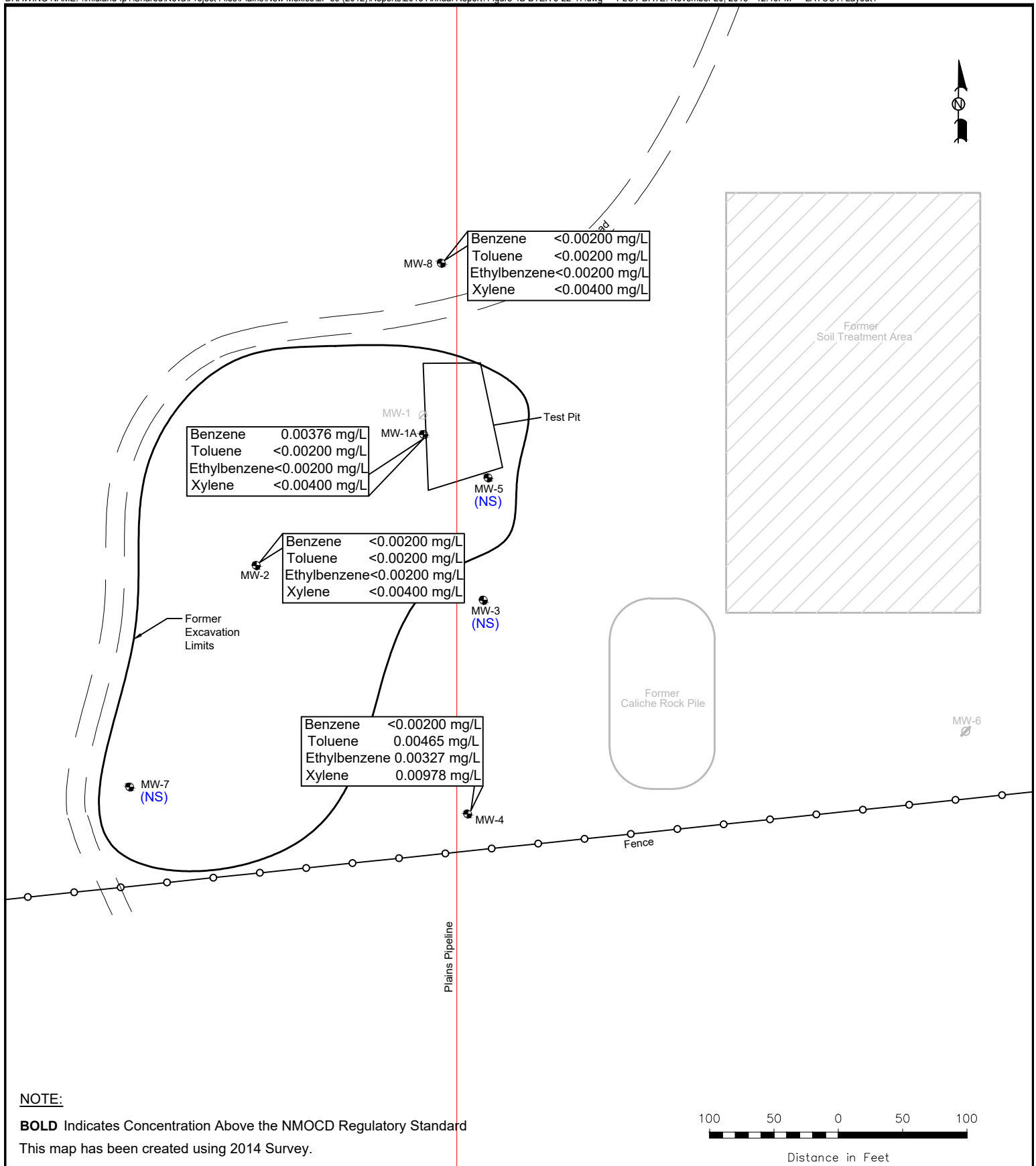












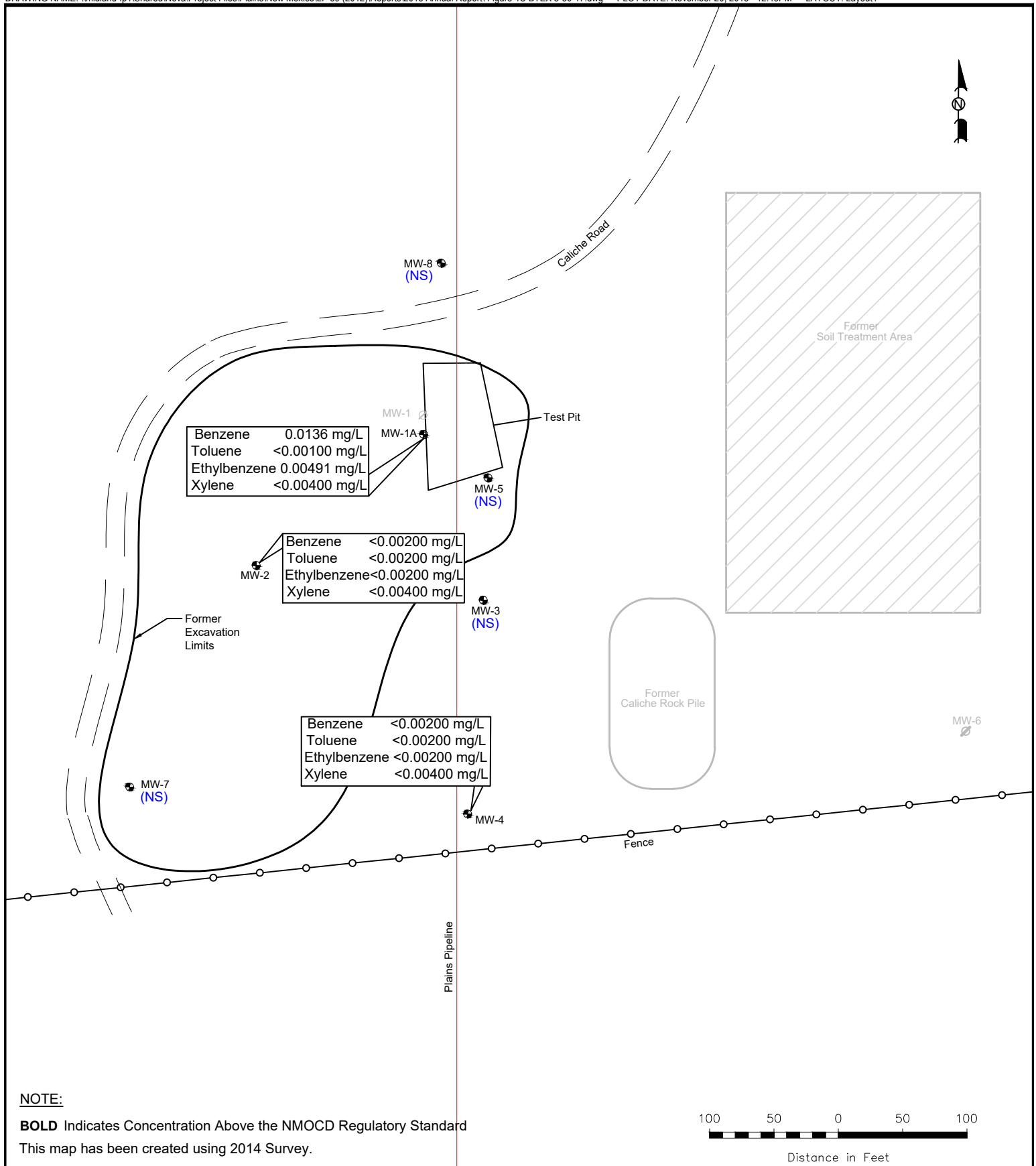
LEGEND:

- Monitor Well Location
- Plugged and Abandoned Well
- Pipeline
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 4B
 Groundwater Concentration
 Inferred PSH Extent Map
 (5/22/2017)
 Plains Marketing, L.P.
 LF-59
 NMOCD Reference # IRP-103-0
 Lea County, NM

Scale: 1" = 100'	
CAD By: TA	Checked By: CS
Draft: June 6, 2017	
Lat. N 32.613916°, Long. W 103.279888°	
NW1/4 SW1/4 Sec 32 T19S R37E	
TRC Proj. No.: 014168	





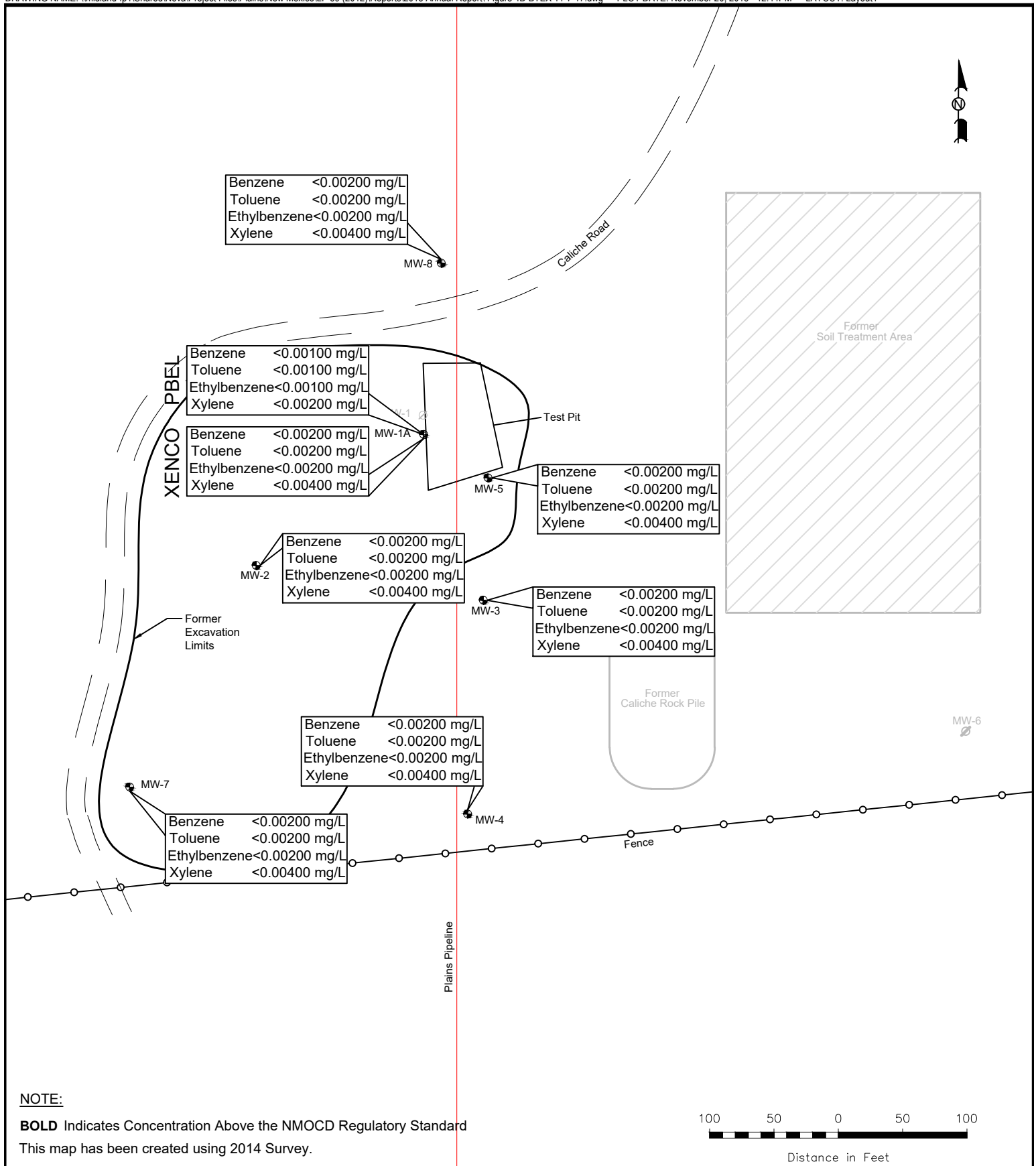
LEGEND:

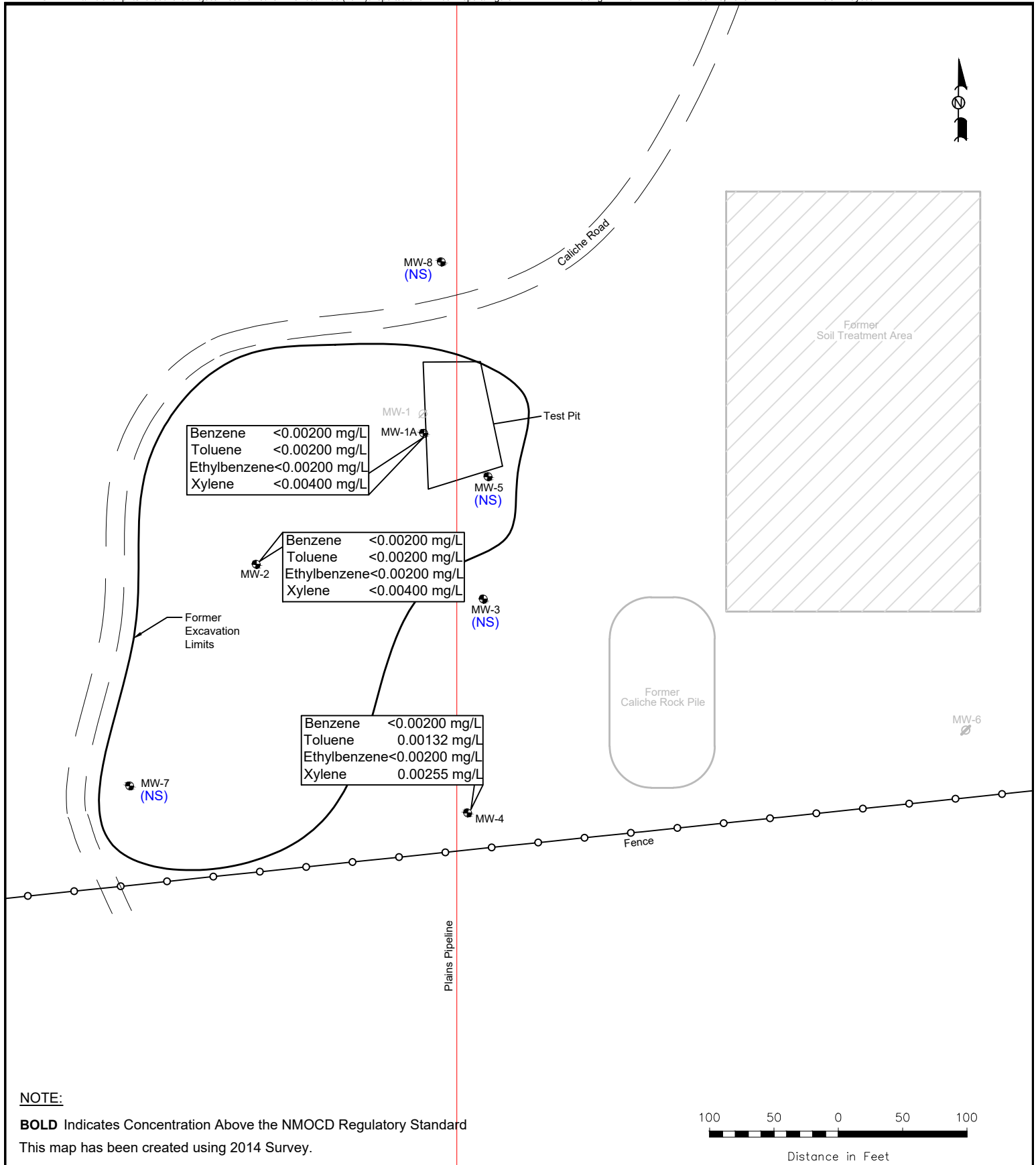
- Monitor Well Location
- Plugged and Abandoned Well
- Pipeline
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 4C
 Groundwater Concentration
 Inferred PSH Extent Map
 (8/30/2017)
 Plains Marketing, L.P.
 LF-59
 NMOCD Reference # IRP-103-0
 Lea County, NM

Scale: 1" = 100'	
CAD By: JH	Checked By: CS
Draft: October 4, 2017	
Lat. N 32.613916°, Long. W 103.279888°	
NW1/4 SW1/4 Sec 32 T19S R37E	
TRC Proj. No.: 014168	







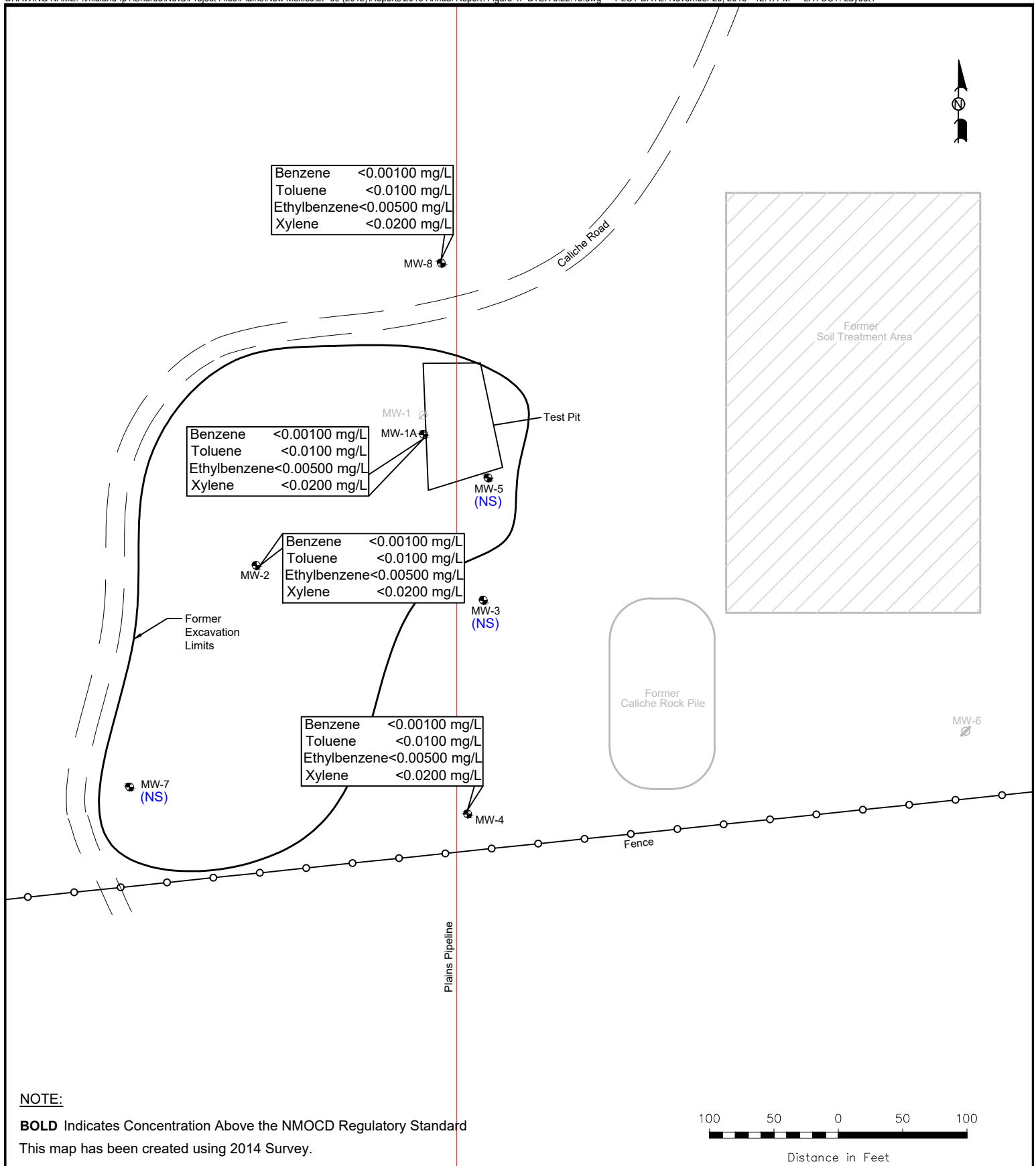
LEGEND:

- Monitor Well Location
- Plugged and Abandoned Well
- Pipeline
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 4E
 Groundwater Concentration
 Inferred PSH Extent Map
 (2/27/2018)
 Plains Marketing, L.P.
 LF-59
 NMOCD Reference # IRP-103-0
 Lea County, NM

Scale: 1" = 100'	
CAD By: CS	Checked By: CS
Draft: April 22, 2018	
Lat. N 32.613916°, Long. W 103.279888°	
NW1/4 SW1/4 Sec 32 T19S R37E	
TRC Proj. No.: 014168	





NOTE:

BOLD Indicates Concentration Above the NMOCD Regulatory Standard
 This map has been created using 2014 Survey.

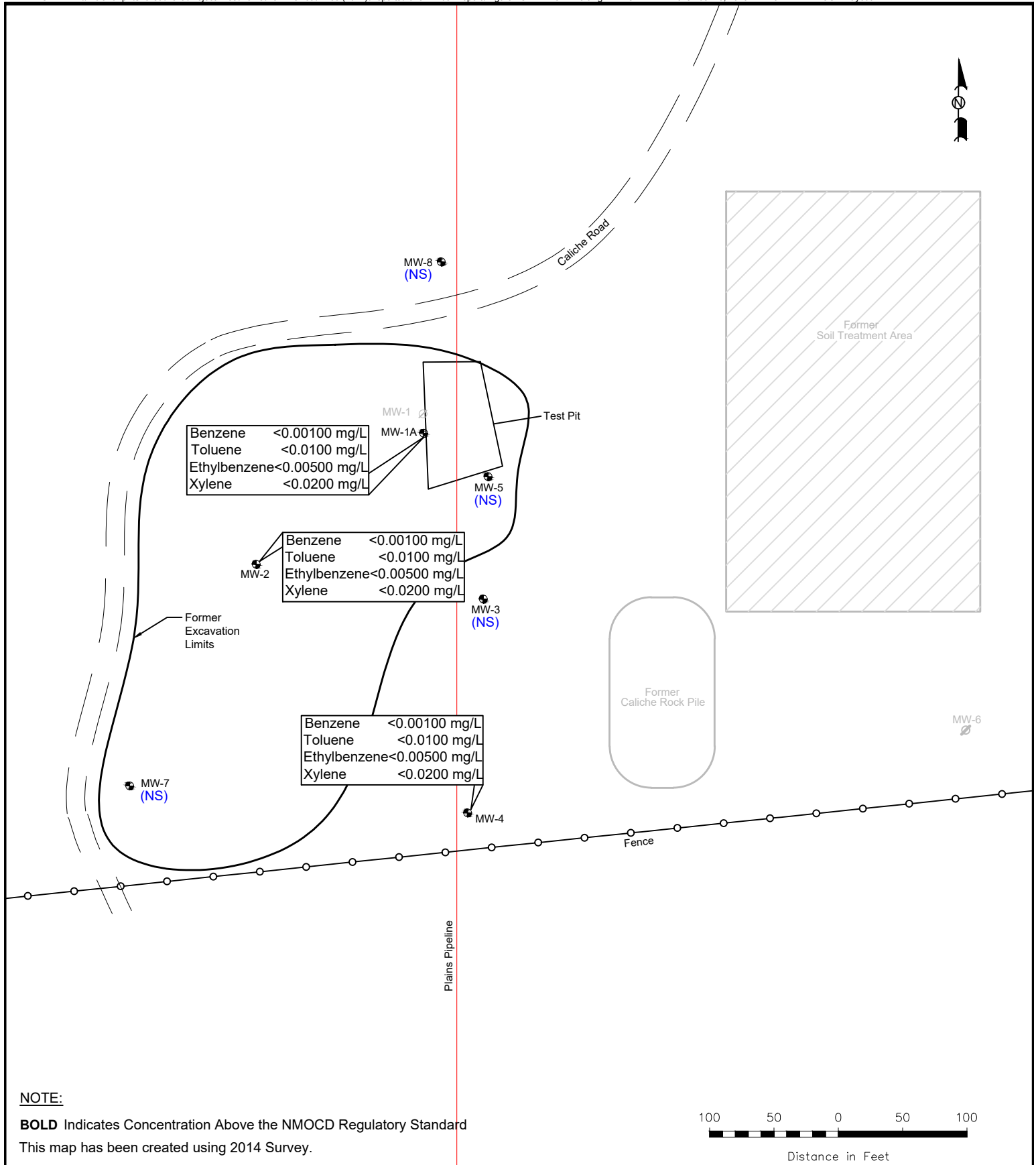
LEGEND:

- Monitor Well Location
- Plugged and Abandoned Well
- Pipeline
- <0.001
- (NS) Not Sampled

Figure 4F
 Groundwater Concentration
 Inferred PSH Extent Map
 (5/22/2018)
 Plains Marketing, L.P.
 LF-59
 NMOCD Reference # IRP-103-0
 Lea County, NM

Scale: 1" = 100'	
CAD By: CS	Checked By: CS
Draft: July 21, 2018	
Lat. N 32.613916°, Long. W 103.279888°	
NW1/4 SW1/4 Sec 32 T19S R37E	
TRC Proj. No.: 014168	





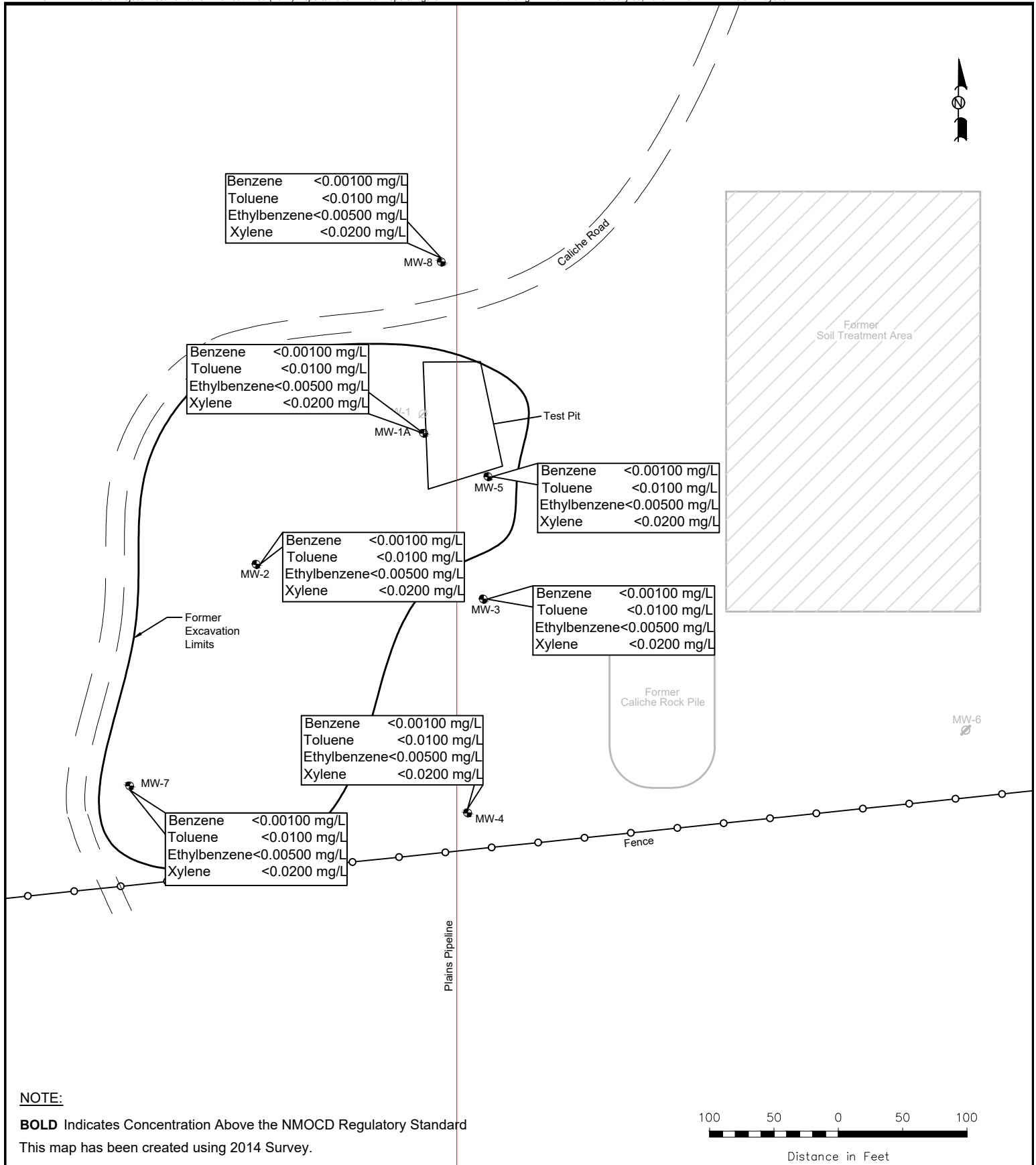
LEGEND:

- Monitor Well Location
- Plugged and Abandoned Well
- Pipeline
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 4G
 Groundwater Concentration
 Inferred PSH Extent Map
 (8/21/2018)
 Plains Marketing, L.P.
 LF-59
 NMOCD Reference # IRP-103-0
 Lea County, NM

Scale: 1" = 100'	
CAD By: CS	Checked By: CS
Draft: October 14, 2018	
Lat. N 32.613916°, Long. W 103.279888°	
NW1/4 SW1/4 Sec 32 T19S R37E	
TRC Proj. No.: 014168	





LEGEND:

- Monitor Well Location
- Plugged and Abandoned Well
- Pipeline
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 4H
 Groundwater Concentration
 Inferred PSH Extent Map
 (11/1/2018)
 Plains Marketing, L.P.
 LF-59
 NMOCD Reference # IRP-103-0
 Lea County, NM

Scale: 1" = 100'	
CAD By: CS	Checked By: CS
Draft: November 1, 2018	
Lat. N 32.613916°, Long. W 103.279888°	
NW1/4 SW1/4 Sec 32 T19S R37E	
TRC Proj. No.: 014168	

TRC
 10 Desta Drive, Suite 150E
 Midland, Texas 79705
 432.520.7720

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/22/00	3,572.21	-	19.94	0.00	3,552.27
MW - 1	02/23/00	3,572.21	-	19.95	0.00	3,552.26
MW - 1	04/06/00	3,572.21	-	19.81	0.00	3,552.40
MW - 1	08/29/00	3,572.21	19.46	19.76	0.30	3,552.71
MW - 1	12/04/00	3,572.21	19.55	19.61	0.06	3,552.65
MW - 1	01/23/01	3,572.21	19.57	20.17	0.60	3,552.55
MW - 1	05/16/01	3,572.21	19.63	20.61	0.98	3,552.43
MW - 1	08/06/01	3,572.21	19.76	21.09	1.33	3,552.25
MW - 1	09/27/01	3,572.21	19.91	20.88	0.97	3,552.15
MW - 1	10/29/01	3,572.21	19.91	20.88	0.97	3,552.15
MW - 1	03/29/02	3,572.21	19.34	19.37	0.03	3,552.87
MW - 1	05/20/02	3,572.21	19.81	19.93	0.12	3,552.38
MW - 1	09/10/02	3,572.21	19.80	20.16	0.36	3,552.36
MW - 1	10/02/02	3,572.21	19.91	20.45	0.54	3,552.22
MW - 1	10/03/02	3,572.21	19.89	20.83	0.94	3,552.18
MW - 1	10/08/02	3,572.21	19.92	20.44	0.52	3,552.21
MW - 1	10/14/02	3,572.21	19.94	20.52	0.58	3,552.18
MW - 1	10/22/02	3,572.21	19.99	20.50	0.51	3,552.14
MW - 1	11/14/02	3,572.21	19.66	19.83	0.17	3,552.52
MW - 1	12/03/03	3,572.21	20.25	21.20	0.95	3,551.82
MW - 1	01/14/04	3,572.21	20.82	21.70	0.88	3,551.26
MW - 1	01/19/04	3,572.21	20.81	21.72	0.91	3,551.26
MW - 1	01/27/04	3,572.21	20.79	21.65	0.86	3,551.29
MW - 1	02/03/04	3,572.21	20.75	21.62	0.87	3,551.33
MW - 1	02/10/04	3,572.21	21.00	21.21	0.21	3,551.18
MW - 1	02/19/04	3,572.21	20.58	21.13	0.55	3,551.55
MW - 1	02/23/04	3,572.21	20.97	21.16	0.19	3,551.21
MW - 1	03/02/04	3,572.21	20.94	21.18	0.24	3,551.23
MW - 1	03/03/04	3,572.21	20.23	20.64	0.41	3,551.92
MW - 1	03/11/04	3,572.21	20.46	20.77	0.31	3,551.70
MW - 1	03/15/04	3,572.21	20.42	20.69	0.27	3,551.75
MW - 1	03/17/04	3,572.21	20.73	20.94	0.21	3,551.45
MW - 1	03/22/04	3,572.21	20.76	20.98	0.22	3,551.42
MW - 1	03/24/04	3,572.21	20.23	20.36	0.13	3,551.96
MW - 1	03/29/04	3,572.21	20.90	20.98	0.08	3,551.30
MW - 1	04/07/04	3,572.21	17.26	17.26	0.00	3,554.95
MW - 1	04/13/04	3,572.21	17.17	17.17	0.00	3,555.04
MW - 1	04/20/04	3,572.21	18.25	18.25	0.00	3,553.96
MW - 1	04/27/04	3,572.21	18.88	18.89	0.01	3,553.33
MW - 1	05/11/04	3,572.21	19.64	19.64	0.00	3,552.57
MW - 1	05/18/04	3,572.21	19.22	19.22	0.00	3,552.99
MW - 1	06/17/04	3,572.21	19.42	19.42	0.00	3,552.79
MW - 1	06/23/04	3,572.21	19.45	19.45	0.00	3,552.76
MW - 1	06/30/04	3,572.21	-	19.43	0.00	3,552.78
MW - 1	07/07/04	3,572.21	-	19.44	0.00	3,552.77
MW - 1	07/21/04	3,572.21	-	19.13	0.00	3,553.08
MW - 1	08/04/04	3,572.21	-	19.12	0.00	3,553.09
MW - 1	08/11/04	3,572.21	19.40	19.41	0.01	3,552.81
MW - 1	09/07/04	3,572.21	sheen	19.50	0.00	3,552.71
MW - 1	09/13/04	3,572.21	sheen	19.52	0.00	3,552.69
MW - 1	09/21/04	3,572.21	sheen	20.63	0.00	3,551.58

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	09/21/04	3,572.21	sheen	20.63	0.00	3,551.58
MW - 1	10/12/04	3,572.21	sheen	14.45	0.00	3,557.76
MW - 1	10/21/04	3,572.21	sheen	15.85	0.00	3,556.36
MW - 1	10/28/04	3,572.21	sheen	15.82	0.00	3,556.39
MW - 1	11/03/04	3,572.21	sheen	17.08	0.00	3,555.13
MW - 1	11/10/04	3,572.21	sheen	16.97	0.00	3,555.24
MW - 1	11/17/04	3,572.21	sheen	16.40	0.00	3,555.81
MW - 1	12/01/04	3,572.21	sheen	13.80	0.00	3,558.41
MW - 1	12/08/04	3,572.21	sheen	14.31	0.00	3,557.90
MW - 1	12/14/04	3,572.21	-	14.85	0.00	3,557.36
MW - 1	12/16/04	3,572.21	sheen	14.85	0.00	3,557.36
MW - 1	12/28/04	3,572.21	sheen	14.49	0.00	3,557.72
MW - 1	01/05/05	3,572.21	sheen	16.36	0.00	3,555.85
MW - 1	01/13/05	3,572.21	sheen	16.72	0.00	3,555.49
MW - 1	01/19/05	3,572.21	sheen	17.22	0.00	3,554.99
MW - 1	01/27/05	3,572.21	sheen	17.66	0.00	3,554.55
MW - 1	02/03/05	3,572.21	sheen	17.97	0.00	3,554.24
MW - 1	02/10/05	3,572.21	sheen	18.34	0.00	3,553.87
MW - 1	02/17/05	3,572.21	sheen	18.61	0.00	3,553.60
MW - 1	02/24/05	3,572.21	sheen	18.80	0.00	3,553.41
MW - 1	03/03/05	3,572.21	sheen	18.55	0.00	3,553.66
MW - 1	03/08/05	3,572.21	sheen	19.00	0.00	3,553.21
MW - 1	03/10/05	3,572.21	sheen	19.00	0.00	3,553.21
MW - 1	03/17/05	3,572.21	sheen	18.98	0.00	3,553.23
MW - 1	03/24/05	3,572.21	sheen	19.23	0.00	3,552.98
MW - 1	03/31/05	3,572.21	sheen	19.36	0.00	3,552.85
MW - 1	04/07/05	3,572.21	sheen	19.29	0.00	3,552.92
MW - 1	04/14/05	3,572.21	sheen	19.23	0.00	3,552.98
MW - 1	05/24/05	3,572.21	sheen	20.09	0.00	3,552.12
MW - 1	06/07/05	3,572.21	sheen	19.43	0.00	3,552.78
MW - 1	06/23/05	3,572.21	sheen	19.51	0.00	3,552.70
MW - 1	07/28/05	3,572.21	sheen	19.58	0.00	3,552.63
MW - 1	08/24/05	3,572.21	sheen	18.19	0.00	3,554.02
MW - 1	09/07/05	3,572.21	-	18.96	0.00	3,553.25
MW - 1	09/30/05	3,572.21	-	19.29	0.00	3,552.92
MW - 1	10/28/05	3,572.21	sheen	19.42	0.00	3,552.79
MW - 1	11/16/05	3,572.21	sheen	19.50	0.00	3,552.71
MW - 1	12/02/05	3,572.21	-	19.54	0.00	3,552.67
MW - 1	12/30/05	3,572.21	sheen	19.59	0.00	3,552.62
MW - 1	01/18/06	3,572.21	sheen	19.60	0.00	3,552.61
MW - 1	02/17/06	3,572.21	sheen	19.60	0.00	3,552.61
MW - 1	03/08/06	3,572.21	sheen	19.59	0.00	3,552.62
MW - 1	03/20/06	3,572.21	sheen	19.64	0.00	3,552.57
MW - 1	04/19/06	3,572.21	sheen	19.62	0.00	3,552.59
MW - 1	05/25/06	3,572.21	20.61	20.72	0.11	3,551.58
MW - 1	06/07/06	3,572.21	sheen	19.62	0.00	3,552.59
MW - 1	07/13/06	3,572.21	sheen	19.28	0.00	3,552.93
MW - 1	07/27/06	3,572.21	sheen	19.61	0.00	3,552.60
MW - 1	08/10/06	3,572.21	-	19.49	0.00	3,552.72
MW - 1	09/12/06	3,572.21	-	14.64	0.00	3,557.57
MW - 1	09/16/06	3,572.21	sheen	14.71	0.00	3,557.50

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	10/04/06	3,572.21	-	19.66	0.00	3,552.55
MW - 1	11/15/06	3,572.21	-	19.26	0.00	3,552.95
MW - 1	11/22/06	3,572.21	-	18.75	0.00	3,553.46
MW - 1	01/11/07	3,572.21	-	19.40	0.00	3,552.81
MW - 1	02/05/07	3,572.21	-	19.43	0.00	3,552.78
MW - 1	02/21/07	3,572.21	-	19.54	0.00	3,552.67
MW - 1	03/27/07	3,572.21	-	19.44	0.00	3,552.77
MW - 1	05/16/07	3,572.21	-	19.34	0.00	3,552.87
MW - 1	08/10/07	3,572.21	-	19.51	0.00	3,552.70
MW - 1	12/28/07	3,572.21	-	19.60	0.00	3,552.61
MW - 1	02/18/08	3,572.21	-	19.60	0.00	3,552.61
MW - 1	02/29/08	3,572.21	-	19.64	0.00	3,552.57
MW - 1	05/12/08	3,572.21	-	19.67	0.00	3,552.54
MW - 1	08/08/08	3,572.21	-	19.78	0.00	3,552.43
MW - 1	08/12/08	3,572.21	-	19.76	0.00	3,552.45
MW - 1	10/08/08	3,572.21	-	19.98	0.00	3,552.23
MW - 1	10/24/08	3,572.21	-	19.71	0.00	3,552.50
MW - 1	10/28/08	3,572.21	-	19.70	0.00	3,552.51
MW - 1	11/03/08	3,572.21	-	19.81	0.00	3,552.40
MW - 1	11/07/08	3,572.21	-	19.74	0.00	3,552.47
MW - 1	11/10/08	3,572.21	-	19.78	0.00	3,552.43
MW - 1	11/17/08	3,572.21	-	19.78	0.00	3,552.43
MW - 1	11/24/08	3,572.21	-	19.94	0.00	3,552.27
MW - 1	12/01/08	3,572.21	-	21.62	0.00	3,550.59
MW - 1	12/08/08	3,572.21	-	19.85	0.00	3,552.36
MW - 1	12/15/08	3,572.21	-	21.49	0.00	3,550.72
MW - 1	12/19/08	3,572.21	-	19.78	0.00	3,552.43
MW - 1	12/22/08	3,572.21	-	19.78	0.00	3,552.43
MW - 1	01/07/09	3,572.21	-	19.83	0.00	3,552.38
MW - 1	01/12/09	3,572.21	-	18.81	0.00	3,553.40
MW - 1	01/15/09	3,572.21	-	19.86	0.00	3,552.35
MW - 1	01/19/09	3,572.21	-	19.83	0.00	3,552.38
MW - 1	01/21/09	3,572.21	-	19.87	0.00	3,552.34
MW - 1	01/29/09	3,572.21	-	19.86	0.00	3,552.35
MW - 1	02/06/09	3,572.21	-	19.85	0.00	3,552.36
MW - 1	02/17/09	3,572.21	-	19.87	0.00	3,552.34
MW - 1	02/23/09	3,572.21	-	19.94	0.00	3,552.27
MW - 1	03/02/09	3,572.21	-	19.92	0.00	3,552.29
MW - 1	03/05/09	3,572.21	-	21.01	0.00	3,551.20
MW - 1	03/09/09	3,572.21	-	20.03	0.00	3,552.18
MW - 1	03/17/09	3,572.21	-	21.01	0.00	3,551.20
MW - 1	03/18/09	3,572.21	-	21.02	0.00	3,551.19
MW - 1	03/26/09	3,572.21	-	19.95	0.00	3,552.26
MW - 1	03/30/09	3,572.21	-	20.02	0.00	3,552.19
MW - 1	04/06/09	3,572.21	-	19.97	0.00	3,552.24
MW - 1	04/13/09	3,572.21	-	21.03	0.00	3,551.18
MW - 1	04/16/09	3,572.21	-	19.96	0.00	3,552.25
MW - 1	04/20/09	3,572.21	-	19.93	0.00	3,552.28
MW - 1	04/23/09	3,572.21	-	21.04	0.00	3,551.17
MW - 1	04/27/09	3,572.21	-	21.03	0.00	3,551.18
MW - 1	04/30/09	3,572.21	-	19.92	0.00	3,552.29

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/07/09	3,572.21	-	19.90	0.00	3,552.31
MW - 1	05/21/09	3,572.21	-	19.72	0.00	3,552.49
MW - 1	05/26/09	3,572.21	-	19.76	0.00	3,552.45
MW - 1	06/02/09	3,572.21	-	19.74	0.00	3,552.47
MW - 1	06/08/09	3,572.21	-	19.78	0.00	3,552.43
MW - 1	06/17/09	3,572.21	-	21.02	0.00	3,551.19
MW - 1	06/29/09	3,572.21	-	21.01	0.00	3,551.20
MW - 1	07/07/09	3,572.21	-	19.74	0.00	3,552.47
MW - 1	07/14/09	3,572.21	-	19.67	0.00	3,552.54
MW - 1	07/21/09	3,572.21	-	19.56	0.00	3,552.65
MW - 1	07/27/09	3,572.21	-	19.68	0.00	3,552.53
MW - 1	07/30/09	3,572.21	-	19.65	0.00	3,552.56
MW - 1	08/04/09	3,572.21	-	19.69	0.00	3,552.52
MW - 1	08/06/09	3,572.21	-	19.66	0.00	3,552.55
MW - 1	08/19/09	3,572.21	-	19.70	0.00	3,552.51
MW - 1	08/27/09	3,572.21	-	19.71	0.00	3,552.50
MW - 1	08/31/09	3,572.21	-	19.72	0.00	3,552.49
MW - 1	09/10/09	3,572.21	-	19.66	0.00	3,552.55
MW - 1	09/17/09	3,572.21	-	19.65	0.00	3,552.56
MW - 1	09/25/09	3,572.21	-	19.63	0.00	3,552.58
MW - 1	09/29/09	3,572.21	-	19.78	0.00	3,552.43
MW - 1	10/06/09	3,572.21	-	19.71	0.00	3,552.50
MW - 1	10/19/09	3,572.21	-	19.79	0.00	3,552.42
MW - 1	10/26/09	3,572.21	-	19.86	0.00	3,552.35
MW - 1	11/06/09	3,572.21	-	19.68	0.00	3,552.53
MW - 1	11/09/09	3,572.21	-	19.79	0.00	3,552.42
MW - 1	12/08/09	3,572.21	-	19.71	0.00	3,552.50
MW - 1	01/05/10	3,572.21	-	19.79	0.00	3,552.42
MW - 1	01/21/10	3,572.21	-	19.70	0.00	3,552.51
MW - 1	02/04/10	3,572.21	-	19.70	0.00	3,552.51
MW - 1	03/03/10	3,572.21	-	19.78	0.00	3,552.43
MW - 1	04/16/10	3,572.21	-	19.76	0.00	3,552.45
MW - 1	08/09/10	3,572.21	-	19.79	0.00	3,552.42
MW - 1	11/01/10	3,572.21	-	19.52	0.00	3,552.69
MW - 1	02/10/11	3,572.21	-	19.52	0.00	3,552.69
MW - 1	05/04/11	3,572.21	-	19.65	0.00	3,552.56
MW - 1	05/26/11	3,572.21	-	19.68	0.00	3,552.53
MW - 1	06/09/11	3,572.21	-	19.69	0.00	3,552.52
MW - 1	06/13/11	3,572.21	-	19.65	0.00	3,552.56
MW - 1	06/29/11	3,572.21	-	19.70	0.00	3,552.51
MW - 1	07/07/11	3,572.21	-	19.71	0.00	3,552.50
MW - 1	07/08/11	3,572.21	-	19.54	0.00	3,552.67
MW - 1	08/01/11	3,572.21	-	19.68	0.00	3,552.53
MW - 1	08/03/11	3,572.21	-	19.53	0.00	3,552.68
MW - 1	09/12/11	3,572.21	-	19.80	0.00	3,552.41
MW - 1	10/31/11	3,572.21	-	20.00	0.00	3,552.21
MW - 1	11/11/11	3,572.21	-	19.77	0.00	3,552.44
MW - 1	12/07/11	3,572.21	-	19.74	0.00	3,552.47
MW - 1	12/21/11	3,572.21	-	19.75	0.00	3,552.46
MW - 1	01/03/12	3,572.21	-	19.75	0.00	3,552.46
MW - 1	01/11/12	3,572.21	-	19.71	0.00	3,552.50

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/13/12	3,572.21	-	19.78	0.00	3,552.43
MW - 1	03/19/12	3,572.21	-	19.73	0.00	3,552.48
MW - 1	05/25/12	3,572.21	-	19.72	0.00	3,552.49
MW - 1	06/21/12	3,572.21	-	19.71	0.00	3,552.50
MW - 1	08/06/12	3,572.21	-	19.81	0.00	3,552.40
MW - 1	10/24/12	3,572.21	-	19.76	0.00	3,552.45
MW - 1	11/08/12	3,572.21	-	19.73	0.00	3,552.48
MW - 1	12/14/12	3,572.21	-	19.76	0.00	3,552.45
MW - 1	01/24/13	3,572.21	-	19.80	0.00	3,552.41
MW - 1	02/04/13	3,572.21	-	19.76	0.00	3,552.45
MW - 1	02/05/13	3,572.21	-	19.74	0.00	3,552.47
MW - 1	03/26/13	3,572.21	-	19.78	0.00	3,552.43
MW - 1	04/30/12	3,572.21	-	19.83	0.00	3,552.38
MW - 1	05/01/13	3,572.21	-	19.83	0.00	3,552.38
MW - 1	05/28/13	3,572.21	-	19.78	0.00	3,552.43
MW - 1	05/30/13	3,572.21	-	19.80	0.00	3,552.41
MW - 1	06/12/13	3,572.21	-	19.84	0.00	3,552.37
MW - 1	07/02/13	3,572.21	-	19.99	0.00	3,552.22
MW - 1	08/06/13	3,572.21	-	17.82	0.00	3,554.39
MW - 1	08/13/13	3,572.21	-	19.68	0.00	3,552.53
MW - 1	09/25/13	3,572.21	-	19.66	0.00	3,552.55
MW - 1	10/25/13	3,572.21	-	19.76	0.00	3,552.45
MW - 1	11/20/13	3,572.21	-	19.65	0.00	3,552.56
MW - 1	12/23/13	3,572.21	-	19.70	0.00	3,552.51
MW - 1	01/23/14	3,572.21	-	19.73	0.00	3,552.48
MW - 1	02/04/14	3,572.21	aged and Abandoned			
MW - 1A	02/26/14	3,573.66	-	21.06	0.00	3,552.60
MW - 1A	03/27/14	3,573.66	-	21.10	0.00	3,552.56
MW - 1A	05/07/14	3,573.66	-	21.27	0.00	3,552.39
MW - 1A	05/30/14	3,573.66	-	21.30	0.00	3,552.36
MW - 1A	06/23/14	3,573.66	-	21.43	0.00	3,552.23
MW - 1A	07/28/14	3,573.66	-	21.60	0.00	3,552.06
MW - 1A	07/29/14	3,573.66	-	21.60	0.00	3,552.06
MW - 1A	08/26/14	3,573.66	-	21.58	0.00	3,552.08
MW - 1A	10/29/14	3,573.66	-	19.03	0.00	3,554.63
MW - 1A	11/11/14	3,573.66	-	19.67	0.00	3,553.99
MW - 1A	12/01/14	3,573.66	-	20.47	0.00	3,553.19
MW - 1A	01/26/15	3,573.66	-	20.95	0.00	3,552.71
MW - 1A	02/19/15	3,573.66	-	20.95	0.00	3,552.71
MW - 1A	03/11/15	3,573.66	-	21.00	0.00	3,552.66
MW - 1A	03/31/15	3,573.66	-	21.00	0.00	3,552.66
MW - 1A	04/08/15	3,573.66	-	21.06	0.00	3,552.60
MW - 1A	04/27/15	3,573.66	-	21.11	0.00	3,552.55
MW - 1A	05/18/15	3,573.66	-	20.98	0.00	3,552.68
MW - 1A	05/29/15	3,573.66	-	20.98	0.00	3,552.68
MW - 1A	06/02/15	3,573.66	-	20.95	0.00	3,552.71
MW - 1A	06/15/15	3,573.66	-	21.02	0.00	3,552.64
MW - 1A	06/30/15	3,573.66	-	21.04	0.00	3,552.62
MW - 1A	07/03/15	3,573.66	-	21.08	0.00	3,552.58
MW - 1A	07/30/15	3,573.66	-	21.14	0.00	3,552.52

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1A	08/11/15	3,573.66	-	21.14	0.00	3,552.52
MW - 1A	08/25/15	3,573.66	-	21.14	0.00	3,552.52
MW - 1A	09/04/15	3,573.66	-	21.19	0.00	3,552.47
MW - 1A	09/22/15	3,573.66	-	21.16	0.00	3,552.50
MW - 1A	10/09/15	3,573.66	-	21.17	0.00	3,552.49
MW - 1A	10/23/15	3,573.66	-	21.16	0.00	3,552.50
MW - 1A	11/04/15	3,573.66	-	21.14	0.00	3,552.52
MW - 1A	12/01/15	3,573.66	-	21.16	0.00	3,552.50
MW - 1A	12/09/15	3,573.66	-	21.17	0.00	3,552.49
MW - 1A	01/04/16	3,573.66	-	21.18	0.00	3,552.48
MW - 1A	01/07/16	3,573.66	-	21.16	0.00	3,552.50
MW - 1A	01/21/16	3,573.66	-	21.19	0.00	3,552.47
MW - 1A	02/02/16	3,573.66	-	21.14	0.00	3,552.52
MW - 1A	02/22/16	3,573.66	-	21.03	0.00	3,552.63
MW - 1A	03/07/16	3,573.66	-	21.05	0.00	3,552.61
MW - 1A	03/28/16	3,573.66	-	21.05	0.00	3,552.61
MW - 1A	04/05/16	3,573.66	-	21.05	0.00	3,552.61
MW - 1A	04/22/16	3,573.66	-	21.07	0.00	3,552.59
MW - 1A	05/03/16	3,573.66	-	21.08	0.00	3,552.58
MW - 1A	06/06/16	3,573.66	-	21.13	0.00	3,552.53
MW - 1A	06/27/16	3,573.66	-	21.14	0.00	3,552.52
MW - 1A	07/26/16	3,573.66	-	21.17	0.00	3,552.49
MW - 1A	08/02/16	3,573.66	-	21.19	0.00	3,552.47
MW - 1A	08/29/16	3,573.66	-	21.03	0.00	3,552.63
MW - 1A	09/20/16	3,573.66	-	20.43	0.00	3,553.23
MW - 1A	10/03/16	3,573.66	-	20.39	0.00	3,553.27
MW - 1A	10/25/16	3,573.66	-	20.71	0.00	3,552.95
MW - 1A	11/02/16	3,573.66	-	20.92	0.00	3,552.74
MW - 1A	12/02/16	3,573.66	-	21.09	0.00	3,552.57
MW - 1A	12/26/16	3,573.66	-	21.13	0.00	3,552.53
MW - 1A	01/30/17	3,573.66	-	21.18	0.00	3,552.48
MW - 1A	02/09/17	3,573.66	-	21.15	0.00	3,552.51
MW - 1A	03/02/17	3,573.66	-	21.18	0.00	3,552.48
MW - 1A	03/27/17	3,573.66	-	21.12	0.00	3,552.54
MW - 1A	04/21/17	3,573.66	-	21.14	0.00	3,552.52
MW - 1A	05/03/17	3,573.66	-	21.23	0.00	3,552.43
MW - 1A	05/22/17	3,573.66	-	21.26	0.00	3,552.40
MW - 1A	06/23/17	3,573.66	-	21.31	0.00	3,552.35
MW - 1A	07/22/17	3,573.66	-	21.33	0.00	3,552.33
MW - 1A	08/30/17	3,573.66	-	20.95	0.00	3,552.71
MW - 1A	09/21/17	3,573.66	-	21.00	0.00	3,552.66
MW - 1A	11/01/17	3,573.66	-	21.07	0.00	3,552.59
MW - 1A	11/21/17	3,573.66	-	21.15	0.00	3,552.51
MW - 1A	01/31/18	3,573.66	-	21.13	0.00	3,552.53
MW - 1A	02/27/18	3,573.66	-	21.09	0.00	3,552.57
MW - 1A	04/27/18	3,573.66	-	21.22	0.00	3,552.44
MW - 1A	05/22/18	3,573.66	-	21.28	0.00	3,552.38
MW - 1A	06/26/18	3,573.66	-	21.34	0.00	3,552.32
MW - 1A	08/01/18	3,573.66	-	21.29	0.00	3,552.37
MW - 1A	08/21/18	3,573.66	-	21.28	0.00	3,552.38
MW - 1A	10/01/18	3,573.66	-	21.17	0.00	3,552.49

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1A	11/01/18	3,573.66	-	21.18	0.00	3,552.48
MW - 2	02/22/00	3,571.46	-	22.95	0.00	3,548.51
MW - 2	02/23/00	3,571.46	-	22.95	0.00	3,548.51
MW - 2	04/06/00	3,571.46	-	22.87	0.00	3,548.59
MW - 2	08/29/00	3,571.46	-	22.06	0.00	3,549.40
MW - 2	12/04/00	3,571.46	-	22.48	0.00	3,548.98
MW - 2	01/23/01	3,571.46	-	22.54	0.00	3,548.92
MW - 2	05/16/01	3,571.46	-	22.53	0.00	3,548.93
MW - 2	08/06/01	3,571.46	-	22.74	0.00	3,548.72
MW - 2	09/27/01	3,571.46	-	22.85	0.00	3,548.61
MW - 2	10/29/01	3,571.46	-	22.85	0.00	3,548.61
MW - 2	03/29/02	3,571.46	-	21.86	0.00	3,549.60
MW - 2	05/20/02	3,571.46	-	22.51	0.00	3,548.95
MW - 2	09/10/02	3,571.46	-	22.59	0.00	3,548.87
MW - 2	11/14/02	3,571.46	-	22.12	0.00	3,549.34
MW - 2	12/03/03	3,571.46	-	22.99	0.00	3,548.47
MW - 2	03/03/04	3,571.46	-	23.01	0.00	3,548.45
MW - 2	05/18/04	3,571.46	-	21.06	0.00	3,550.40
MW - 2	09/07/04	3,571.46	-	22.10	0.00	3,549.36
MW - 2	12/14/04	3,571.46	-	16.61	0.00	3,554.85
MW - 2	06/07/05	3,571.46	-	21.82	0.00	3,549.64
MW - 2	09/07/05	3,571.46	-	20.60	0.00	3,550.86
MW - 2	12/02/05	3,571.46	-	22.06	0.00	3,549.40
MW - 2	03/08/06	3,571.46	-	22.30	0.00	3,549.16
MW - 2	06/07/06	3,571.46	-	22.36	0.00	3,549.10
MW - 2	07/13/06	3,571.46	-	22.26	0.00	3,549.20
MW - 2	07/27/06	3,571.46	-	22.31	0.00	3,549.15
MW - 2	08/10/06	3,571.46	-	22.16	0.00	3,549.30
MW - 2	09/12/06	3,571.46	-	16.31	0.00	3,555.15
MW - 2	09/16/06	3,571.46	-	16.78	0.00	3,554.68
MW - 2	10/04/06	3,571.46	-	16.35	0.00	3,555.11
MW - 2	11/15/06	3,571.46	-	16.00	0.00	3,555.46
MW - 2	11/22/06	3,571.46	-	19.95	0.00	3,551.51
MW - 2	01/11/07	3,571.46	-	21.40	0.00	3,550.06
MW - 2	02/21/07	3,571.46	-	21.89	0.00	3,549.57
MW - 2	05/16/07	3,571.46	-	22.04	0.00	3,549.42
MW - 2	08/10/07	3,571.46	-	22.19	0.00	3,549.27
MW - 2	12/28/07	3,571.46	-	22.38	0.00	3,549.08
MW - 2	02/18/08	3,571.46	-	22.42	0.00	3,549.04
MW - 2	05/12/08	3,571.46	-	22.41	0.00	3,549.05
MW - 2	08/08/08	3,571.46	-	22.45	0.00	3,549.01
MW - 2	11/07/08	3,571.46	-	22.43	0.00	3,549.03
MW - 2	02/06/09	3,571.46	-	22.48	0.00	3,548.98
MW - 2	04/13/09	3,571.46	-	21.02	0.00	3,550.44
MW - 2	05/07/09	3,571.46	-	22.49	0.00	3,548.97
MW - 2	07/07/09	3,571.46	-	22.39	0.00	3,549.07
MW - 2	08/04/09	3,571.46	-	22.31	0.00	3,549.15
MW - 2	11/09/09	3,571.46	-	22.35	0.00	3,549.11
MW - 2	01/05/10	3,571.46	-	22.40	0.00	3,549.06
MW - 2	02/04/10	3,571.46	-	22.42	0.00	3,549.04

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	08/09/10	3,571.46	-	22.35	0.00	3,549.11
MW - 2	11/01/10	3,571.46	-	21.78	0.00	3,549.68
MW - 2	02/10/11	3,571.46	-	21.80	0.00	3,549.66
MW - 2	05/04/11	3,571.46	-	22.34	0.00	3,549.12
MW - 2	08/03/11	3,571.46	-	21.82	0.00	3,549.64
MW - 2	11/11/11	3,571.46	-	22.48	0.00	3,548.98
MW - 2	02/13/12	3,571.46	-	22.48	0.00	3,548.98
MW - 2	05/25/12	3,571.46	-	22.45	0.00	3,549.01
MW - 2	08/06/12	3,571.46	-	22.51	0.00	3,548.95
MW - 2	11/08/12	3,571.46	-	22.42	0.00	3,549.04
MW - 2	02/05/13	3,571.46	-	22.43	0.00	3,549.03
MW - 2	05/28/13	3,571.46	-	22.48	0.00	3,548.98
MW - 2	08/13/13	3,571.46	-	22.41	0.00	3,549.05
MW - 2	11/20/13	3,571.46	-	22.33	0.00	3,549.13
MW - 2	02/04/14	3,571.46	-	22.39	0.00	3,549.07
MW - 2	05/07/14	3,571.46	-	22.42	0.00	3,549.04
MW - 2	07/28/14	3,571.46	-	22.59	0.00	3,548.87
MW - 2	08/26/14	3,571.46	-	22.68	0.00	3,548.78
MW - 2	10/29/14	3,571.46	-	18.68	0.00	3,552.78
MW - 2	11/11/14	3,571.46	-	19.16	0.00	3,552.30
MW - 2	01/26/15	3,571.46	-	21.44	0.00	3,550.02
MW - 2	02/19/15	3,571.46	-	21.67	0.00	3,549.79
MW - 2	03/11/15	3,571.46	-	21.86	0.00	3,549.60
MW - 2	04/08/15	3,571.46	-	21.97	0.00	3,549.49
MW - 2	05/18/15	3,571.46	-	21.95	0.00	3,549.51
MW - 2	06/02/15	3,571.46	-	21.78	0.00	3,549.68
MW - 2	06/15/15	3,571.46	-	21.78	0.00	3,549.68
MW - 2	07/03/15	3,571.46	-	21.98	0.00	3,549.48
MW - 2	08/11/15	3,571.46	-	22.14	0.00	3,549.32
MW - 2	09/04/15	3,571.46	-	22.21	0.00	3,549.25
MW - 2	10/09/15	3,571.46	-	22.27	0.00	3,549.19
MW - 2	11/04/15	3,571.46	-	22.21	0.00	3,549.25
MW - 2	12/09/15	3,571.46	-	22.28	0.00	3,549.18
MW - 2	01/07/16	3,571.46	-	22.32	0.00	3,549.14
MW - 2	02/02/16	3,571.46	-	22.31	0.00	3,549.15
MW - 2	03/07/16	3,571.46	-	22.33	0.00	3,549.13
MW - 2	04/05/16	3,571.46	-	22.34	0.00	3,549.12
MW - 2	05/03/16	3,571.46	-	22.35	0.00	3,549.11
MW - 2	06/27/16	3,571.46	-	22.41	0.00	3,549.05
MW - 2	07/26/16	3,571.46	-	22.44	0.00	3,549.02
MW - 2	08/02/16	3,571.46	-	22.45	0.00	3,549.01
MW - 2	09/20/16	3,571.46	-	21.23	0.00	3,550.23
MW - 2	10/03/16	3,571.46	-	20.59	0.00	3,550.87
MW - 2	01/30/17	3,571.46	-	22.16	0.00	3,549.30
MW - 2	02/09/17	3,571.46	-	22.19	0.00	3,549.27
MW - 2	03/27/17	3,571.46	-	22.27	0.00	3,549.19
MW - 2	04/21/17	3,571.46	-	22.31	0.00	3,549.15
MW - 2	05/03/17	3,571.46	-	22.31	0.00	3,549.15
MW - 2	05/22/17	3,571.46	-	22.33	0.00	3,549.13
MW - 2	06/23/17	3,571.46	-	22.37	0.00	3,549.09
MW - 2	07/22/17	3,571.46	-	22.42	0.00	3,549.04

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	08/30/17	3,571.46	-	21.95	0.00	3,549.51
MW - 2	09/21/17	3,571.46	-	21.65	0.00	3,549.81
MW - 2	11/01/17	3,571.46	-	22.03	0.00	3,549.43
MW - 2	11/21/17	3,571.46	-	22.12	0.00	3,549.34
MW - 2	01/31/18	3,571.46	-	22.33	0.00	3,549.13
MW - 2	02/27/18	3,571.46	-	22.35	0.00	3,549.11
MW - 2	04/27/18	3,571.46	-	22.37	0.00	3,549.09
MW - 2	05/22/18	3,571.46	-	22.38	0.00	3,549.08
MW - 2	06/26/18	3,571.46	-	22.44	0.00	3,549.02
MW - 2	08/01/18	3,571.46	-	22.46	0.00	3,549.00
MW - 2	08/21/18	3,571.46	-	22.46	0.00	3,549.00
MW - 2	10/01/18	3,571.46	-	22.44	0.00	3,549.02
MW - 2	11/01/18	3,571.46	-	22.36	0.00	3,549.10
MW - 3	02/22/00	3,573.46	-	20.95	0.00	3,552.51
MW - 3	02/23/00	3,573.46	-	20.92	0.00	3,552.54
MW - 3	04/06/00	3,573.46	-	20.85	0.00	3,552.61
MW - 3	08/29/00	3,573.46	-	20.53	0.00	3,552.93
MW - 3	12/04/00	3,573.46	-	20.64	0.00	3,552.82
MW - 3	01/23/01	3,573.46	-	20.60	0.00	3,552.86
MW - 3	05/16/01	3,573.46	-	20.69	0.00	3,552.77
MW - 3	08/06/01	3,573.46	-	20.89	0.00	3,552.57
MW - 3	09/27/01	3,573.46	-	20.96	0.00	3,552.50
MW - 3	10/29/01	3,573.46	-	20.96	0.00	3,552.50
MW - 3	03/29/02	3,573.46	-	20.54	0.00	3,552.92
MW - 3	05/20/02	3,573.46	-	20.78	0.00	3,552.68
MW - 3	09/10/02	3,573.46	-	20.82	0.00	3,552.64
MW - 3	11/14/02	3,573.46	-	20.68	0.00	3,552.78
MW - 3	12/03/03	3,573.46	-	21.18	0.00	3,552.28
MW - 3	03/03/04	3,573.46	-	21.17	0.00	3,552.29
MW - 3	05/18/04	3,573.46	-	20.24	0.00	3,553.22
MW - 3	09/07/04	3,573.46	-	20.58	0.00	3,552.88
MW - 3	12/14/04	3,573.46	-	18.47	0.00	3,554.99
MW - 3	03/08/05	3,573.46	-	20.28	0.00	3,553.18
MW - 3	06/07/05	3,573.46	-	20.46	0.00	3,553.00
MW - 3	09/07/05	3,573.46	-	20.19	0.00	3,553.27
MW - 3	12/02/05	3,573.46	-	20.53	0.00	3,552.93
MW - 3	03/08/06	3,573.46	-	20.57	0.00	3,552.89
MW - 3	06/07/06	3,573.46	-	20.62	0.00	3,552.84
MW - 3	09/12/06	3,573.46	-	18.42	0.00	3,555.04
MW - 3	11/22/06	3,573.46	-	20.13	0.00	3,553.33
MW - 3	02/21/07	3,573.46	-	20.49	0.00	3,552.97
MW - 3	05/16/07	3,573.46	-	20.46	0.00	3,553.00
MW - 3	08/10/07	3,573.46	-	20.53	0.00	3,552.93
MW - 3	12/28/07	3,573.46	-	26.00	0.00	3,547.46
MW - 3	02/18/08	3,573.46	-	20.60	0.00	3,552.86
MW - 3	05/12/08	3,573.46	-	20.61	0.00	3,552.85
MW - 3	08/08/08	3,573.46	-	20.65	0.00	3,552.81
MW - 3	11/07/08	3,573.46	-	20.73	0.00	3,552.73
MW - 3	02/06/09	3,573.46	-	20.81	0.00	3,552.65
MW - 3	05/07/09	3,573.46	-	20.68	0.00	3,552.78

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	08/04/09	3,573.46	-	20.58	0.00	3,552.88
MW - 3	11/09/09	3,573.46	-	20.63	0.00	3,552.83
MW - 3	01/05/10	3,573.46	-	20.66	0.00	3,552.80
MW - 3	02/04/10	3,573.46	-	20.66	0.00	3,552.80
MW - 3	08/09/10	3,573.46	-	20.64	0.00	3,552.82
MW - 3	11/01/10	3,573.46	-	20.54	0.00	3,552.92
MW - 3	02/10/11	3,573.46	-	20.53	0.00	3,552.93
MW - 3	05/04/11	3,573.46	-	20.60	0.00	3,552.86
MW - 3	08/03/11	3,573.46	-	20.50	0.00	3,552.96
MW - 3	11/11/11	3,573.46	-	20.72	0.00	3,552.74
MW - 3	02/13/12	3,573.46	-	20.69	0.00	3,552.77
MW - 3	05/25/12	3,573.46	-	20.69	0.00	3,552.77
MW - 3	08/06/12	3,573.46	-	20.72	0.00	3,552.74
MW - 3	11/08/12	3,573.46	-	20.67	0.00	3,552.79
MW - 3	02/05/13	3,573.46	-	20.89	0.00	3,552.57
MW - 3	05/28/13	3,573.46	-	20.76	0.00	3,552.70
MW - 3	08/13/13	3,573.46	-	20.65	0.00	3,552.81
MW - 3	11/20/13	3,573.46	-	20.62	0.00	3,552.84
MW - 3	02/04/14	3,573.46	-	20.63	0.00	3,552.83
MW - 3	05/07/14	3,573.46	-	20.67	0.00	3,552.79
MW - 3	07/28/14	3,573.46	-	20.90	0.00	3,552.56
MW - 3	08/26/14	3,573.46	-	20.96	0.00	3,552.50
MW - 3	10/29/14	3,573.46	-	19.76	0.00	3,553.70
MW - 3	11/11/14	3,573.46	-	19.95	0.00	3,553.51
MW - 3	01/26/15	3,573.46	-	20.45	0.00	3,553.01
MW - 3	02/19/15	3,573.46	-	20.48	0.00	3,552.98
MW - 3	03/11/15	3,573.46	-	20.50	0.00	3,552.96
MW - 3	04/08/15	3,573.46	-	20.51	0.00	3,552.95
MW - 3	05/18/15	3,573.46	-	20.46	0.00	3,553.00
MW - 3	06/15/15	3,573.46	-	20.45	0.00	3,553.01
MW - 3	07/03/15	3,573.46	-	20.51	0.00	3,552.95
MW - 3	08/11/15	3,573.46	-	20.56	0.00	3,552.90
MW - 3	09/04/15	3,573.46	-	20.57	0.00	3,552.89
MW - 3	10/09/15	3,573.46	-	20.59	0.00	3,552.87
MW - 3	11/04/15	3,573.46	-	20.55	0.00	3,552.91
MW - 3	12/09/15	3,573.46	-	20.57	0.00	3,552.89
MW - 3	01/07/16	3,573.46	-	20.59	0.00	3,552.87
MW - 3	02/02/16	3,573.46	-	20.55	0.00	3,552.91
MW - 3	03/07/16	3,573.46	-	20.59	0.00	3,552.87
MW - 3	04/05/16	3,573.46	-	20.58	0.00	3,552.88
MW - 3	05/03/16	3,573.46	-	20.63	0.00	3,552.83
MW - 3	06/27/16	3,573.46	-	20.66	0.00	3,552.80
MW - 3	07/26/16	3,573.46	-	20.67	0.00	3,552.79
MW - 3	08/02/16	3,573.46	-	20.68	0.00	3,552.78
MW - 3	09/20/16	3,573.46	-	20.17	0.00	3,553.29
MW - 3	10/03/16	3,573.46	-	20.12	0.00	3,553.34
MW - 3	01/30/17	3,573.46	-	20.54	0.00	3,552.92
MW - 3	02/09/17	3,573.46	-	20.53	0.00	3,552.93
MW - 3	03/27/17	3,573.46	-	20.56	0.00	3,552.90
MW - 3	04/21/17	3,573.46	-	20.58	0.00	3,552.88
MW - 3	05/03/17	3,573.46	-	20.59	0.00	3,552.87

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	05/22/17	3,573.46	-	20.60	0.00	3,552.86
MW - 3	06/23/17	3,573.46	-	20.64	0.00	3,552.82
MW - 3	07/22/17	3,573.46	-	20.67	0.00	3,552.79
MW - 3	08/30/17	3,573.46	-	20.39	0.00	3,553.07
MW - 3	09/21/17	3,573.46	-	20.38	0.00	3,553.08
MW - 3	11/01/17	3,573.46	-	20.49	0.00	3,552.97
MW - 3	11/21/17	3,573.46	-	20.52	0.00	3,552.94
MW - 3	01/31/18	3,573.46	-	20.60	0.00	3,552.86
MW - 3	02/27/18	3,573.46	-	20.60	0.00	3,552.86
MW - 3	04/27/18	3,573.46	-	20.64	0.00	3,552.82
MW - 3	05/22/18	3,573.46	-	20.64	0.00	3,552.82
MW - 3	06/26/18	3,573.46	-	20.68	0.00	3,552.78
MW - 3	08/01/18	3,573.46	-	20.69	0.00	3,552.77
MW - 3	08/21/18	3,573.46	-	20.70	0.00	3,552.76
MW - 3	10/01/18	3,573.46	-	20.65	0.00	3,552.81
MW - 3	11/01/18	3,573.46	-	20.60	0.00	3,552.86
MW - 4	02/22/00	3,570.15	21.94	22.00	0.06	3,548.20
MW - 4	04/06/00	3,570.15	20.88	20.90	0.02	3,549.27
MW - 4	08/29/00	3,570.15	20.43	20.54	0.11	3,549.70
MW - 4	12/04/00	3,570.15	20.54	20.68	0.14	3,549.59
MW - 4	01/23/01	3,570.15	20.62	20.81	0.19	3,549.50
MW - 4	05/16/01	3,570.15	20.57	20.89	0.32	3,549.53
MW - 4	08/06/01	3,570.15	20.83	21.07	0.24	3,549.28
MW - 4	09/27/01	3,570.15	20.89	21.16	0.27	3,549.22
MW - 4	10/29/01	3,570.15	20.89	21.16	0.27	3,549.22
MW - 4	03/29/02	3,570.15	20.62	20.75	0.13	3,549.51
MW - 4	05/20/02	3,570.15	20.64	20.93	0.29	3,549.47
MW - 4	09/10/02	3,570.15	20.65	20.98	0.33	3,549.45
MW - 4	10/08/02	3,570.15	20.74	21.14	0.40	3,549.35
MW - 4	10/14/02	3,570.15	20.76	20.92	0.16	3,549.37
MW - 4	10/22/02	3,570.15	20.82	20.90	0.08	3,549.32
MW - 4	11/14/02	3,570.15	20.45	20.50	0.05	3,549.69
MW - 4	12/03/03	3,570.15	20.93	21.19	0.26	3,549.18
MW - 4	01/14/04	3,570.15	21.43	21.86	0.43	3,548.66
MW - 4	01/19/04	3,570.15	21.42	21.85	0.43	3,548.67
MW - 4	01/27/04	3,570.15	21.47	21.91	0.44	3,548.61
MW - 4	02/03/04	3,570.15	21.42	21.90	0.48	3,548.66
MW - 4	02/10/04	3,570.15	20.40	20.68	0.28	3,549.71
MW - 4	02/19/04	3,570.15	21.18	21.47	0.29	3,548.93
MW - 4	02/23/04	3,570.15	20.36	20.57	0.21	3,549.76
MW - 4	03/02/04	3,570.15	20.41	20.59	0.18	3,549.71
MW - 4	03/03/04	3,570.15	21.00	21.14	0.14	3,549.13
MW - 4	03/11/04	3,570.15	21.18	21.33	0.15	3,548.95
MW - 4	03/15/04	3,570.15	21.15	21.19	0.04	3,548.99
MW - 4	03/17/04	3,570.15	21.46	21.60	0.14	3,548.67
MW - 4	03/22/04	3,570.15	21.51	21.65	0.14	3,548.62
MW - 4	03/24/04	3,570.15	20.96	21.02	0.06	3,549.18
MW - 4	03/29/04	3,570.15	21.48	21.57	0.09	3,548.66
MW - 4	04/07/04	3,570.15	-	21.10	0.00	3,549.05
MW - 4	04/13/04	3,570.15	-	19.63	0.00	3,550.52

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	04/20/04	3,570.15	-	20.06	0.00	3,550.09
MW - 4	04/27/04	3,570.15	-	20.35	0.00	3,549.80
MW - 4	05/11/04	3,570.15	-	20.86	0.00	3,549.29
MW - 4	05/18/04	3,570.15	-	20.62	0.00	3,549.53
MW - 4	06/17/04	3,570.15	20.65	20.66	0.01	3,549.50
MW - 4	06/23/04	3,570.15	-	20.68	0.00	3,549.47
MW - 4	06/30/04	3,570.15	-	20.66	0.00	3,549.49
MW - 4	07/07/04	3,570.15	20.67	20.68	0.01	3,549.48
MW - 4	07/21/04	3,570.15	-	20.48	0.00	3,549.67
MW - 4	07/23/04	3,570.15	-	20.48	0.00	3,549.67
MW - 4	08/04/04	3,570.15	-	20.47	0.00	3,549.68
MW - 4	08/11/04	3,570.15	-	20.47	0.00	3,549.68
MW - 4	09/07/04	3,570.15	sheen	19.52	0.00	3,550.63
MW - 4	09/13/04	3,570.15	sheen	20.55	0.00	3,549.60
MW - 4	09/21/04	3,570.15	sheen	19.59	0.00	3,550.56
MW - 4	10/12/04	3,570.15	sheen	19.20	0.00	3,550.95
MW - 4	10/21/04	3,570.15	sheen	19.62	0.00	3,550.53
MW - 4	10/28/04	3,570.15	sheen	19.60	0.00	3,550.55
MW - 4	11/03/04	3,570.15	sheen	19.89	0.00	3,550.26
MW - 4	11/10/04	3,570.15	sheen	19.80	0.00	3,550.35
MW - 4	11/17/04	3,570.15	sheen	19.97	0.00	3,550.18
MW - 4	12/01/04	3,570.15	sheen	19.39	0.00	3,550.76
MW - 4	12/08/04	3,570.15	sheen	19.49	0.00	3,550.66
MW - 4	12/14/04	3,570.15	-	19.70	0.00	3,550.45
MW - 4	12/16/04	3,570.15	sheen	19.70	0.00	3,550.45
MW - 4	12/28/04	3,570.15	sheen	19.51	0.00	3,550.64
MW - 4	01/05/05	3,570.15	sheen	20.00	0.00	3,550.15
MW - 4	01/13/05	3,570.15	sheen	19.98	0.00	3,550.17
MW - 4	01/19/05	3,570.15	sheen	20.01	0.00	3,550.14
MW - 4	01/27/05	3,570.15	sheen	20.08	0.00	3,550.07
MW - 4	02/03/05	3,570.15	sheen	20.11	0.00	3,550.04
MW - 4	02/10/05	3,570.15	sheen	20.17	0.00	3,549.98
MW - 4	02/17/05	3,570.15	sheen	20.23	0.00	3,549.92
MW - 4	02/24/05	3,570.15	sheen	20.19	0.00	3,549.96
MW - 4	03/03/05	3,570.15	sheen	20.14	0.00	3,550.01
MW - 4	03/08/05	3,570.15	sheen	20.33	0.00	3,549.82
MW - 4	03/10/05	3,570.15	sheen	20.33	0.00	3,549.82
MW - 4	03/17/05	3,570.15	sheen	20.29	0.00	3,549.86
MW - 4	03/24/05	3,570.15	sheen	20.33	0.00	3,549.82
MW - 4	03/31/05	3,570.15	sheen	20.38	0.00	3,549.77
MW - 4	04/07/05	3,570.15	sheen	20.37	0.00	3,549.78
MW - 4	04/14/05	3,570.15	sheen	20.29	0.00	3,549.86
MW - 4	05/24/05	3,570.15	sheen	18.99	0.00	3,551.16
MW - 4	06/07/05	3,570.15	sheen	20.39	0.00	3,549.76
MW - 4	06/23/05	3,570.15	sheen	20.50	0.00	3,549.65
MW - 4	07/28/05	3,570.15	sheen	20.50	0.00	3,549.65
MW - 4	08/24/05	3,570.15	sheen	20.49	0.00	3,549.66
MW - 4	09/07/05	3,570.15	sheen	20.25	0.00	3,549.90
MW - 4	09/30/05	3,570.15	-	20.30	0.00	3,549.85
MW - 4	10/28/05	3,570.15	sheen	20.61	0.00	3,549.54
MW - 4	11/16/05	3,570.15	sheen	20.62	0.00	3,549.53

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	12/02/05	3,570.15	-	20.67	0.00	3,549.48
MW - 4	12/30/05	3,570.15	sheen	20.82	0.00	3,549.33
MW - 4	01/18/06	3,570.15	sheen	20.82	0.00	3,549.33
MW - 4	02/17/06	3,570.15	sheen	20.83	0.00	3,549.32
MW - 4	03/08/06	3,570.15	sheen	20.75	0.00	3,549.40
MW - 4	03/20/06	3,570.15	sheen	20.61	0.00	3,549.54
MW - 4	04/19/06	3,570.15	sheen	20.60	0.00	3,549.55
MW - 4	05/25/06	3,570.15	sheen	20.61	0.00	3,549.54
MW - 4	06/07/06	3,570.15	20.61	20.62	0.01	3,549.54
MW - 4	06/08/06	3,570.15	20.59	20.61	0.02	3,549.56
MW - 4	07/13/06	3,570.15	sheen	20.59	0.00	3,549.56
MW - 4	07/27/06	3,570.15	sheen	20.77	0.00	3,549.38
MW - 4	08/10/06	3,570.15	sheen	20.84	0.00	3,549.31
MW - 4	09/12/06	3,570.15	-	19.65	0.00	3,550.50
MW - 4	09/16/06	3,570.15	sheen	19.67	0.00	3,550.48
MW - 4	10/04/06	3,570.15	sheen	19.71	0.00	3,550.44
MW - 4	11/15/06	3,570.15	sheen	19.42	0.00	3,550.73
MW - 4	11/22/06	3,570.15	sheen	20.10	0.00	3,550.05
MW - 4	01/11/07	3,570.15	20.42	20.43	0.01	3,549.73
MW - 4	02/05/07	3,570.15	sheen	20.49	0.00	3,549.66
MW - 4	02/21/07	3,570.15	sheen	20.65	0.00	3,549.50
MW - 4	03/27/07	3,570.15	20.52	20.54	0.02	3,549.63
MW - 4	05/16/07	3,570.15	sheen	20.54	0.00	3,549.61
MW - 4	08/10/07	3,570.15	20.56	20.58	0.02	3,549.59
MW - 4	12/28/07	3,570.15	sheen	20.83	0.00	3,549.32
MW - 4	02/18/08	3,570.15	-	20.90	0.00	3,549.25
MW - 4	04/10/08	3,570.15	20.61	20.68	0.07	3,549.53
MW - 4	05/12/08	3,570.15	20.61	20.67	0.06	3,549.53
MW - 4	06/27/08	3,570.15	20.67	20.77	0.10	3,549.47
MW - 4	07/16/08	3,570.15	20.57	20.67	0.10	3,549.57
MW - 4	08/08/08	3,570.15	20.52	20.57	0.05	3,549.62
MW - 4	08/12/08	3,570.15	-	20.61	0.00	3,549.54
MW - 4	10/08/08	3,570.15	-	19.78	0.00	3,550.37
MW - 4	10/24/08	3,570.15	-	20.78	0.00	3,549.37
MW - 4	11/03/08	3,570.15	-	20.94	0.00	3,549.21
MW - 4	11/07/08	3,570.15	-	20.96	0.00	3,549.19
MW - 4	11/10/08	3,570.15	-	20.98	0.00	3,549.17
MW - 4	11/17/08	3,570.15	-	21.05	0.00	3,549.10
MW - 4	11/24/08	3,570.15	-	20.01	0.00	3,550.14
MW - 4	12/01/08	3,570.15	-	26.92	0.00	3,543.23
MW - 4	12/08/08	3,570.15	-	20.11	0.00	3,550.04
MW - 4	12/15/08	3,570.15	-	26.95	0.00	3,543.20
MW - 4	12/19/08	3,570.15	-	20.85	0.00	3,549.30
MW - 4	12/22/08	3,570.15	-	20.64	0.00	3,549.51
MW - 4	01/07/09	3,570.15	-	20.86	0.00	3,549.29
MW - 4	01/12/09	3,570.15	-	19.87	0.00	3,550.28
MW - 4	01/15/09	3,570.15	-	20.89	0.00	3,549.26
MW - 4	01/19/09	3,570.15	-	20.87	0.00	3,549.28
MW - 4	01/21/09	3,570.15	-	20.94	0.00	3,549.21
MW - 4	01/29/09	3,570.15	-	20.89	0.00	3,549.26
MW - 4	02/06/09	3,570.15	-	20.98	0.00	3,549.17

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	02/17/09	3,570.15	-	21.10	0.00	3,549.05
MW - 4	02/23/09	3,570.15	-	21.13	0.00	3,549.02
MW - 4	03/02/09	3,570.15	-	21.13	0.00	3,549.02
MW - 4	03/05/09	3,570.15	-	20.00	0.00	3,550.15
MW - 4	03/09/09	3,570.15	-	21.05	0.00	3,549.10
MW - 4	03/17/09	3,570.15	-	21.03	0.00	3,549.12
MW - 4	03/18/09	3,570.15	-	21.04	0.00	3,549.11
MW - 4	03/26/09	3,570.15	-	21.05	0.00	3,549.10
MW - 4	03/30/09	3,570.15	-	20.99	0.00	3,549.16
MW - 4	04/06/09	3,570.15	-	21.23	0.00	3,548.92
MW - 4	04/16/09	3,570.15	-	21.02	0.00	3,549.13
MW - 4	04/20/09	3,570.15	-	21.25	0.00	3,548.90
MW - 4	04/23/09	3,570.15	-	21.02	0.00	3,549.13
MW - 4	04/27/09	3,570.15	-	21.02	0.00	3,549.13
MW - 4	04/30/09	3,570.15	-	21.01	0.00	3,549.14
MW - 4	05/07/09	3,570.15	-	21.20	0.00	3,548.95
MW - 4	05/21/09	3,570.15	-	21.10	0.00	3,549.05
MW - 4	05/26/09	3,570.15	-	20.84	0.00	3,549.31
MW - 4	06/02/09	3,570.15	-	20.80	0.00	3,549.35
MW - 4	06/08/09	3,570.15	-	20.77	0.00	3,549.38
MW - 4	06/17/09	3,570.15	-	20.98	0.00	3,549.17
MW - 4	06/29/09	3,570.15	-	20.99	0.00	3,549.16
MW - 4	07/07/09	3,570.15	-	20.73	0.00	3,549.42
MW - 4	07/14/09	3,570.15	-	20.72	0.00	3,549.43
MW - 4	07/21/09	3,570.15	-	20.83	0.00	3,549.32
MW - 4	07/27/09	3,570.15	-	20.68	0.00	3,549.47
MW - 4	07/30/09	3,570.15	-	20.72	0.00	3,549.43
MW - 4	08/04/09	3,570.15	-	20.71	0.00	3,549.44
MW - 4	08/06/09	3,570.15	-	20.75	0.00	3,549.40
MW - 4	08/19/09	3,570.15	-	20.78	0.00	3,549.37
MW - 4	08/27/09	3,570.15	-	20.72	0.00	3,549.43
MW - 4	08/31/09	3,570.15	-	20.73	0.00	3,549.42
MW - 4	09/10/09	3,570.15	-	20.77	0.00	3,549.38
MW - 4	09/17/09	3,570.15	-	20.78	0.00	3,549.37
MW - 4	09/25/09	3,570.15	-	20.20	0.00	3,549.95
MW - 4	09/29/09	3,570.15	-	20.85	0.00	3,549.30
MW - 4	10/06/09	3,570.15	-	20.81	0.00	3,549.34
MW - 4	10/19/09	3,570.15	-	20.78	0.00	3,549.37
MW - 4	10/26/09	3,570.15	-	20.74	0.00	3,549.41
MW - 4	11/06/09	3,570.15	-	20.70	0.00	3,549.45
MW - 4	11/09/09	3,570.15	-	20.75	0.00	3,549.40
MW - 4	12/08/09	3,570.15	-	20.84	0.00	3,549.31
MW - 4	01/05/10	3,570.15	-	20.86	0.00	3,549.29
MW - 4	01/21/10	3,570.15	-	20.79	0.00	3,549.36
MW - 4	02/04/10	3,570.15	-	20.61	0.00	3,549.54
MW - 4	03/03/10	3,570.15	-	20.98	0.00	3,549.17
MW - 4	04/16/10	3,570.15	-	20.96	0.00	3,549.19
MW - 4	08/09/10	3,570.15	-	20.74	0.00	3,549.41
MW - 4	11/01/10	3,570.15	-	20.66	0.00	3,549.49
MW - 4	02/10/11	3,570.15	-	20.65	0.00	3,549.50
MW - 4	05/04/11	3,570.15	-	20.81	0.00	3,549.34

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	08/03/11	3,570.15	-	20.61	0.00	3,549.54
MW - 4	11/11/11	3,570.15	-	21.00	0.00	3,549.15
MW - 4	02/13/12	3,570.15	-	21.06	0.00	3,549.09
MW - 4	05/25/12	3,570.15	-	21.08	0.00	3,549.07
MW - 4	08/06/12	3,570.15	-	21.09	0.00	3,549.06
MW - 4	11/08/12	3,570.15	-	20.91	0.00	3,549.24
MW - 4	02/05/13	3,570.15	-	20.94	0.00	3,549.21
MW - 4	05/28/13	3,570.15	-	21.02	0.00	3,549.13
MW - 4	05/30/13	3,570.15	-	21.01	0.00	3,549.14
MW - 4	06/12/13	3,570.15	-	21.02	0.00	3,549.13
MW - 4	08/06/13	3,570.15	-	21.81	0.00	3,548.34
MW - 4	08/13/13	3,570.15	-	20.87	0.00	3,549.28
MW - 4	11/20/13	3,570.15	-	20.91	0.00	3,549.24
MW - 4	12/23/13	3,570.15	-	20.92	0.00	3,549.23
MW - 4	02/04/14	3,570.15	-	20.66	0.00	3,549.49
MW - 4	05/07/14	3,570.15	-	20.87	0.00	3,549.28
MW - 4	07/28/14	3,570.15	-	21.05	0.00	3,549.10
MW - 4	08/26/14	3,570.15	-	21.12	0.00	3,549.03
MW - 4	10/29/14	3,570.15	-	19.97	0.00	3,550.18
MW - 4	11/11/14	3,570.15	-	19.99	0.00	3,550.16
MW - 4	01/26/15	3,570.15	-	20.39	0.00	3,549.76
MW - 4	02/19/15	3,570.15	-	20.41	0.00	3,549.74
MW - 4	03/11/15	3,570.15	-	20.46	0.00	3,549.69
MW - 4	04/08/15	3,570.15	-	20.48	0.00	3,549.67
MW - 4	05/18/15	3,570.15	-	20.38	0.00	3,549.77
MW - 4	06/15/15	3,570.15	-	20.37	0.00	3,549.78
MW - 4	07/03/15	3,570.15	-	20.46	0.00	3,549.69
MW - 4	08/11/15	3,570.15	-	20.56	0.00	3,549.59
MW - 4	09/04/15	3,570.15	-	20.61	0.00	3,549.54
MW - 4	10/09/15	3,570.15	-	21.17	0.00	3,548.98
MW - 4	11/04/15	3,570.15	-	21.14	0.00	3,549.01
MW - 4	12/09/15	3,570.15	-	21.22	0.00	3,548.93
MW - 4	01/07/16	3,570.15	-	21.12	0.00	3,549.03
MW - 4	02/02/16	3,570.15	-	20.93	0.00	3,549.22
MW - 4	03/07/16	3,570.15	-	21.08	0.00	3,549.07
MW - 4	04/05/16	3,570.15	-	21.10	0.00	3,549.05
MW - 4	05/03/16	3,570.15	-	20.81	0.00	3,549.34
MW - 4	06/06/16	3,570.15	-	20.87	0.00	3,549.28
MW - 4	06/27/16	3,570.15	-	20.83	0.00	3,549.32
MW - 4	07/26/16	3,570.15	-	20.85	0.00	3,549.30
MW - 4	08/02/16	3,570.15	-	20.77	0.00	3,549.38
MW - 4	08/29/16	3,570.15	-	20.65	0.00	3,549.50
MW - 4	09/20/16	3,570.15	-	20.11	0.00	3,550.04
MW - 4	10/03/16	3,570.15	-	20.18	0.00	3,549.97
MW - 4	10/25/16	3,570.15	-	20.29	0.00	3,549.86
MW - 4	12/02/16	3,570.15	-	20.49	0.00	3,549.66
MW - 4	12/26/16	3,570.15	-	20.58	0.00	3,549.57
MW - 4	01/30/17	3,570.15	-	20.60	0.00	3,549.55
MW - 4	02/09/17	3,570.15	-	20.57	0.00	3,549.58
MW - 4	03/02/17	3,570.15	-	20.86	0.00	3,549.29
MW - 4	03/27/17	3,570.15	-	20.85	0.00	3,549.30

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	04/21/17	3,570.15	-	20.79	0.00	3,549.36
MW - 4	05/03/17	3,570.15	-	21.13	0.00	3,549.02
MW - 4	05/22/17	3,570.15	-	21.14	0.00	3,549.01
MW - 4	06/23/17	3,570.15	-	21.06	0.00	3,549.09
MW - 4	07/22/17	3,570.15	-	21.18	0.00	3,548.97
MW - 4	08/30/17	3,570.15	-	20.85	0.00	3,549.30
MW - 4	09/21/17	3,570.15	-	20.99	0.00	3,549.16
MW - 4	11/01/17	3,570.15	-	20.89	0.00	3,549.26
MW - 4	11/21/17	3,570.15	-	20.96	0.00	3,549.19
MW - 4	01/31/18	3,570.15	-	20.73	0.00	3,549.42
MW - 4	02/27/18	3,570.15	-	20.63	0.00	3,549.52
MW - 4	04/27/18	3,570.15	-	20.64	0.00	3,549.51
MW - 4	05/22/18	3,570.15	-	20.69	0.00	3,549.46
MW - 4	06/26/18	3,570.15	-	21.10	0.00	3,549.05
MW - 4	08/01/18	3,570.15	-	21.42	0.00	3,548.73
MW - 4	08/21/18	3,570.15	-	21.57	0.00	3,548.58
MW - 4	10/01/18	3,570.15	-	21.09	0.00	3,549.06
MW - 4	11/01/18	3,570.15	-	21.34	0.00	3,548.81
MW - 5	02/22/00	3,562.92	-	19.81	0.00	3,543.11
MW - 5	02/23/00	3,562.92	-	19.80	0.00	3,543.12
MW - 5	04/06/00	3,572.92	-	19.74	0.00	3,553.18
MW - 5	08/29/00	3,572.92	-	19.33	0.00	3,553.59
MW - 5	12/04/00	3,572.92	-	19.46	0.00	3,553.46
MW - 5	01/23/01	3,572.92	-	19.52	0.00	3,553.40
MW - 5	05/16/01	3,572.92	-	19.55	0.00	3,553.37
MW - 5	08/06/01	3,572.92	-	19.80	0.00	3,553.12
MW - 5	09/27/01	3,572.92	-	19.86	0.00	3,553.06
MW - 5	10/29/01	3,572.92	-	19.86	0.00	3,553.06
MW - 5	03/29/02	3,572.92	-	19.19	0.00	3,553.73
MW - 5	05/20/02	3,572.92	-	19.65	0.00	3,553.27
MW - 5	09/10/02	3,572.92	-	19.72	0.00	3,553.20
MW - 5	11/14/02	3,572.92	-	19.55	0.00	3,553.37
MW - 5	12/03/03	3,572.92	-	20.09	0.00	3,552.83
MW - 5	05/18/04	3,572.92	-	18.90	0.00	3,554.02
MW - 5	09/07/04	3,572.92	-	19.34	0.00	3,553.58
MW - 5	12/14/04	3,572.92	-	15.53	0.00	3,557.39
MW - 5	03/08/05	3,572.92	-	18.68	0.00	3,554.24
MW - 5	06/07/05	3,572.92	-	19.12	0.00	3,553.80
MW - 5	09/07/05	3,572.92	-	18.55	0.00	3,554.37
MW - 5	12/02/05	3,572.92	-	19.24	0.00	3,553.68
MW - 5	03/08/06	3,572.92	-	19.32	0.00	3,553.60
MW - 5	06/07/06	3,572.92	-	19.39	0.00	3,553.53
MW - 5	09/12/06	3,572.92	-	15.41	0.00	3,557.51
MW - 5	11/22/06	3,572.92	-	18.49	0.00	3,554.43
MW - 5	02/21/07	3,572.92	-	19.16	0.00	3,553.76
MW - 5	05/16/07	3,572.92	-	19.07	0.00	3,553.85
MW - 5	08/10/07	3,572.92	-	19.27	0.00	3,553.65
MW - 5	12/28/07	3,572.92	-	19.35	0.00	3,553.57
MW - 5	02/18/08	3,572.92	-	19.35	0.00	3,553.57
MW - 5	05/08/08	3,572.92	-	19.38	0.00	3,553.54

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	08/08/08	3,572.92	-	19.46	0.00	3,553.46
MW - 5	11/07/08	3,572.92	-	19.55	0.00	3,553.37
MW - 5	02/06/09	3,572.92	-	19.66	0.00	3,553.26
MW - 5	05/07/09	3,572.92	-	19.52	0.00	3,553.40
MW - 5	08/04/09	3,572.92	-	19.37	0.00	3,553.55
MW - 5	11/09/09	3,572.92	-	19.40	0.00	3,553.52
MW - 5	01/05/10	3,572.92	-	19.46	0.00	3,553.46
MW - 5	02/04/10	3,572.92	-	19.46	0.00	3,553.46
MW - 5	08/09/10	3,572.92	-	19.41	0.00	3,553.51
MW - 5	11/01/10	3,572.92	-	19.21	0.00	3,553.71
MW - 5	02/10/11	3,572.92	-	19.23	0.00	3,553.69
MW - 5	05/04/11	3,572.92	-	19.38	0.00	3,553.54
MW - 5	08/03/11	3,572.92	-	19.21	0.00	3,553.71
MW - 5	11/11/11	3,572.92	-	19.53	0.00	3,553.39
MW - 5	02/13/12	3,572.92	-	19.51	0.00	3,553.41
MW - 5	05/25/12	3,572.92	-	19.53	0.00	3,553.39
MW - 5	08/06/12	3,572.92	-	19.55	0.00	3,553.37
MW - 5	11/08/12	3,572.92	-	19.50	0.00	3,553.42
MW - 5	02/05/13	3,572.92	-	19.53	0.00	3,553.39
MW - 5	05/28/13	3,572.92	-	19.61	0.00	3,553.31
MW - 5	08/13/13	3,572.92	-	19.48	0.00	3,553.44
MW - 5	11/20/13	3,572.92	-	19.42	0.00	3,553.50
MW - 5	02/04/14	3,572.92	-	19.45	0.00	3,553.47
MW - 5	05/07/14	3,572.92	-	19.51	0.00	3,553.41
MW - 5	07/28/14	3,572.92	-	19.83	0.00	3,553.09
MW - 5	08/26/14	3,572.92	-	19.93	0.00	3,552.99
MW - 5	10/29/14	3,572.92	-	17.59	0.00	3,555.33
MW - 5	11/11/14	3,572.92	-	18.06	0.00	3,554.86
MW - 5	01/26/15	3,572.92	-	19.12	0.00	3,553.80
MW - 5	02/19/15	3,572.92	-	19.17	0.00	3,553.75
MW - 5	03/11/15	3,572.92	-	19.21	0.00	3,553.71
MW - 5	04/08/15	3,572.92	-	19.22	0.00	3,553.70
MW - 5	05/18/15	3,572.92	-	19.09	0.00	3,553.83
MW - 5	06/15/15	3,572.92	-	19.12	0.00	3,553.80
MW - 5	07/03/15	3,572.92	-	19.22	0.00	3,553.70
MW - 5	08/11/15	3,572.92	-	19.32	0.00	3,553.60
MW - 5	09/04/15	3,572.92	-	19.34	0.00	3,553.58
MW - 5	10/09/15	3,572.92	-	19.37	0.00	3,553.55
MW - 5	11/04/15	3,572.92	-	19.32	0.00	3,553.60
MW - 5	12/09/15	3,572.92	-	19.34	0.00	3,553.58
MW - 5	01/07/16	3,572.92	-	19.36	0.00	3,553.56
MW - 5	02/02/16	3,572.92	-	19.35	0.00	3,553.57
MW - 5	03/07/16	3,572.92	-	19.35	0.00	3,553.57
MW - 5	04/05/16	3,572.92	-	19.38	0.00	3,553.54
MW - 5	05/03/16	3,572.92	-	19.40	0.00	3,553.52
MW - 5	06/27/16	3,572.92	-	19.48	0.00	3,553.44
MW - 5	07/26/16	3,572.92	-	19.50	0.00	3,553.42
MW - 5	08/02/16	3,572.92	-	19.52	0.00	3,553.40
MW - 5	09/20/16	3,572.92	-	18.54	0.00	3,554.38
MW - 5	10/03/16	3,572.92	-	18.61	0.00	3,554.31
MW - 5	01/30/17	3,572.92	-	19.28	0.00	3,553.64

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	02/09/17	3,572.92	-	19.30	0.00	3,553.62
MW - 5	03/27/17	3,572.92	-	19.35	0.00	3,553.57
MW - 5	04/21/17	3,572.92	-	19.38	0.00	3,553.54
MW - 5	05/03/17	3,572.92	-	19.39	0.00	3,553.53
MW - 5	05/22/17	3,572.92	-	19.41	0.00	3,553.51
MW - 5	06/23/17	3,572.92	-	19.47	0.00	3,553.45
MW - 5	07/22/17	3,572.92	-	19.50	0.00	3,553.42
MW - 5	08/30/17	3,572.92	-	19.00	0.00	3,553.92
MW - 5	09/21/17	3,572.92	-	19.07	0.00	3,553.85
MW - 5	11/01/17	3,572.92	-	19.21	0.00	3,553.71
MW - 5	11/21/17	3,572.92	-	19.29	0.00	3,553.63
MW - 5	01/31/18	3,572.92	-	19.41	0.00	3,553.51
MW - 5	02/27/18	3,572.92	-	19.40	0.00	3,553.52
MW - 5	04/27/18	3,572.92	-	19.43	0.00	3,553.49
MW - 5	05/22/18	3,572.92	-	19.47	0.00	3,553.45
MW - 5	06/26/18	3,572.92	-	19.51	0.00	3,553.41
MW - 5	08/01/18	3,572.92	-	19.54	0.00	3,553.38
MW - 5	08/21/18	3,572.92	-	19.55	0.00	3,553.37
MW - 5	10/01/18	3,572.92	-	19.49	0.00	3,553.43
MW - 5	11/01/18	3,572.92	-	19.42	0.00	3,553.50
MW - 6	09/18/01	3,572.11	-	19.90	0.00	3,552.21
MW - 6	09/27/01	3,572.11	-	19.86	0.00	3,552.25
MW - 6	10/29/01	3,572.11	-	19.86	0.00	3,552.25
MW - 6	03/29/02	3,572.11	-	19.62	0.00	3,552.49
MW - 6	05/20/02	3,572.11	-	19.56	0.00	3,552.55
MW - 6	09/10/02	3,572.11	-	19.68	0.00	3,552.43
MW - 6	11/14/02	3,572.11	-	19.52	0.00	3,552.59
MW - 6	12/03/03	3,572.11	-	20.06	0.00	3,552.05
MW - 6	05/18/04	3,572.11	-	18.25	0.00	3,553.86
MW - 6	09/07/04	3,572.11	-	18.85	0.00	3,553.26
MW - 6	12/14/04	3,572.11	-	17.65	0.00	3,554.46
MW - 6	03/08/05	3,572.11	-	18.11	0.00	3,554.00
MW - 6	06/07/05	3,572.11	-	18.28	0.00	3,553.83
MW - 6	09/07/05	3,572.11	-	18.01	0.00	3,554.10
MW - 6	12/02/05	3,572.11	-	18.44	0.00	3,553.67
MW - 6	03/08/06	3,572.11	-	18.53	0.00	3,553.58
MW - 6	06/07/06	3,572.11	-	18.66	0.00	3,553.45
MW - 6	09/12/06	3,572.11	-	17.39	0.00	3,554.72
MW - 6	11/22/06	3,572.11	-	18.07	0.00	3,554.04
MW - 6	02/21/07	3,572.11	-	18.36	0.00	3,553.75
MW - 6	05/16/07	3,572.11	-	18.37	0.00	3,553.74
MW - 6	08/10/07	3,572.11	-	18.51	0.00	3,553.60
MW - 6	12/28/07	3,572.11	-	19.57	0.00	3,552.54
MW - 6	02/18/08	3,572.11	-	18.58	0.00	3,553.53
MW - 6	05/08/08	3,572.11	-	18.64	0.00	3,553.47
MW - 6	08/08/08	3,572.11	-	18.88	0.00	3,553.23
MW - 6	11/07/08	3,572.11	-	19.35	0.00	3,552.76
MW - 6	02/06/09	3,572.11	-	19.55	0.00	3,552.56
MW - 6	05/07/09	3,572.11	-	18.94	0.00	3,553.17
MW - 6	08/04/09	3,572.11	-	18.56	0.00	3,553.55

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	11/09/09	3,572.11	-	18.64	0.00	3,553.47
MW - 6	01/05/10	3,572.11	-	18.74	0.00	3,553.37
MW - 6	02/04/10	3,572.11	-	18.74	0.00	3,553.37
MW - 6	08/09/10	3,572.11	-	18.64	0.00	3,553.47
MW - 6	11/01/10	3,572.11	-	18.39	0.00	3,553.72
MW - 6	02/10/11	3,572.11	-	18.41	0.00	3,553.70
MW - 6	03/21/11	WELL PLUGGED & ABANDONED				
MW - 7	09/18/01	3,569.75	-	23.35	0.00	3,546.40
MW - 7	09/27/01	3,569.75	-	23.35	0.00	3,546.40
MW - 7	10/29/01	3,569.75	-	23.35	0.00	3,546.40
MW - 7	03/29/02	3,569.75	-	19.82	0.00	3,549.93
MW - 7	04/16/02	3,569.75	-	22.28	0.00	3,547.47
MW - 7	05/13/02	3,569.75	-	22.90	0.00	3,546.85
MW - 7	05/20/02	3,569.75	-	22.95	0.00	3,546.80
MW - 7	09/10/02	3,569.75	-	23.00	0.00	3,546.75
MW - 7	11/14/02	3,569.75	-	21.19	0.00	3,548.56
MW - 7	12/03/03	3,569.75	-	23.54	0.00	3,546.21
MW - 7	05/18/04	3,569.75	-	21.38	0.00	3,548.37
MW - 7	09/07/04	3,569.75	-	22.35	0.00	3,547.40
MW - 7	12/14/04	3,569.75	-	18.25	0.00	3,551.50
MW - 7	03/08/05	3,569.75	-	21.48	0.00	3,548.27
MW - 7	06/07/05	3,569.75	-	22.27	0.00	3,547.48
MW - 7	09/07/05	3,569.75	-	21.21	0.00	3,548.54
MW - 7	12/02/05	3,569.75	-	22.64	0.00	3,547.11
MW - 7	03/08/06	3,569.75	-	22.99	0.00	3,546.76
MW - 7	06/07/06	3,569.75	-	23.06	0.00	3,546.69
MW - 7	09/12/06	3,569.75	-	15.57	0.00	3,554.18
MW - 7	11/22/06	3,569.75	-	20.81	0.00	3,548.94
MW - 7	02/21/07	3,569.75	-	22.41	0.00	3,547.34
MW - 7	05/16/07	3,569.75	-	22.60	0.00	3,547.15
MW - 7	08/10/07	3,569.75	-	22.84	0.00	3,546.91
MW - 7	12/28/07	3,569.75	-	23.05	0.00	3,546.70
MW - 7	02/18/08	3,569.75	-	23.12	0.00	3,546.63
MW - 7	05/08/08	3,569.75	-	23.16	0.00	3,546.59
MW - 7	08/08/08	3,569.75	-	23.19	0.00	3,546.56
MW - 7	11/07/08	3,569.75	-	23.15	0.00	3,546.60
MW - 7	02/06/09	3,569.75	-	23.31	0.00	3,546.44
MW - 7	05/07/09	3,569.75	-	23.34	0.00	3,546.41
MW - 7	08/04/09	3,569.75	-	23.01	0.00	3,546.74
MW - 7	11/09/09	3,569.75	-	23.13	0.00	3,546.62
MW - 7	01/05/10	3,569.75	-	23.22	0.00	3,546.53
MW - 7	02/04/10	3,569.75	-	23.22	0.00	3,546.53
MW - 7	08/09/10	3,569.75	-	23.12	0.00	3,546.63
MW - 7	11/01/10	3,569.75	-	22.31	0.00	3,547.44
MW - 7	02/10/11	3,569.75	-	22.31	0.00	3,547.44
MW - 7	05/04/11	3,569.75	-	23.13	0.00	3,546.62
MW - 7	08/03/11	3,569.75	-	22.31	0.00	3,547.44
MW - 7	11/11/11	3,569.75	-	23.28	0.00	3,546.47
MW - 7	02/13/12	3,569.75	-	23.30	0.00	3,546.45
MW - 7	05/25/12	3,569.75	-	23.29	0.00	3,546.46

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	08/06/12	3,569.75	-	23.34	0.00	3,546.41
MW - 7	11/08/12	3,569.75	-	23.23	0.00	3,546.52
MW - 7	02/05/13	3,569.75	-	23.29	0.00	3,546.46
MW - 7	05/28/13	3,569.75	-	23.35	0.00	3,546.40
MW - 7	08/13/13	3,569.75	-	23.05	0.00	3,546.70
MW - 7	11/20/13	3,569.75	-	23.10	0.00	3,546.65
MW - 7	02/04/14	3,569.75	-	23.20	0.00	3,546.55
MW - 7	05/07/14	3,569.75	-	23.25	0.00	3,546.50
MW - 7	07/28/14	3,569.75	-	23.45	0.00	3,546.30
MW - 7	08/26/14	3,569.75	-	23.50	0.00	3,546.25
MW - 7	10/29/14	3,569.75	-	20.04	0.00	3,549.71
MW - 7	11/11/14	3,569.75	-	20.38	0.00	3,549.37
MW - 7	01/26/15	3,569.75	-	21.97	0.00	3,547.78
MW - 7	02/19/15	3,569.75	-	22.20	0.00	3,547.55
MW - 7	03/11/15	3,569.75	-	22.40	0.00	3,547.35
MW - 7	04/08/15	3,569.75	-	22.62	0.00	3,547.13
MW - 7	05/18/15	3,569.75	-	22.63	0.00	3,547.12
MW - 7	06/15/15	3,569.75	-	22.33	0.00	3,547.42
MW - 7	07/03/15	3,569.75	-	22.53	0.00	3,547.22
MW - 7	08/11/15	3,569.75	-	22.80	0.00	3,546.95
MW - 7	09/04/15	3,569.75	-	22.88	0.00	3,546.87
MW - 7	10/09/15	3,569.75	-	22.92	0.00	3,546.83
MW - 7	11/04/15	3,569.75	-	22.96	0.00	3,546.79
MW - 7	12/09/15	3,569.75	-	23.00	0.00	3,546.75
MW - 7	01/07/16	3,569.75	-	23.05	0.00	3,546.70
MW - 7	02/02/16	3,569.75	-	23.06	0.00	3,546.69
MW - 7	03/07/16	3,569.75	-	23.07	0.00	3,546.68
MW - 7	04/05/16	3,569.75	-	23.10	0.00	3,546.65
MW - 7	05/03/16	3,569.75	-	23.12	0.00	3,546.63
MW - 7	06/27/16	3,569.75	-	23.17	0.00	3,546.58
MW - 7	07/26/16	3,569.75	-	23.21	0.00	3,546.54
MW - 7	08/02/16	3,569.75	-	23.09	0.00	3,546.66
MW - 7	09/20/16	3,569.75	-	21.92	0.00	3,547.83
MW - 7	10/03/16	3,569.75	-	21.36	0.00	3,548.39
MW - 7	01/30/17	3,569.75	-	22.84	0.00	3,546.91
MW - 7	02/09/17	3,569.75	-	22.89	0.00	3,546.86
MW - 7	03/27/17	3,569.75	-	23.03	0.00	3,546.72
MW - 7	04/21/17	3,569.75	-	23.08	0.00	3,546.67
MW - 7	05/03/17	3,569.75	-	23.09	0.00	3,546.66
MW - 7	05/22/17	3,569.75	-	23.10	0.00	3,546.65
MW - 7	06/23/17	3,569.75	-	23.15	0.00	3,546.60
MW - 7	07/22/17	3,569.75	-	23.20	0.00	3,546.55
MW - 7	08/30/17	3,569.75	-	22.68	0.00	3,547.07
MW - 7	09/21/17	3,569.75	-	22.30	0.00	3,547.45
MW - 7	11/01/17	3,569.75	-	22.61	0.00	3,547.14
MW - 7	11/21/17	3,569.75	-	22.79	0.00	3,546.96
MW - 7	01/31/18	3,569.75	-	23.12	0.00	3,546.63
MW - 7	02/27/18	3,569.75	-	23.16	0.00	3,546.59
MW - 7	04/27/18	3,569.75	-	23.18	0.00	3,546.57
MW - 7	05/22/18	3,569.75	-	23.19	0.00	3,546.56
MW - 7	06/26/18	3,569.75	-	23.24	0.00	3,546.51

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	08/01/18	3,569.75	-	23.28	0.00	3,546.47
MW - 7	08/21/18	3,569.75	-	23.29	0.00	3,546.46
MW - 7	10/01/18	3,569.75	-	23.27	0.00	3,546.48
MW - 7	11/01/18	3,569.75	-	23.21	0.00	3,546.54
MW - 8	10/07/05	3,573.59	-	20.75	0.00	3,552.84
MW - 8	12/02/05	3,573.59	-	20.90	0.00	3,552.69
MW - 8	03/08/06	3,573.59	-	20.95	0.00	3,552.64
MW - 8	06/07/06	3,573.59	-	21.06	0.00	3,552.53
MW - 8	09/12/06	3,573.59	-	15.85	0.00	3,557.74
MW - 8	11/22/06	3,573.59	-	20.53	0.00	3,553.06
MW - 8	02/21/07	3,573.59	-	20.93	0.00	3,552.66
MW - 8	05/16/07	3,573.59	-	21.96	0.00	3,551.63
MW - 8	08/10/07	3,573.59	-	21.01	0.00	3,552.58
MW - 8	12/28/07	3,573.59	-	21.04	0.00	3,552.55
MW - 8	02/18/08	3,573.59	-	21.06	0.00	3,552.53
MW - 8	05/08/08	3,573.59	-	21.08	0.00	3,552.51
MW - 8	08/08/08	3,573.59	-	21.19	0.00	3,552.40
MW - 8	11/07/08	3,573.59	-	21.11	0.00	3,552.48
MW - 8	02/06/09	3,573.59	-	21.19	0.00	3,552.40
MW - 8	05/07/09	3,573.59	-	21.14	0.00	3,552.45
MW - 8	08/04/09	3,573.59	-	21.08	0.00	3,552.51
MW - 8	11/09/09	3,573.59	-	21.10	0.00	3,552.49
MW - 8	01/05/10	3,573.59	-	21.14	0.00	3,552.45
MW - 8	02/04/10	3,573.59	-	21.13	0.00	3,552.46
MW - 8	08/09/10	3,573.59	-	21.12	0.00	3,552.47
MW - 8	11/01/10	3,573.59	-	20.97	0.00	3,552.62
MW - 8	02/10/11	3,573.59	-	20.97	0.00	3,552.62
MW - 8	05/04/11	3,573.59	-	21.08	0.00	3,552.51
MW - 8	08/03/11	3,573.59	-	20.95	0.00	3,552.64
MW - 8	11/11/11	3,573.59	-	21.26	0.00	3,552.33
MW - 8	02/13/12	3,573.59	-	21.18	0.00	3,552.41
MW - 8	05/25/12	3,573.59	-	21.23	0.00	3,552.36
MW - 8	08/06/12	3,573.59	-	21.21	0.00	3,552.38
MW - 8	11/08/12	3,573.59	-	21.14	0.00	3,552.45
MW - 8	02/05/13	3,573.59	-	21.21	0.00	3,552.38
MW - 8	05/28/13	3,573.59	-	21.30	0.00	3,552.29
MW - 8	08/13/13	3,573.59	-	21.11	0.00	3,552.48
MW - 8	11/20/13	3,573.59	-	21.07	0.00	3,552.52
MW - 8	02/04/14	3,573.59	-	21.12	0.00	3,552.47
MW - 8	05/07/14	3,573.59	-	21.16	0.00	3,552.43
MW - 8	07/28/14	3,573.59	-	21.75	0.00	3,551.84
MW - 8	08/26/14	3,573.59	-	21.88	0.00	3,551.71
MW - 8	10/29/14	3,573.59	-	18.66	0.00	3,554.93
MW - 8	11/11/14	3,573.59	-	19.59	0.00	3,554.00
MW - 8	01/26/15	3,573.59	-	20.91	0.00	3,552.68
MW - 8	02/19/15	3,573.59	-	20.92	0.00	3,552.67
MW - 8	03/11/15	3,573.59	-	20.93	0.00	3,552.66
MW - 8	04/08/15	3,573.59	-	20.93	0.00	3,552.66
MW - 8	05/18/15	3,573.59	-	20.84	0.00	3,552.75
MW - 8	06/15/15	3,573.59	-	20.90	0.00	3,552.69

TABLE 1

COMPREHENSIVE GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD REFERENCE NUMBER 1R-0103

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 8	07/03/15	3,573.59	-	20.95	0.00	3,552.64
MW - 8	08/11/15	3,573.59	-	21.00	0.00	3,552.59
MW - 8	09/04/15	3,573.59	-	21.02	0.00	3,552.57
MW - 8	10/09/15	3,573.59	-	21.02	0.00	3,552.57
MW - 8	11/04/15	3,573.59	-	20.98	0.00	3,552.61
MW - 8	12/09/15	3,573.59	-	21.02	0.00	3,552.57
MW - 8	01/07/16	3,573.59	-	21.02	0.00	3,552.57
MW - 8	02/02/16	3,573.59	-	21.01	0.00	3,552.58
MW - 8	03/07/16	3,573.59	-	21.02	0.00	3,552.57
MW - 8	04/05/16	3,573.59	-	21.03	0.00	3,552.56
MW - 8	05/03/16	3,573.59	-	21.07	0.00	3,552.52
MW - 8	06/27/16	3,573.59	-	21.12	0.00	3,552.47
MW - 8	07/26/16	3,573.59	-	21.16	0.00	3,552.43
MW - 8	08/02/16	3,573.59	-	21.16	0.00	3,552.43
MW - 8	09/20/16	3,573.59	-	20.46	0.00	3,553.13
MW - 8	10/03/16	3,573.59	-	20.65	0.00	3,552.94
MW - 8	01/30/17	3,573.59	-	20.99	0.00	3,552.60
MW - 8	02/09/17	3,573.59	-	21.00	0.00	3,552.59
MW - 8	03/27/17	3,573.59	-	21.03	0.00	3,552.56
MW - 8	04/21/17	3,573.59	-	21.02	0.00	3,552.57
MW - 8	05/03/17	3,573.59	-	21.05	0.00	3,552.54
MW - 8	05/22/17	3,573.59	-	21.06	0.00	3,552.53
MW - 8	06/23/17	3,573.59	-	21.13	0.00	3,552.46
MW - 8	07/22/17	3,573.59	-	21.16	0.00	3,552.43
MW - 8	08/30/17	3,573.59	-	20.84	0.00	3,552.75
MW - 8	09/21/17	3,573.59	-	20.90	0.00	3,552.69
MW - 8	11/01/17	3,573.59	-	20.96	0.00	3,552.63
MW - 8	11/21/17	3,573.59	-	20.98	0.00	3,552.61
MW - 8	01/31/18	3,573.59	-	21.06	0.00	3,552.53
MW - 8	02/27/18	3,573.59	-	21.06	0.00	3,552.53
MW - 8	04/27/18	3,573.59	-	21.07	0.00	3,552.52
MW - 8	05/22/18	3,573.59	-	21.11	0.00	3,552.48
MW - 8	06/26/18	3,573.59	-	21.18	0.00	3,552.41
MW - 8	08/01/18	3,573.59	-	21.20	0.00	3,552.39
MW - 8	08/21/18	3,573.59	-	21.20	0.00	3,552.39
MW - 8	10/01/18	3,573.59	-	21.12	0.00	3,552.47
MW - 8	11/01/18	3,573.59	-	21.04	0.00	3,552.55

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 1	02/23/00	0.120	0.020	0.011	0.112	
MW - 1	04/06/00	0.355	0.024	0.022	0.357	
MW - 1	08/29/00	Not Sampled due to presence of PSH				
MW - 1	12/04/00	Not Sampled due to presence of PSH				
MW - 1	01/23/01	Not Sampled due to presence of PSH				
MW - 1	05/16/01	Not Sampled due to presence of PSH				
MW - 1	08/06/01	Not Sampled due to presence of PSH				
MW - 1	10/29/01	Not Sampled due to presence of PSH				
MW - 1	03/29/02	Not Sampled due to presence of PSH				
MW - 1	05/20/02	Not Sampled due to presence of PSH				
MW - 1	09/10/02	Not Sampled due to presence of PSH				
MW - 1	11/14/02	Not Sampled due to presence of PSH				
MW - 1	Grazing lessee denied access to Site during 1st, 2nd, and 3rd quarters of 2003					
MW - 1	12/03/03	Not Sampled due to presence of PSH				
MW - 1	03/03/04	Not Sampled due to presence of PSH				
MW - 1	05/18/04	1.740	0.031	0.218	1.575	
MW - 1	09/07/04	1.160	0.011	0.189	1.545	
MW - 1	12/14/04	0.309	<0.0500	0.116	0.572	
MW - 1	03/08/05	0.190	0.0198	0.173	0.556	
MW - 1	06/07/05	0.554	<0.200	<0.200	0.572	
MW - 1	09/07/05	0.639	<0.0100	0.204	0.985	
MW - 1	12/02/05	0.299	<0.100	<0.100	<0.100	
MW - 1	03/08/06	0.247	<0.0200	0.0436	0.154	
MW - 1	06/07/06	0.198	<0.00500	0.0324	0.117	
MW - 1	09/12/06	0.303	<0.200	<0.200	0.498	
MW - 1	11/22/06	0.407	<0.00100	0.232	0.949	
MW - 1	02/21/07	0.283	<0.0500	0.140	0.348	
MW - 1	05/16/07	0.213	<0.0200	0.118	0.356	
MW - 1	08/10/07	0.0109	<0.00100	0.00380	0.00990	
MW - 1	12/28/07	0.139	<0.00500	0.0596	0.0882	
MW - 1	02/18/08	0.117	<0.00100	0.0303	0.0642	
MW - 1	05/12/08	0.102	<0.00100	0.00540	0.00790	
MW - 1	08/08/08	0.105	<0.00100	0.0310	0.0326	
MW - 1	11/07/08	0.0375	<0.00100	0.00600	0.00490	
MW - 1	02/06/09	0.0110	<0.00100	<0.00100	<0.00100	
MW - 1	05/07/09	0.0148	<0.00100	<0.00100	0.00700	
MW - 1	08/04/09	0.0197	<0.00100	<0.00100	<0.00100	
MW - 1	11/09/09	0.00600	<0.00100	<0.00100	<0.00100	
MW - 1	02/04/10	0.0311	<0.00100	<0.00100	<0.00100	
MW - 1	05/01/10	Not Sampled during 2nd Quarter 2010				
MW - 1	08/09/10	0.117	<0.00100	0.00390	<0.00100	

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 1	11/01/10	0.0822	<0.00100	<0.00100	<0.00100	
MW - 1	02/10/11	0.0242	<0.00100	<0.00100	<0.00100	
MW - 1	05/04/11	0.0275	<0.00100	<0.00100	<0.00100	
MW - 1	08/03/11	0.0880	<0.00100	<0.00100	<0.00100	
MW - 1	11/11/11	0.0388	<0.00100	<0.00100	<0.00100	
MW - 1	02/13/12	0.0257	<0.00100	<0.00100	<0.00100	
MW - 1	05/25/12	0.0913	<0.00100	<0.00100	<0.00100	
MW - 1	08/06/12	0.153	<0.00500	<0.00500	<0.00500	
MW - 1	11/08/12	0.00650	<0.00100	<0.00100	<0.00100	
MW - 1	02/05/13	0.0133	<0.00100	<0.00100	<0.00100	
MW - 1	05/28/13	0.0189	<0.00100	<0.00100	<0.00100	
MW - 1	08/13/13	0.00730	<0.00100	<0.00100	<0.00100	
MW - 1	11/20/13	0.00740	<0.00100	<0.00100	<0.00100	
MW - 1	02/04/14	Plugged and Abandoned				
MW - 1A	02/04/14	Installation				
MW - 1A	02/26/14	0.0110	<0.00100	0.00253	<0.00100	
MW - 1A	05/07/14	0.00580	<0.00100	0.00240	<0.00300	
MW - 1A	08/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 1A	11/11/14	0.0277	<0.00100	0.00970	0.00130	
MW - 1A	02/19/15	0.00550	<0.00100	0.00240	0.00100	
MW - 1A	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 1A	06/02/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 1A	08/11/15	0.00140	<0.00100	<0.00100	<0.00100	
MW - 1A	11/04/15	0.00290	<0.00100	<0.00100	<0.00100	
MW - 1A	02/02/16	0.00340	<0.00100	<0.00100	<0.00100	
MW - 1A	05/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 1A	08/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 1A	10/03/16	0.0172	<0.00100	0.00620	<0.00100	
MW - 1A	11/02/16	0.0141	<0.00100	0.00560	0.00120	
MW - 1A	02/09/17	0.00685	<0.00200	<0.00200	<0.00200	
MW - 1A	05/22/17	0.00376	<0.00200	<0.00200	<0.00400	
MW - 1A	08/30/17	0.0136	<0.00100	0.00491	<0.00400	
MW - 1A	11/21/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 1A	11/21/17	<0.00100	<0.00100	<0.00100	<0.00200	
MW - 1A	02/27/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 1A	05/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 1A	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 1A	11/01/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 2	02/23/00	0.196	0.004	<0.001	0.040	

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 LF - 59
 LEA COUNTY, NEW MEXICO
 NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 2	04/06/00	0.278	0.005	0.002	0.086	
MW - 2	08/29/00	0.272	0.007	0.026	0.081	
MW - 2	12/04/00	0.046	<0.001	0.006	0.011	
MW - 2	01/23/01	0.111	<0.001	0.006	0.017	
MW - 2	05/16/01	0.0937	<0.001	<0.001	0.0013	
MW - 2	08/06/01	0.0958	<0.001	0.0248	0.01551	
MW - 2	10/29/01	0.0488	<0.001	0.0236	0.00376	
MW - 2	03/29/02	0.0247	0.00441	0.0229	0.1373	
MW - 2	05/20/02	0.0247	<0.001	0.0372	0.0782	
MW - 2	09/10/02	0.0416	<0.001	0.019	0.0246	
MW - 2	11/14/02	0.0318	<0.001	0.0177	0.0445	
MW - 2	Grazing lessee denied access to Site during 1st, 2nd, and 3rd quarters of 2003					
MW - 2	12/03/03	<0.001	<0.001	<0.001	<0.002	
MW - 2	03/03/04	<0.001	<0.001	<0.001	<0.002	
MW - 2	05/18/04	0.00726	<0.001	0.00802	0.02363	
MW - 2	09/07/04	<0.001	<0.001	<0.001	<0.002	
MW - 2	12/14/04	0.00390	<0.00100	0.0139	0.0149	
MW - 2	03/08/05	Not sampled due to well obstruction				
MW - 2	06/07/05	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	09/07/05	0.00220	<0.00100	0.0238	0.0361	
MW - 2	12/02/05	0.00170	<0.00100	0.00240	0.00250	
MW - 2	03/08/06	0.00580	<0.00100	0.00540	0.0112	
MW - 2	06/07/06	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 2	09/12/06	0.00920	<0.00100	0.105	0.184	
MW - 2	11/22/06	0.00440	<0.00100	0.0313	0.0384	
MW - 2	02/21/07	0.00200	<0.00100	0.00500	0.0109	
MW - 2	05/16/07	<0.00100	<0.00100	0.00860	0.0122	
MW - 2	08/10/07	0.00400	<0.00100	0.00760	0.0201	
MW - 2	12/28/07	0.00190	<0.00100	0.00570	0.00740	
MW - 2	02/18/08	0.00140	<0.00100	0.00170	0.00330	
MW - 2	05/12/08	<0.00100	<0.00100	<0.00100	0.00150	
MW - 2	08/08/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	11/07/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/06/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	05/07/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	08/04/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	11/09/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/04/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	05/01/10	Not Sampled during 2nd Quarter 2010				
MW - 2	08/09/10	0.00130	0.00130	0.00100	0.00270	
MW - 2	11/01/10	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 2	02/10/11	0.00700	0.00700	<0.00100	0.0197	
MW - 2	05/04/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	08/03/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	11/11/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/13/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	05/25/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	08/06/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	11/08/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/05/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	05/28/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	08/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	11/20/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/04/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 2	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 2	08/26/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/19/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	05/18/15	0.243	<0.0500	<0.0500	<0.0500	
MW - 2	06/02/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	08/11/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	11/04/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	05/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	08/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	10/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 2	02/09/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 2	05/22/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 2	08/30/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 2	11/21/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 2	02/27/18	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 2	05/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 2	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 2	11/01/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 3	02/23/00	<0.001	<0.001	<0.001	<0.001	
MW - 3	04/06/00	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/29/00	<0.001	<0.001	<0.001	<0.001	
MW - 3	12/04/00	<0.001	<0.001	<0.001	<0.001	
MW - 3	01/23/01	<0.001	<0.001	<0.001	<0.00100	
MW - 3	05/16/01	<0.001	<0.001	<0.001	<0.001	
MW - 3	08/06/01	<0.001	<0.001	<0.001	<0.001	

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 3	10/29/01	<0.001	<0.001	<0.001	<0.001	
MW - 3	03/29/02	<0.001	<0.001	<0.001	<0.001	
MW - 3	05/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 3	09/10/02	<0.001	<0.001	<0.001	<0.001	
MW - 3	11/14/02	<0.001	<0.001	<0.001	<0.001	
MW - 3	Grazing lessee denied access to Site during 1st, 2nd, and 3rd quarters of 2003					
MW - 3	12/03/03	<0.001	<0.001	<0.001	<0.002	
MW - 3	03/03/04	<0.001	<0.001	<0.001	<0.002	
MW - 3	05/18/04	Not Sampled on Current Sample Schedule				
MW - 3	09/07/04	Not Sampled on Current Sample Schedule				
MW - 3	12/14/04	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	03/08/05	Not Sampled on Current Sample Schedule				
MW - 3	06/07/05	Not Sampled on Current Sample Schedule				
MW - 3	09/07/05	Not Sampled on Current Sample Schedule				
MW - 3	12/02/05	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	03/08/06	Not Sampled on Current Sample Schedule				
MW - 3	06/07/06	Not Sampled on Current Sample Schedule				
MW - 3	09/12/06	Not Sampled on Current Sample Schedule				
MW - 3	11/22/06	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/21/07	Not Sampled on Current Sample Schedule				
MW - 3	05/16/07	Not Sampled on Current Sample Schedule				
MW - 3	08/10/07	Not Sampled on Current Sample Schedule				
MW - 3	12/28/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/18/08	Not Sampled on Current Sample Schedule				
MW - 3	05/12/08	Not Sampled on Current Sample Schedule				
MW - 3	08/08/08	Not Sampled on Current Sample Schedule				
MW - 3	11/07/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/06/09	Not Sampled on Current Sample Schedule				
MW - 3	05/07/09	Not Sampled on Current Sample Schedule				
MW - 3	08/04/09	Not Sampled on Current Sample Schedule				
MW - 3	11/09/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/04/10	Not Sampled on Current Sample Schedule				
MW - 3	05/01/10	Not Sampled during 2nd Quarter 2010				
MW - 3	08/09/10	Not Sampled on Current Sample Schedule				
MW - 3	11/01/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/10/11	Not Sampled on Current Sample Schedule				
MW - 3	05/04/11	Not Sampled on Current Sample Schedule				
MW - 3	08/03/11	Not Sampled on Current Sample Schedule				
MW - 3	11/11/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/13/12	Not Sampled on Current Sample Schedule				
MW - 3	05/25/12	Not Sampled on Current Sample Schedule				

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 3	08/06/12	Not Sampled on Current Sample Schedule				
MW - 3	11/08/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/05/13	Not Sampled on Current Sample Schedule				
MW - 3	05/28/13	Not Sampled on Current Sample Schedule				
MW - 3	08/13/13	Not Sampled on Current Sample Schedule				
MW - 3	11/20/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/04/14	Not Sampled on Current Sample Schedule				
MW - 3	05/07/14	Not Sampled on Current Sample Schedule				
MW - 3	08/26/14	Not Sampled on Current Sample Schedule				
MW - 3	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/19/15	Not Sampled on Current Sample Schedule				
MW - 3	05/18/15	Not Sampled on Current Sample Schedule				
MW - 3	08/11/15	Not Sampled on Current Sample Schedule				
MW - 3	11/04/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/02/16	Not Sampled on Current Sample Schedule				
MW - 3	05/03/16	Not Sampled on Current Sample Schedule				
MW - 3	08/02/16	Not Sampled on Current Sample Schedule				
MW - 3	10/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 3	02/09/17	Not Sampled on Current Sample Schedule				
MW - 3	05/22/17	Not Sampled on Current Sample Schedule				
MW - 3	08/30/17	Not Sampled on Current Sample Schedule				
MW - 3	11/21/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 3	02/27/18	Not Sampled on Current Sample Schedule				
MW - 3	05/22/18	Not Sampled on Current Sample Schedule				
MW - 3	08/21/18	Not Sampled on Current Sample Schedule				
MW - 3	11/01/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 4	02/23/00	Not Sampled due to presence of PSH				
MW - 4	04/06/00	Not Sampled due to presence of PSH				
MW - 4	08/29/00	Not Sampled due to presence of PSH				
MW - 4	12/04/00	Not Sampled due to presence of PSH				
MW - 4	01/23/01	Not Sampled due to presence of PSH				
MW - 4	05/16/01	Not Sampled due to presence of PSH				
MW - 4	08/06/01	Not Sampled due to presence of PSH				
MW - 4	10/29/01	Not Sampled due to presence of PSH				
MW - 4	03/29/02	Not Sampled due to presence of PSH				
MW - 4	05/20/02	Not Sampled due to presence of PSH				
MW - 4	09/10/02	Not Sampled due to presence of PSH				
MW - 4	11/14/02	Not Sampled due to presence of PSH				
MW - 4	Grazing lessee denied access to Site during 1st, 2nd, and 3rd quarters of 2003					
MW - 4	12/03/03	Not Sampled due to presence of PSH				

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 4	03/03/04	Not Sampled due to presence of PSH				
MW - 4	05/18/04	<0.001	<0.001	0.00157	0.00684	
MW - 4	09/07/04	<0.001	<0.001	0.00225	<0.002	
MW - 4	12/14/04	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 4	03/08/05	0.0189	0.0165	<0.0100	0.0379	
MW - 4	06/07/05	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 4	09/07/05	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 4	12/02/05	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	03/08/06	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	06/07/06	Hot sampled due to presence of PSH				
MW - 4	09/12/06	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	11/22/06	0.00180	<0.00100	<0.00100	0.00210	
MW - 4	02/21/07	<0.00100	<0.00100	<0.00100	0.00490	
MW - 4	05/16/07	<0.00100	<0.00100	<0.00100	0.00190	
MW - 4	08/10/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	12/28/07	<0.00100	<0.00100	<0.00100	0.00150	
MW - 4	02/18/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	05/12/08	0.00160	<0.00100	<0.00100	<0.00100	
MW - 4	08/08/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	11/07/08	0.00880	0.0213	0.00520	0.0256	
MW - 4	02/06/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	05/07/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/04/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	11/09/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/04/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	05/01/10	Not Sampled during 2nd Quarter 2010				
MW - 4	08/09/10	<0.00100	<0.00100	<0.00100	0.00200	
MW - 4	11/01/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/10/11	<0.00100	<0.00100	<0.00100	0.0195	
MW - 4	05/04/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/03/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	11/11/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/13/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	05/25/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/06/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	11/08/12	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 4	02/05/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	05/28/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/13/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	11/20/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/04/14	<0.00100	<0.00100	<0.00100	<0.00300	

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 4	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 4	08/26/14	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 4	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/19/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/11/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	11/04/15	0.00640	<0.00100	<0.00100	<0.00100	
MW - 4	02/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	05/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	08/02/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	10/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 4	02/09/17	<0.00200	<0.00200	<0.00200	<0.00200	
MW - 4	05/22/17	<0.00200	0.00465	0.00327	0.00978	
MW - 4	08/30/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 4	11/21/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 4	02/27/18	<0.00200	0.00132	<0.00200	0.00255	
MW - 4	05/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 4	08/21/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 4	11/01/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 5	02/23/00	<0.001	<0.001	<0.001	<0.001	
MW - 5	04/06/00	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/29/00	<0.001	0.001	<0.001	<0.001	
MW - 5	12/04/00	<0.001	<0.001	<0.001	<0.001	
MW - 5	01/23/01	<0.001	<0.001	<0.001	<0.001	
MW - 5	05/16/01	<0.001	<0.001	<0.001	<0.001	
MW - 5	08/06/01	<0.001	<0.001	<0.001	<0.001	
MW - 5	10/29/01	<0.001	<0.001	<0.001	<0.001	
MW - 5	03/29/02	<0.001	<0.001	<0.001	<0.001	
MW - 5	05/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 5	09/10/02	<0.001	<0.001	<0.001	<0.001	
MW - 5	11/14/02	<0.001	<0.001	<0.001	<0.001	
MW - 5	Grazing lessee denied access to Site during 1st, 2nd, and 3rd quarters of 2003					
MW - 5	12/03/03	<0.001	<0.001	<0.001	<0.002	
MW - 5	03/03/04	<0.001	<0.001	<0.001	<0.002	
MW - 5	05/18/04	Not Sampled on Current Sample Schedule				
MW - 5	09/07/04	Not Sampled on Current Sample Schedule				
MW - 5	12/14/04	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	03/08/05	Not Sampled on Current Sample Schedule				
MW - 5	06/07/05	Not Sampled on Current Sample Schedule				
MW - 5	09/07/05	Not Sampled on Current Sample Schedule				

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 5	12/02/05	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	03/08/06	Not Sampled on Current Sample Schedule				
MW - 5	06/07/06	Not Sampled on Current Sample Schedule				
MW - 5	09/12/06	Not Sampled on Current Sample Schedule				
MW - 5	11/22/06	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/21/07	Not Sampled on Current Sample Schedule				
MW - 5	05/16/07	Not Sampled on Current Sample Schedule				
MW - 5	08/10/07	Not Sampled on Current Sample Schedule				
MW - 5	12/28/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/18/08	Not Sampled on Current Sample Schedule				
MW - 5	05/12/08	Not Sampled on Current Sample Schedule				
MW - 5	08/08/08	Not Sampled on Current Sample Schedule				
MW - 5	11/07/08	<0.00100	<0.00100	0.00120	0.00380	
MW - 5	02/06/09	Not Sampled on Current Sample Schedule				
MW - 5	05/07/09	Not Sampled on Current Sample Schedule				
MW - 5	08/04/09	Not Sampled on Current Sample Schedule				
MW - 5	11/09/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/04/10	Not Sampled on Current Sample Schedule				
MW - 5	05/01/10	Not Sampled during 2nd Quarter 2010				
MW - 5	08/09/10	Not Sampled on Current Sample Schedule				
MW - 5	11/01/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/10/11	Not Sampled on Current Sample Schedule				
MW - 5	05/04/11	Not Sampled on Current Sample Schedule				
MW - 5	08/03/11	Not Sampled on Current Sample Schedule				
MW - 5	11/11/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/13/12	Not Sampled on Current Sample Schedule				
MW - 5	05/25/12	Not Sampled on Current Sample Schedule				
MW - 5	08/06/12	Not Sampled on Current Sample Schedule				
MW - 5	11/08/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/05/13	Not Sampled on Current Sample Schedule				
MW - 5	05/28/13	Not Sampled on Current Sample Schedule				
MW - 5	08/13/13	Not Sampled on Current Sample Schedule				
MW - 5	11/20/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/04/14	Not Sampled on Current Sample Schedule				
MW - 5	05/07/14	Not Sampled on Current Sample Schedule				
MW - 5	08/26/14	Not Sampled on Current Sample Schedule				
MW - 5	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/19/15	Not Sampled on Current Sample Schedule				
MW - 5	05/18/15	Not Sampled on Current Sample Schedule				
MW - 5	08/11/15	Not Sampled on Current Sample Schedule				
MW - 5	11/04/15	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 5	02/02/16	Not Sampled on Current Sample Schedule				
MW - 5	05/03/16	Not Sampled on Current Sample Schedule				
MW - 5	08/02/16	Not Sampled on Current Sample Schedule				
MW - 5	10/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 5	02/09/17	Not Sampled on Current Sample Schedule				
MW - 5	05/22/17	Not Sampled on Current Sample Schedule				
MW - 5	08/30/17	Not Sampled on Current Sample Schedule				
MW - 5	11/21/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 5	02/27/18	Not Sampled on Current Sample Schedule				
MW - 5	05/22/18	Not Sampled on Current Sample Schedule				
MW - 5	08/21/18	Not Sampled on Current Sample Schedule				
MW - 5	11/01/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 6	09/27/01	<0.001	<0.001	<0.001	<0.001	
MW - 6	10/29/01	<0.001	<0.001	<0.001	<0.001	
MW - 6	03/29/02	<0.001	<0.001	<0.001	<0.001	
MW - 6	05/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 6	09/10/02	<0.001	<0.001	<0.001	<0.001	
MW - 6	11/14/02	<0.001	<0.001	<0.001	<0.001	
MW - 6	Grazing lessee denied access to Site during 1st, 2nd, and 3rd quarters of 2003					
MW - 6	12/03/03	<0.001	<0.001	<0.001	<0.002	
MW - 6	03/03/04	<0.001	<0.001	<0.001	<0.002	
MW - 6	05/18/04	Not Sampled on Current Sample Schedule				
MW - 6	09/07/04	Not Sampled on Current Sample Schedule				
MW - 6	12/14/04	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	03/08/05	Not Sampled on Current Sample Schedule				
MW - 6	06/07/05	Not Sampled on Current Sample Schedule				
MW - 6	09/07/05	Not Sampled on Current Sample Schedule				
MW - 6	12/02/05	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	03/08/06	Not Sampled on Current Sample Schedule				
MW - 6	06/07/06	Not Sampled on Current Sample Schedule				
MW - 6	09/12/06	Not Sampled on Current Sample Schedule				
MW - 6	11/22/06	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/21/07	Not Sampled on Current Sample Schedule				
MW - 6	05/16/07	Not Sampled on Current Sample Schedule				
MW - 6	08/10/07	Not Sampled on Current Sample Schedule				
MW - 6	12/28/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/18/08	Not Sampled on Current Sample Schedule				
MW - 6	05/12/08	Not Sampled on Current Sample Schedule				
MW - 6	08/08/08	Not Sampled on Current Sample Schedule				
MW - 6	11/07/08	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 6	02/06/09	Not Sampled on Current Sample Schedule				
MW - 6	05/07/09	Not Sampled on Current Sample Schedule				
MW - 6	08/04/09	Not Sampled on Current Sample Schedule				
MW - 6	11/09/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/04/10	Not Sampled on Current Sample Schedule				
MW - 6	05/01/10	Not Sampled during 2nd Quarter 2010				
MW - 6	08/09/10	Not Sampled on Current Sample Schedule				
MW - 6	11/01/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 6	02/10/11	Not Sampled on Current Sample Schedule				
MW - 6	03/21/11	Well Plugged and Abandoned				
MW - 7	09/27/01	<0.001	<0.001	<0.001	<0.001	
MW - 7	10/29/01	<0.001	<0.001	<0.001	<0.001	
MW - 7	03/29/02	<0.001	<0.001	<0.001	<0.001	
MW - 7	05/20/02	<0.001	<0.001	<0.001	<0.001	
MW - 7	09/10/02	0.00838	0.00637	0.00253	0.02427	
MW - 7	11/14/02	0.00866	0.00906	0.00538	0.0410	
MW - 7	Grazing lessee denied access to Site during 1st, 2nd, and 3rd quarters of 2003					
MW - 7	12/03/03	<0.001	<0.001	<0.001	<0.002	
MW - 7	03/03/04	0.00146	<0.001	<0.001	0.00369	
MW - 7	05/18/04	Not Sampled on Current Sample Schedule				
MW - 7	09/07/04	Not Sampled on Current Sample Schedule				
MW - 7	12/14/04	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	03/08/05	Not Sampled on Current Sample Schedule				
MW - 7	06/07/05	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	09/07/05	Not Sampled on Current Sample Schedule				
MW - 7	12/02/05	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	03/08/06	Not Sampled on Current Sample Schedule				
MW - 7	06/07/06	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 7	09/12/06	Not Sampled on Current Sample Schedule				
MW - 7	11/22/06	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/21/07	Not Sampled on Current Sample Schedule				
MW - 7	05/16/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/10/07	Not Sampled on Current Sample Schedule				
MW - 7	12/28/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/18/08	Not Sampled on Current Sample Schedule				
MW - 7	05/12/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/08/08	Not Sampled on Current Sample Schedule				
MW - 7	11/07/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/06/09	Not Sampled on Current Sample Schedule				
MW - 7	05/07/09	<0.00100	<0.00100	0.00620	0.00880	

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 7	08/04/09	Not Sampled on Current Sample Schedule				
MW - 7	11/09/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/04/10	Not Sampled on Current Sample Schedule				
MW - 7	05/01/10	Not Sampled during 2nd Quarter 2010				
MW - 7	08/09/10	Not Sampled on Current Sample Schedule				
MW - 7	11/01/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/10/11	Not Sampled on Current Sample Schedule				
MW - 7	05/04/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/03/11	Not Sampled on Current Sample Schedule				
MW - 7	11/11/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/13/12	Not Sampled on Current Sample Schedule				
MW - 7	05/25/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	08/06/12	Not Sampled on Current Sample Schedule				
MW - 7	11/08/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/05/13	Not Sampled on Current Sample Schedule				
MW - 7	05/28/13	Not Sampled on Current Sample Schedule				
MW - 7	08/13/13	Not Sampled on Current Sample Schedule				
MW - 7	11/20/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/04/14	Not Sampled on Current Sample Schedule				
MW - 7	05/07/14	Not Sampled on Current Sample Schedule				
MW - 7	08/26/14	Not Sampled on Current Sample Schedule				
MW - 7	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/19/15	Not Sampled on Current Sample Schedule				
MW - 7	05/18/15	Not Sampled on Current Sample Schedule				
MW - 7	08/11/15	Not Sampled on Current Sample Schedule				
MW - 7	11/04/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/02/16	Not Sampled on Current Sample Schedule				
MW - 7	05/03/16	Not Sampled on Current Sample Schedule				
MW - 7	08/02/16	Not Sampled on Current Sample Schedule				
MW - 7	10/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 7	02/09/17	Not Sampled on Current Sample Schedule				
MW - 7	05/22/17	Not Sampled on Current Sample Schedule				
MW - 7	08/30/17	Not Sampled on Current Sample Schedule				
MW - 7	11/21/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 7	02/27/18	Not Sampled on Current Sample Schedule				
MW - 7	05/22/18	Not Sampled on Current Sample Schedule				
MW - 7	08/21/18	Not Sampled on Current Sample Schedule				
MW - 7	11/01/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 8	10/10/05	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	12/02/05	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 8	03/08/06	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	06/07/06	<0.00500	<0.00500	<0.00500	<0.00500	
MW - 8	09/12/06	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	11/22/06	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/21/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	05/16/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/10/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	12/28/07	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/18/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	05/12/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/08/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	11/07/08	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/06/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	05/07/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/04/09	<0.00100	0.00480	<0.00100	0.0152	
MW - 8	11/09/09	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/04/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	05/01/10	Not Sampled during 2nd Quarter 2010				
MW - 8	08/09/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	11/01/10	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/10/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	05/04/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/03/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	11/11/11	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/13/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	05/25/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/06/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	11/08/12	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/05/13	Not Sampled on Current Sample Schedule				
MW - 8	05/28/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/13/13	Not Sampled on Current Sample Schedule				
MW - 8	11/20/13	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/04/14	Not Sampled on Current Sample Schedule				
MW - 8	05/07/14	<0.00100	<0.00100	<0.00100	<0.00300	
MW - 8	08/26/14	Not Sampled on Current Sample Schedule				
MW - 8	11/11/14	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/19/15	Not Sampled on Current Sample Schedule				
MW - 8	05/18/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/11/15	Not Sampled on Current Sample Schedule				
MW - 8	11/04/15	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/02/16	Not Sampled on Current Sample Schedule				

TABLE 2

COMPREHENSIVE CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

LF - 59

LEA COUNTY, NEW MEXICO

NMOCD Reference Number 1R-0103

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o -XYLENE
NMOCD Regulatory Guideline		0.01	0.75	0.75	0.62	
MW - 8	05/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	08/02/16	Not Sampled on Current Sample Schedule				
MW - 8	10/03/16	<0.00100	<0.00100	<0.00100	<0.00100	
MW - 8	02/09/17	Not Sampled on Current Sample Schedule				
MW - 8	05/22/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 8	08/30/17	Not Sampled on Current Sample Schedule				
MW - 8	11/21/17	<0.00200	<0.00200	<0.00200	<0.00400	
MW - 8	02/27/18	Not Sampled on Current Sample Schedule				
MW - 8	05/22/18	<0.00100	<0.0100	<0.00500	<0.0200	
MW - 8	08/21/18	Not Sampled on Current Sample Schedule				
MW - 8	11/01/18	<0.00100	<0.0100	<0.00500	<0.0200	

811 South Main
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Artesia, NM 87410
District IV - (505) 827-7131

Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

STATE Bynd LF. 1999-59

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 EOTT Energy Pipeline	Contact Lennah Frost
Address PO Box 1660	Telephone No. 915/6843467
Facility Name	Facility Type Pipeline

Surface Owner State of New Mexico	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Com. Letter L	Section 32	Township 19S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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NATURE OF RELEASE

Type of Release Crude oil	Volume of Release 260 bbl/s	Volume Recovered 200 bbl/s
Source of Release Crude oil Pipeline	Date and Hour of Occurrence 7/18/99 1pm	Date and Hour of Discovery 7/18/99 1pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Chris Williams	
By Whom? Lennah Frost	Date and Time 7/18/99 - 2:30p	
Was a Windrose Reached? ☐ Yes ☒ No	If Yes, Volume Impacting the Windrose.	

If a Windrose was Impacted, Describe Fully (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary)

Internal Corrosion - Leak Clamped off will replace pipe ASAP

Describe Area Affected and Cleanup Action Taken (Attach Additional Sheets If Necessary)

Spill occurred in a previously remediated site. Will evaluate for cleanup this week

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCED 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 NMOCED marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to ground water, surface water, human health or the environment. In addition, NMOCED 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: Lennah Frost	OIL CONSERVATION DIVISION	
Printed Name: Lennah Frost	Approved by District Supervisor:	Expiration Date:
Title: SR. ENV. ENG	Approval Date:	Condition of Approval:
Date: 7-20-99	Phone: 915/6843467	Attached ☐