AP - 16

ANNUAL MONITORING REPORT

YEAR(S):

2007

2007
ANNUAL MONITORING REPORT

BOB DURHAM
LEA COUNTY, NEW MEXICO
NW ¼ NW ¼, SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST
PLAINS EMS NUMBER: TNM LF2000-07
NMOCD File Number: AP-0016

PREPARED FOR:

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March 2008

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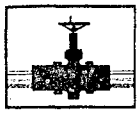

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March 28, 2008

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

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

Dear Mr. Hansen:

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits our Annual Monitoring reports for the following sites:

TNM 97-17	Section 21, Township 20 South, Range 37 East, Lea County
TNM 97-18	Section 28, Township 20 South, Range 37 East, Lea County
TNM 98-05A	Section 26, Township 21 South, Range 37 East, Lea County
TNM 98-05B	Section 26, Township 21 South, Range 37 East, Lea County
TNM 97-04	Section 11, Township 16 South, Range 35 East, Lea County
Texaco Skelly "F"	Section 21, Township 20 South, Range 37 East, Lea County
Darr Angell #2	Section 14, Township 15 South, Range 37 East, Lea County
LF-59	Section 32, Township 19 South, Range 37 East, Lea County
SPS-11	Section 18, Township 18 South, Range 36 East, Lea County
Monument #10	Section 32, Township 19 South, Range 37 East, Lea County
Monument #17	Section 29, Township 19 South, Range 37 East, Lea County
Monument #18	Section 7, Township 20 South, Range 37 East, Lea County
Lea Station to Monument 6"	Section 5, Township 20 South, Range 37 East, Lea County
34 Junction South Station	Section 2, Township 17 South, Range 36 East, Lea County
Bob Durham	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell #1	Section 11, Township 15 South, Range 37 East, Lea County
Darr Angell #4	Sections 2 and 11, Township 15 South, Range 37 East, Lea County
HDO 90-23	Section 6, Township 20 South, Range 37 East, Lea County
Junction 34 to Lea	Section 21, Township 20 South, Range 37 East, Lea County
Monument #2	Section 6, Township 20 South, Range 37 East, Lea County
Monument Barber 10" Sour	Section 32, Township 19 South, Range 37 East, Lea County
Monument #11	Section 30, Township 19 South, Range 37 East, Lea County
Red Byrd #1	Section 1, Township 20 South, Range 36 East, Lea County
South Monument Gathering	Section 5, Township 20 South, Range 37 East, Lea County
Denton Station	Section 14, Township 15 South, Range 37 East, Lea County

3112 West Highway 82 • Lovington, NM 88260 • (505) 396-3341

order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

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

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

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ENCLOSED ON DATA DISK

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA. The Bob Durham pipeline release site (the site), which was formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, appendices, tables and text. The report presents the results of the four quarterly groundwater monitoring events conducted in calendar year 2007. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2007 to assess the extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitor event consisted of measuring static water levels in the monitor wells, checking for the presence of PSH on the water column, and the purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately two miles west of the city of Monument, New Mexico, in the NW ¼ of the NW ¼ of Section 32, Township 19 South, Range 37 East. 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 500 feet west of the release point. Generally, the surface consists of unconsolidated sand covered by sparse grasses and mesquite trees. Oil and gas production facilities are located adjacent to the site to the northeast and at a greater distance to the northwest.

The crude oil release was discovered during excavation activities associated with the installation of a polyethylene liner in the pipeline. During the initial response, an estimated 2,000 cubic yards of impacted soil was excavated and removed from the area immediately north of State Highway 322. EOTT personnel indicated the excavated soil was transported to J & L Landfarm, located near Eunice, New Mexico, for disposal. A previous contractor installed a total of 38 monitor wells to delineate the horizontal and vertical impact of the release.

Seven groundwater monitor wells (MW-17 through 19, MW-22, MW-34 through 36) were plugged and abandoned in September 2005, with NMOCD approval.

Currently, thirty-one (31) groundwater monitor wells remain on-site (MW-1 through 16, MW-20, MW-21, MW-23 through MW-33, MW-37, and MW-38). An automated product recovery system, consisting of pneumatic pumps installed in monitor wells MW-5, MW-7, MW-12, and MW-16, operated at the site until mid-2004 when the system was removed from operation due to decreasing PSH thicknesses. Recovery of PSH at the site is performed manually on a bi-monthly schedule.

RECENT FIELD ACTIVITIES

A measurable thickness of PSH was observed in three monitor wells (MW-4, MW-5, MW-12, during at least one quarterly monitoring event of the reporting period. The average thickness of PSH for 2007 is 0.11 feet in monitor wells exhibiting PSH. The maximum thickness of PSH in monitor wells during the reporting period was 0.34 feet, as measured in monitor wells MW-4 on February 8, 2007 and MW-12 on February 15, 2007. PSH data for the 2007 gauging events can be found in Table 1 and on Figures 3A through 3D.

Approximately 2.5 gallons (0.06 barrels) of PSH was recovered from the site during the 2007 reporting period. Recovery of PSH at the site is now performed manually and is monitored on a bi-monthly basis. Approximately 841 gallons (approximately 20 barrels) of PSH has been recovered from the site by automated systems and by manual recovery methods since project inception.

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondence dated July 7, 2005.

NMOCD Approved Sampling Schedule							
MW-1	Quarterly	MW-11	Annual	MW-21	Annual	MW-31	Quarterly
MW-2	Quarterly	MW-12	Quarterly	MW-22	Plugged & Abnd	MW-32	Quarterly
MW-3	Quarterly	MW-13	Quarterly	MW-23	Quarterly	MW-33	Quarterly
MW-4	Quarterly	MW-14	Semi-Annual	MW-24	Semi-Annual	MW-34	Plugged & Abnd
MW-5	Quarterly	MW-15	Quarterly	MW-25	Annual	MW-35	Plugged & Abnd
MW-6	Quarterly	MW-16	Quarterly	MW-26	Quarterly	MW-36	Plugged & Abnd
MW-7	Quarterly	MW-17	Plugged & Abnd	MW-27	Semi-Annual	MW-37	Quarterly
MW-8	Quarterly	MW-18	Plugged & Abnd	MW-28	Quarterly	MW-38	Quarterly
MW-9	Quarterly	MW-19	Plugged & Abnd	MW-29	Annual		
MW-10	Quarterly	MW-20	Annual	MW-30	Annual		

The site monitor wells were gauged and sampled on February 15, May 12, August 27, and November 14, 2007. During each sampling event, monitor wells were purged of a minimum of three well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2007, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for

2007 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.011 feet/foot to the south as measured between monitor wells MW-6 and MW-31. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3571.45 to 3582.74 feet above mean sea level, in monitor wells MW-38 on March 8, 2007 and MW-6 on January 11, 2007, respectively.

LABORATORY RESULTS

Monitor well MW-5 contained PSH during the 4th quarter sampling event and was not sampled. Monitor well MW-4 contained PSH during the 1st and 2nd quarter sampling event and was not sampled. Monitor well MW-12 contained PSH during all four sampling events and were not sampled.

All groundwater samples collected during the reporting period were delivered to TraceAnalysis, Inc. in Lubbock, Texas for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent analysis using EPA Method SW 846-8021b. Analytical results of BTEX constituent concentrations for 2007 are summarized on Table 2. Historical BTEX constituent concentrations and copies of the laboratory reports for 2007 are provided on the enclosed data disk. The quarterly groundwater analytical results are depicted on the Groundwater Concentration and Inferred PSH Extent Maps, Figures 3A-3D.

Monitor well MW-1 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0683 mg/L during the 3rd quarter. Benzene concentrations were above the NMOCD regulatory standard during the 1st, 2nd and 3rd quarters of the reporting period. Toluene concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.1180 mg/L during the 3rd quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.0983 mg/L during the 2nd quarter of 2007. Xylene concentrations were below regulatory standards during all four quarters of the reporting period.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0229 mg/L during the 4th quarter to 0.0297 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0022 mg/L during the 4th quarter to 0.0155 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period.

Monitor well MW-3 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4thquarters to 0.0037 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0024 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0026 mg/L during the 1st quarter of 2007. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirteen consecutive quarters.

Monitor well MW-4 is monitored / sampled on a quarterly schedule. Monitor well MW-4 was not sampled during the 1st and 2nd quarters of the reporting period, due to the reported presence of PSH in the monitor well. PSH thicknesses of 0.22 feet, and 0.15 feet were reported during the 1st and 2nd quarters of 2007, respectively. Monitor well MW-4 was sampled during the 3rd and 4th quarters of the reporting period and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0022 mg/L during the 4th quarter. Benzene concentrations were below the NMOCD regulatory standard during the 3rd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during the 3rd and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0034 mg/L during the 4th quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during the 3rd and 4th quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.003 mg/L during the 4th quarter of 2007. Xylene concentrations were below regulatory standards during the 3rd and 4th quarters of the reporting period.

Monitor well MW-5 is sampled / monitored on a quarterly schedule. The monitor well was not sampled during the 4th quarter sampling event, due to the presence of PSH (0.06 feet) in the monitor well. Analytical results from the first three quarters of the reporting period indicate benzene concentrations ranged from 0.1050 mg/L during the 2nd quarter to 0.1110 mg/L during the 1st quarter. Benzene concentrations were above the NMOCD regulatory standard during the 1st, 2nd, and 3rd quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during the three sampled quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0378 mg/L during the 2nd quarter to 0.0522 mg/L during the 1st quarter. Ethylbenzene concentrations were below the NMOCD regulatory standards during the three sampled quarters of the reporting period. Xylene concentrations ranged from 0.0176 mg/L during the 3rd quarter to 0.0395 mg/L during the 1st quarter. Xylene concentrations were below NMOCD regulatory standards during the three sampled quarters of the reporting period.

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd quarter to 0.0100 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD

regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0046 mg/L during the 4th quarter to 0.0158 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0063 mg/L during the 4th quarter to 0.0234 mg/L during the 1st quarter of 2007. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last five consecutive quarters.

Monitor well MW-7 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0018 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0011 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirteen consecutive quarters.

Monitor well MW-8 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 4th quarter to 0.004 mg/L during the 3rd quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0010 mg/L during the 4th quarter of 2007. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last ten consecutive quarters.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last five consecutive quarters.

Monitor well MW-11 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each

BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

Monitor well MW-12 is monitored on a quarterly schedule. Monitor well MW-12 was not sampled during any of the four quarters of the reporting period, due to the reported presence of PSH in the monitor well. PSH thicknesses of 0.34 feet, 0.31 feet, 0.25 feet and 0.29 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2007, respectively.

Monitor well MW-13 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd, and 3rd quarters to 0.0018 mg/L during the 4th quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd and 3rd quarters to 0.0016 mg/L during the 3rd quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 3rd quarters to 0.001 mg/L during the 4th quarter. Xylene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last six consecutive quarters.

Monitor well MW-14 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarterly sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

Monitor well MW-16 is sampled on a quarterly schedule and analytical results indicate benzene and toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from below the MDL during the 2nd and 3rd quarters to 0.0078 mg/L during the 4th quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from below the MDL during the 2nd and 3rd quarters to 0.0097 mg/L during the 1st quarter of 2007. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last five consecutive quarters.

Monitor well MW-20 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

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

Monitor well MW-23 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirteen consecutive quarters.

Monitor well MW-24 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

Monitor well MW-25 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

Monitor well MW-26 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last eight consecutive quarters.

Monitor well MW-27 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2nd and 4th quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last eight consecutive quarters.

Monitor well MW-28 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results

indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirteen consecutive quarters.

Monitor well MW-29 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last fifteen consecutive quarters.

Monitor well MW-30 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

Monitor well MW-31 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

Monitor well MW-32 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 3rd quarters to 0.0016 mg/L during the 1st quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0016 mg/L during the 1st quarter of 2007. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last nine consecutive quarters.

Monitor well MW-33 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters.

Monitor well MW-37 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last eleven consecutive quarters.

Monitor well MW-38 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0133 mg/L during the 2nd quarter to 0.0243 mg/L during the 4th

quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0345 mg/L during the 1st quarter to 0.879 mg/L during the 4th quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0033 mg/L during the 3rd quarter to 0.0072 mg/L during the 1st quarter of 2007. Xylene concentrations were below regulatory standards during all four quarters of the reporting period.

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

SUMMARY

This report presents the results of monitoring activities for the 2007 annual monitoring period. Currently, there are thirty-one groundwater monitor wells (MW-1 through MW-16, MW-20, MW-21, MW-23 through MW-33, MW-37, and MW-38) on-site. Seven monitor wells (MW-17 through MW-19, MW-22, and MW-34 through MW-36) were plugged and abandoned in September 2005. Recovery of PSH at the site is performed manually on a bi-monthly basis. Groundwater elevation contours generated from water level measurements acquired during the reporting period indicate a general groundwater gradient of approximately 0.011 feet/foot to the south.

A measurable thickness of PSH was observed in three monitor wells (MW-4, MW-5, MW-12, during at least one quarterly monitoring event of the reporting period. The average thickness of PSH for 2007 is 0.11 feet in monitor wells exhibiting PSH.

Approximately 2.5 gallons (0.06 barrels) of PSH was recovered from the site during the 2007 reporting period. Approximately 841 gallons (approximately 20 barrels) of PSH has been recovered from the site by automated systems and by manual recovery methods since project inception.

Generally, PSH monitoring data from 2007 indicates a declining PSH thickness in the affected monitor wells.

The analytical results indicate four monitor wells exhibited concentrations of BTEX above the applicable NMOCD regulatory standard at some time in 2007. BTEX constituent analytical results indicate a decreasing dissolved phase trend at the site in 2007.

ANTICIPATED ACTIONS

Plains respectfully requests NMOCD approval to plug and abandon the following monitor wells:

- Monitor well MW-26 was installed in 2002 and analytical results indicate the monitor well has never been impacted. Cross gradient monitoring (west) is maintained by monitor well MW-20.
- Monitor wells MW-9, MW-14 and MW-29 were installed in 2002 and analytical results indicate these monitor wells have never been impacted. Monitor wells MW-9 and MW-14 have redundant monitor points down gradient at monitor wells MW-33, MW-37, MW-38, MW-31 and MW-30. The plugging and abandonment of monitor well MW-29 still allows for cross gradient (east) monitoring utilizing monitor wells MW-30 MW-8, MW-28 and MW-25.

In February 2008, Plains submitted a *Soil Investigation Work Plan* to the NMOCD; this Work Plan will evaluate the current onsite soil status and any hydrocarbon degradation within the soil. On February 19, 2008, the NMOCD approved the proposed Work Plan, Plains anticipates commencing the activities outlined in the work plan during the 2nd or 3rd quarter of 2008, as scheduling permits. Following the conclusion of Soil Investigation Work Plan activities, Plains will submit a Soil Closure Proposal to address the remaining onsite soil issues.

Quarterly monitoring and groundwater sampling will continue in 2008. Manual PSH recovery and gauging will continue on a bi-weekly schedule and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2009.

LIMITATIONS

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

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

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

DISTRIBUTION

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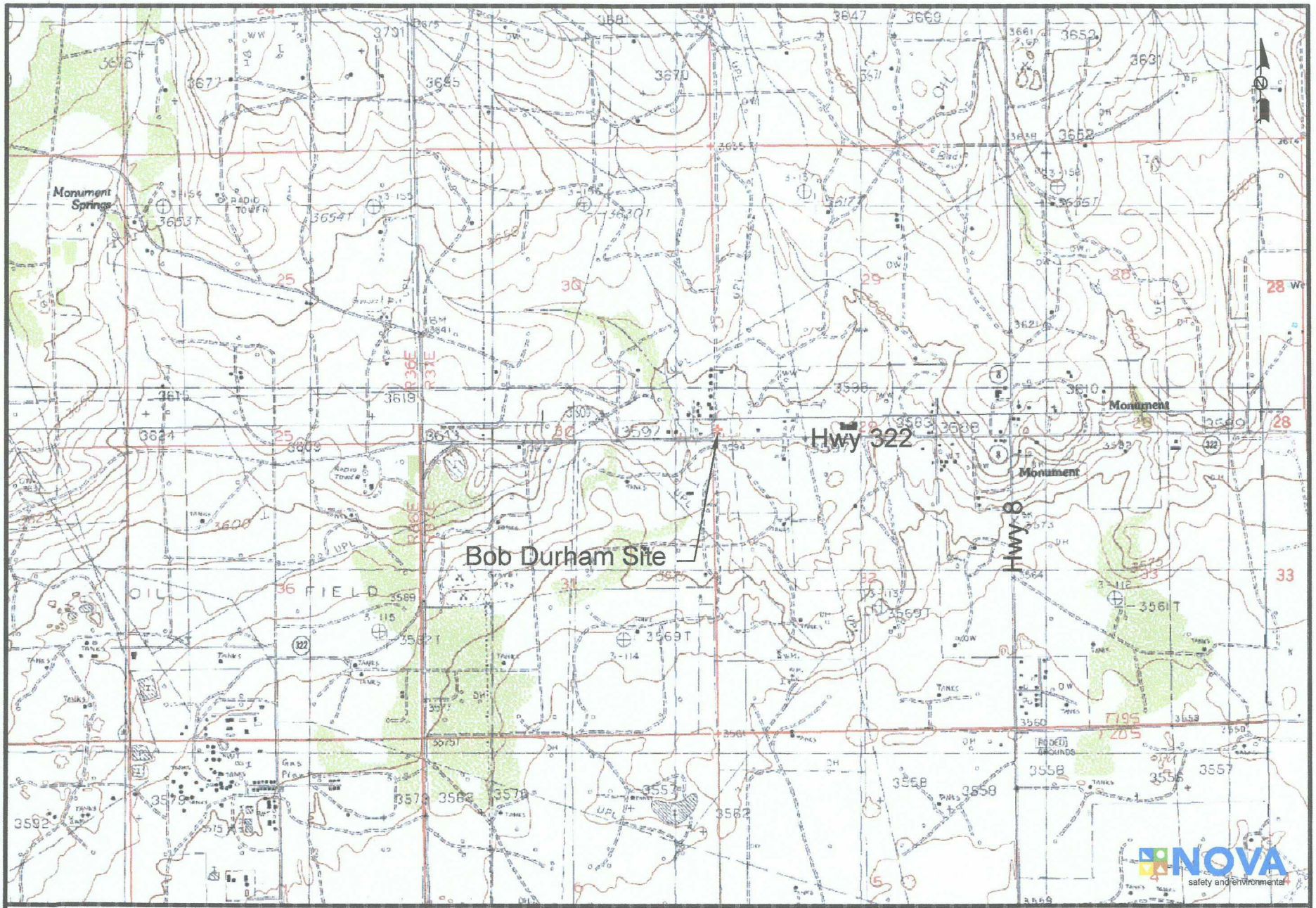
Figures



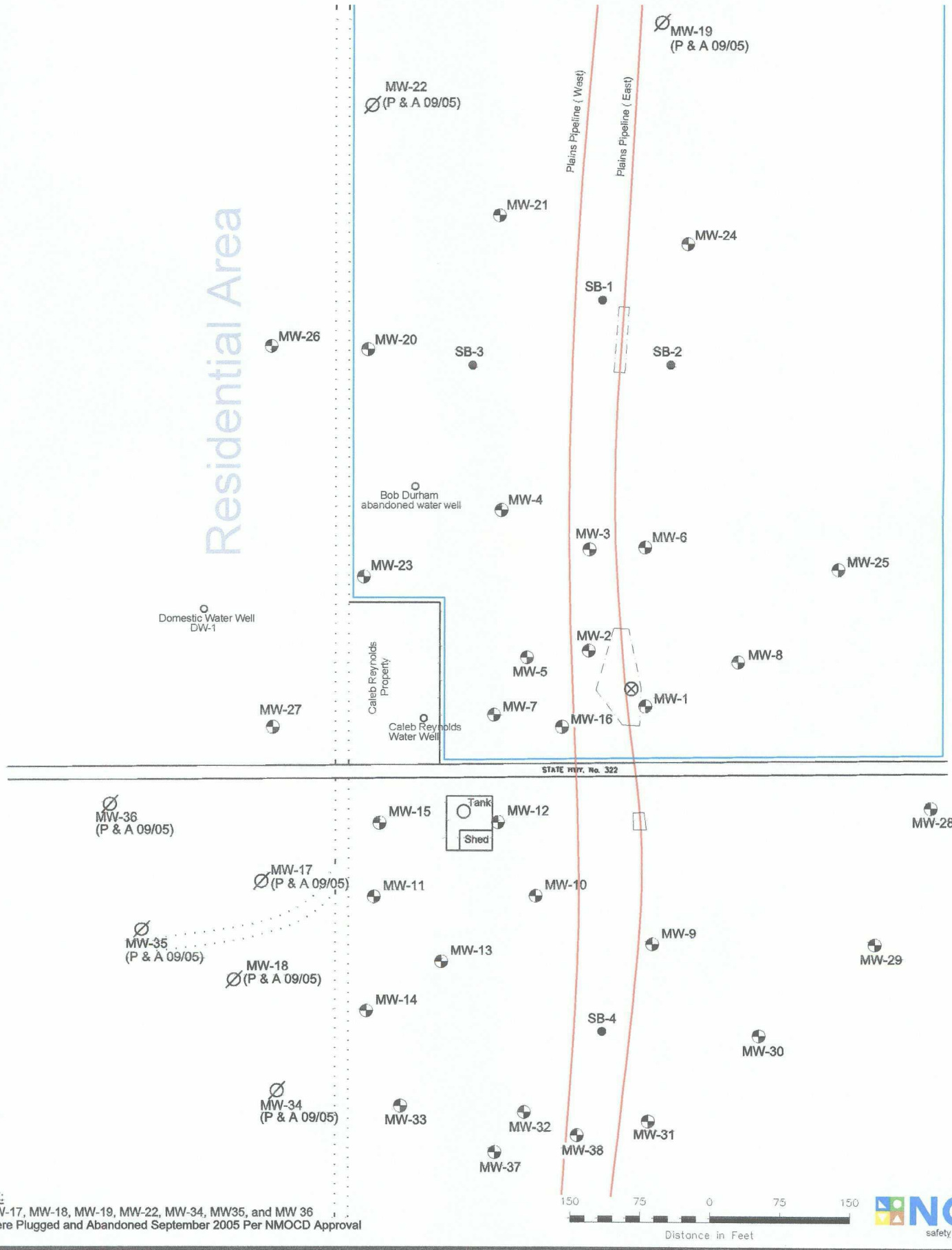
NMOCD Reference # AP-016

Figure 1
Site Location Map

Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E	Lat. 32° 37' 27" Long. 103° 16' 53"
Drawn By: CDS	Prep. By: CDS
February 20, 2005	



NOTE:
MW-17, MW-18, MW-19, MW-22, MW-34, MW35, and MW 36
Were Plugged and Abandoned September 2005 Per NMOCD Approval

LEGEND:

- Soil Boring Locations
- Excavation Areas
- Bob Durham Property Line
- Dirt Road
- Plains Monitor Well Locations
- Release Point

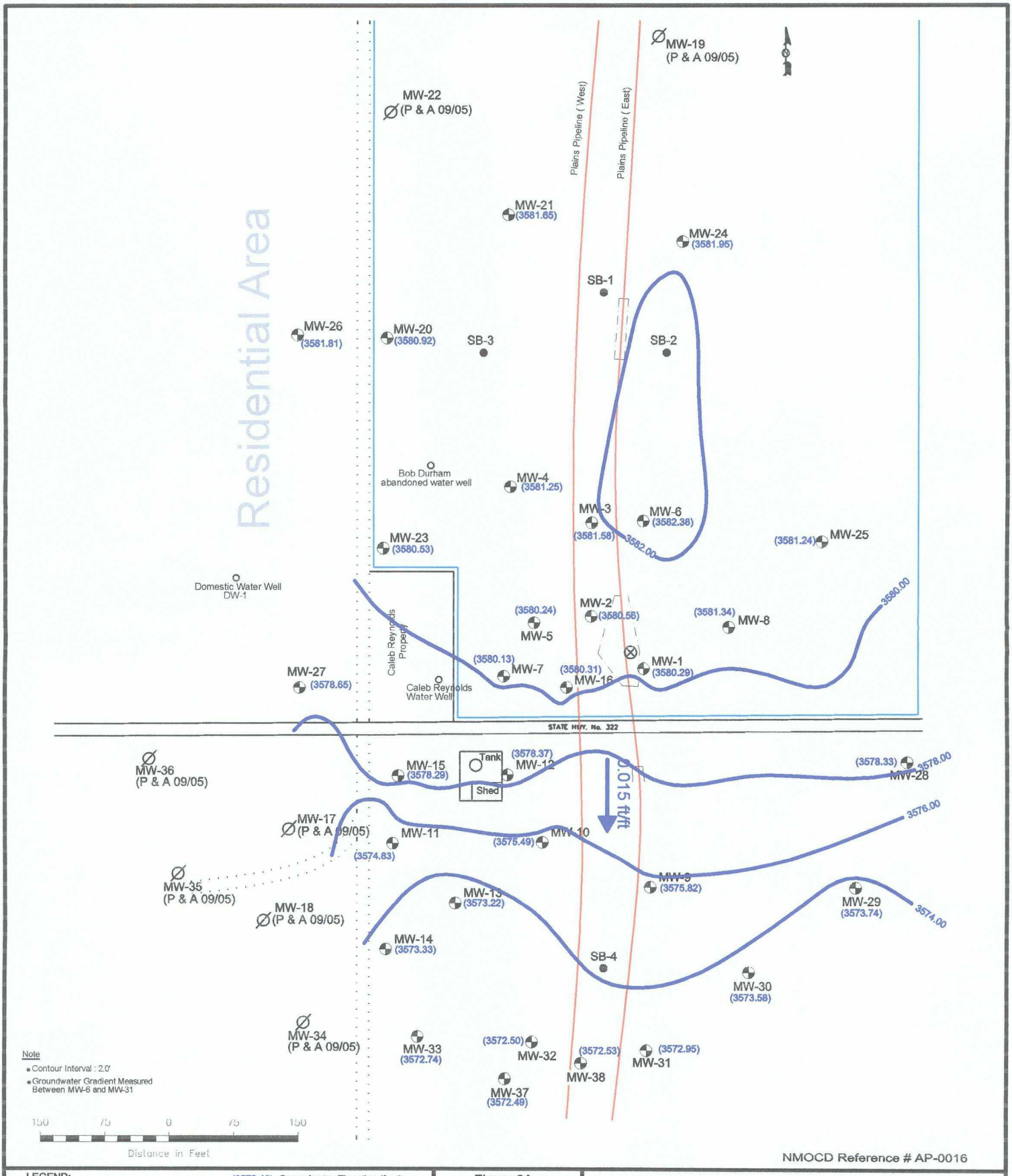
NMOCD Reference # AP-0016

Figure 2
Site Map

Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		Lat. 32° 37' 27" Long. 103° 16' 53"
Scale: 1" = 150'	Drawn By: DPM	Prep. By: CDS
September 21, 2005		



LEGEND:

- Monitor Well Location
- Release Point
- Plains Pipeline L.P.
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3572.48) Groundwater Elevation (feet)
- Road
- Excavation Areas
- Soil Boring Locations
- Bob Durham Property Line

Figure 2A

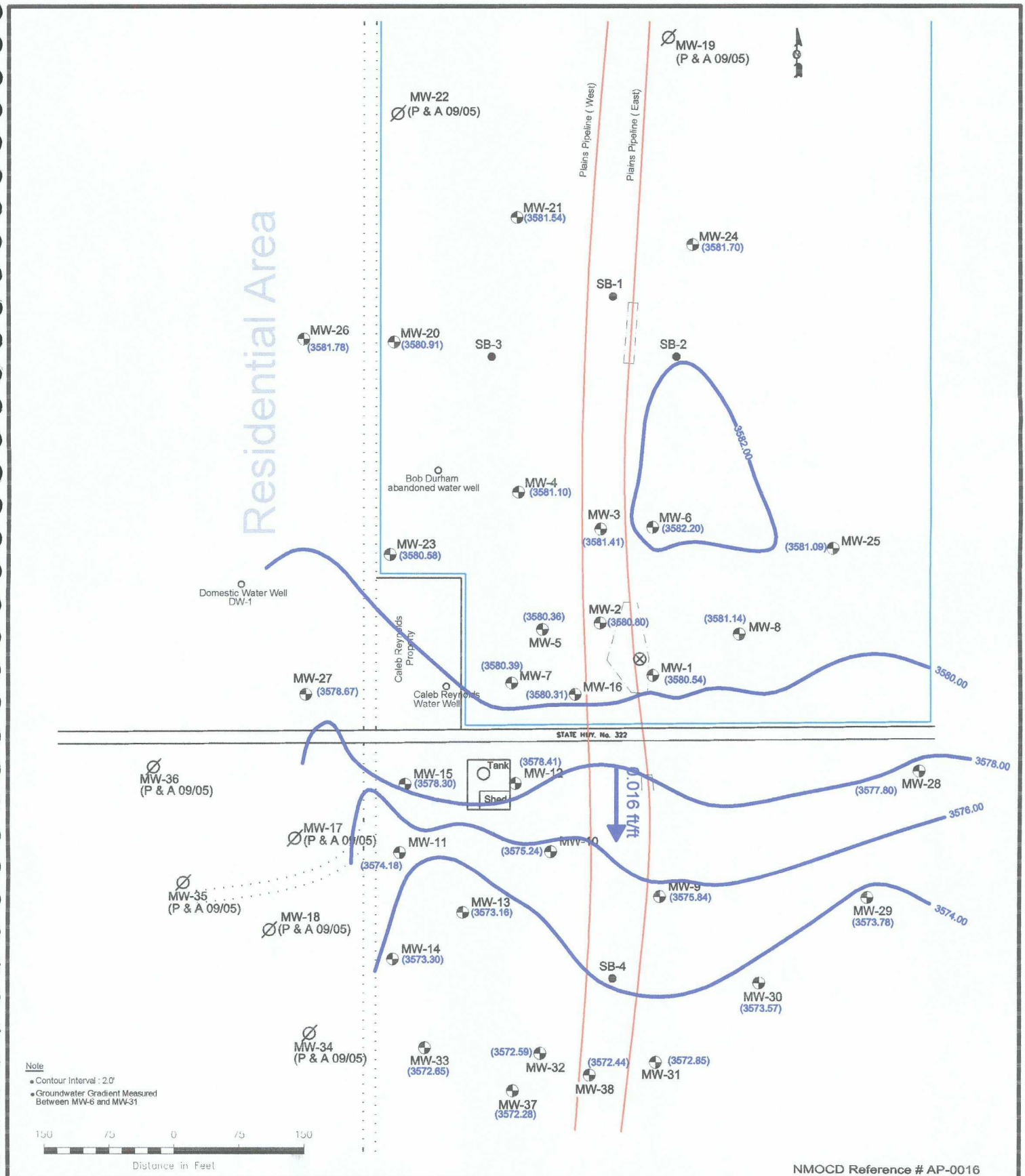
Inferred Groundwater Gradient Map (02/15/07)

Plains Marketing, L.P.

Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
June 26, 2007		



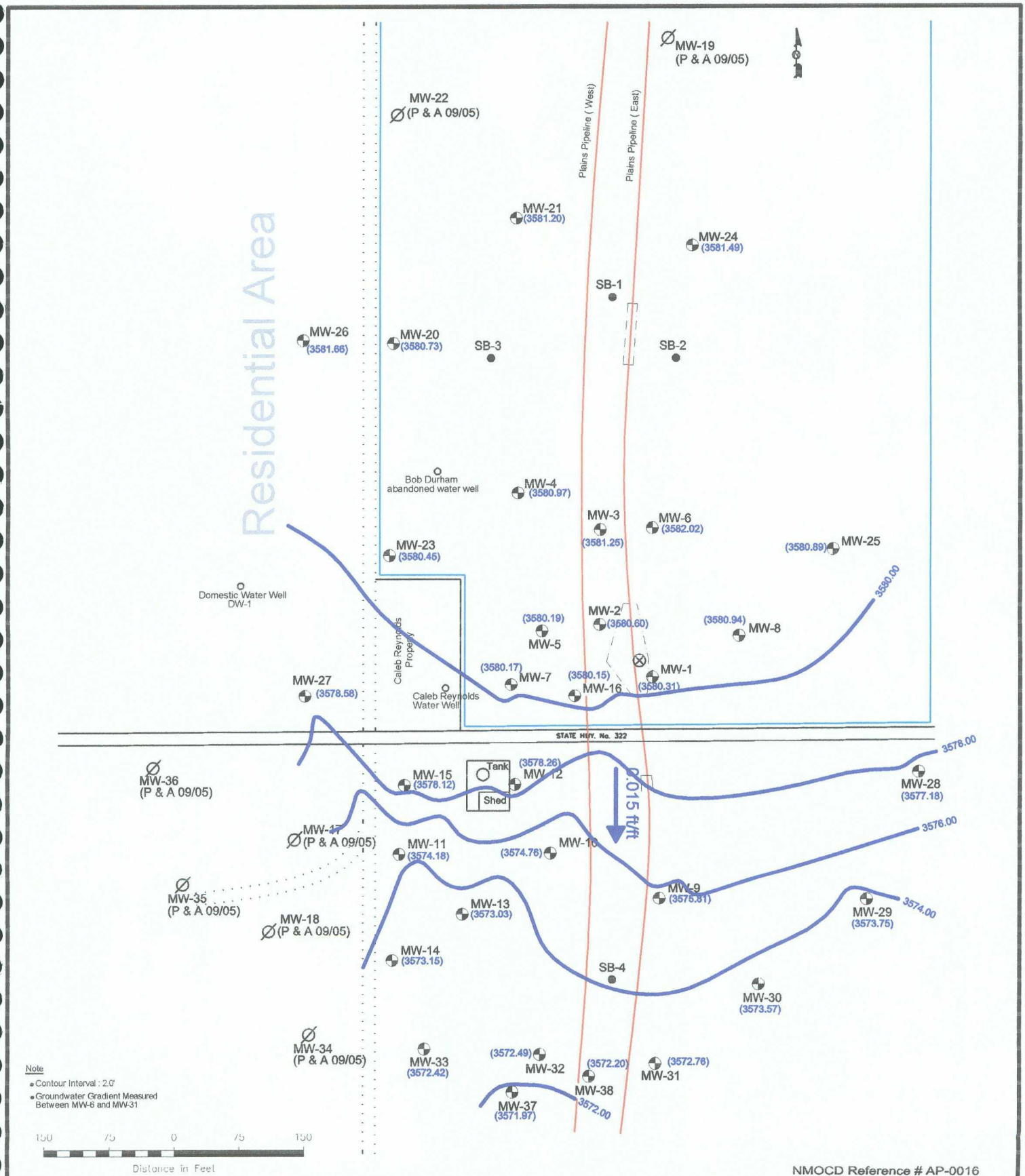
LEGEND:

- Monitor Well Location
- Release Point
- Plains Pipeline L.P.
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3572.48) Groundwater Elevation (feet)
- Road
- Excavation Areas
- Soil Boring Locations
- Bob Durham Property Line

Figure 2B
Inferred Groundwater Gradient Map (05/11/07)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
June 26, 2007		



NMOCD Reference # AP-0016

LEGEND:

- Monitor Well Location
- Release Point
- Plains Pipeline L.P.
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3572.46) Groundwater Elevation (feet)
- Road
- Excavation Areas
- Soil Boring Locations
- Bob Durham Property Line

Figure 2C

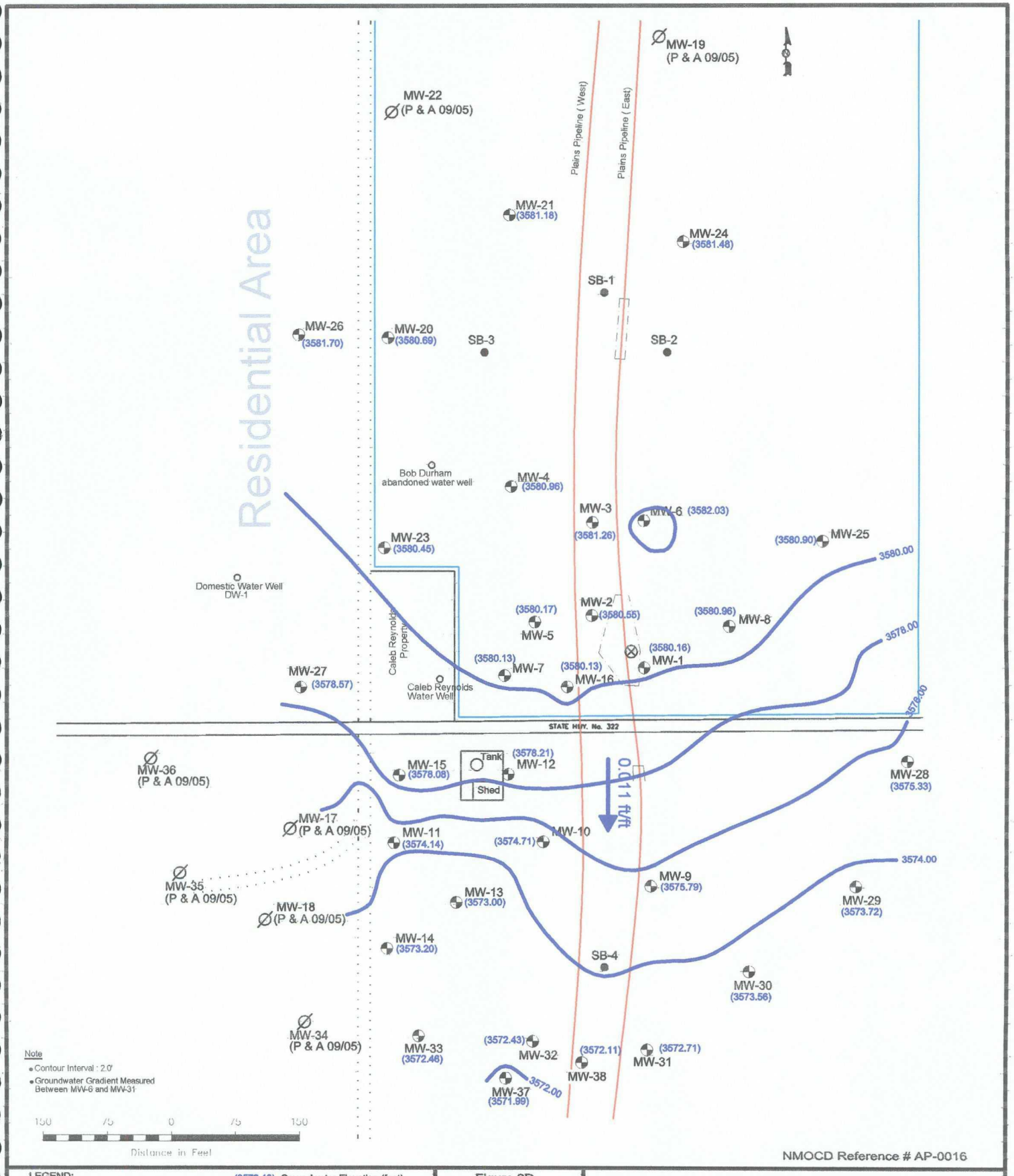
Inferred Groundwater Gradient Map (08/27/07)

Plains Marketing, L.P.

Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
January 30, 2008		



NMOCD Reference # AP-0016

LEGEND:

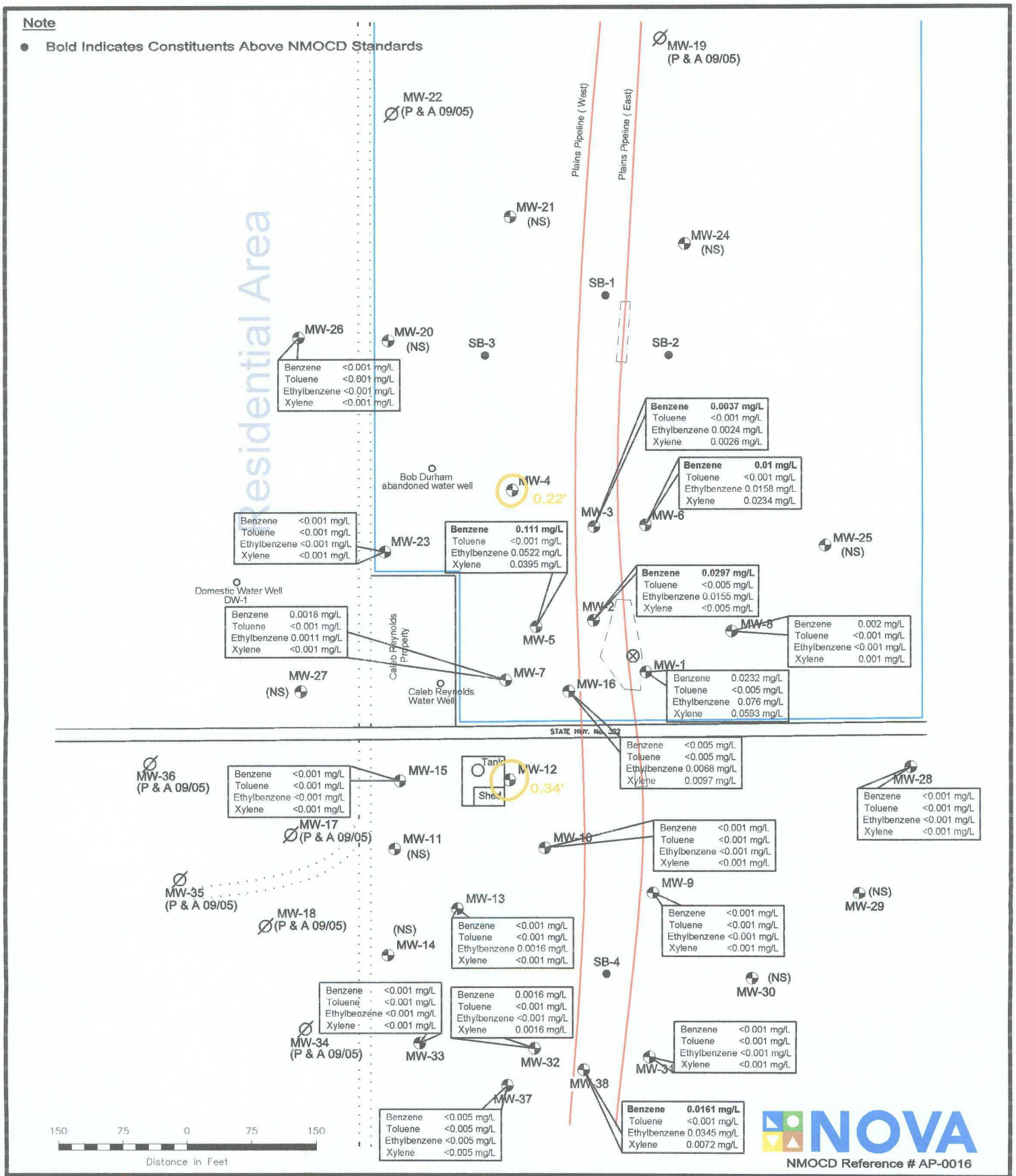
- Monitor Well Location
- Release Point
- Plains Pipeline L.P.
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude
- (3572.46) Groundwater Elevation (feet)
- Road
- Excavation Areas
- Soil Boring Locations
- Bob Durham Property Line

Figure 2D
Inferred Groundwater Gradient Map (11/14/07)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		32° 37' 27"N 103° 16' 53"W
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
March 6, 2008		

NOVA safety and environmental



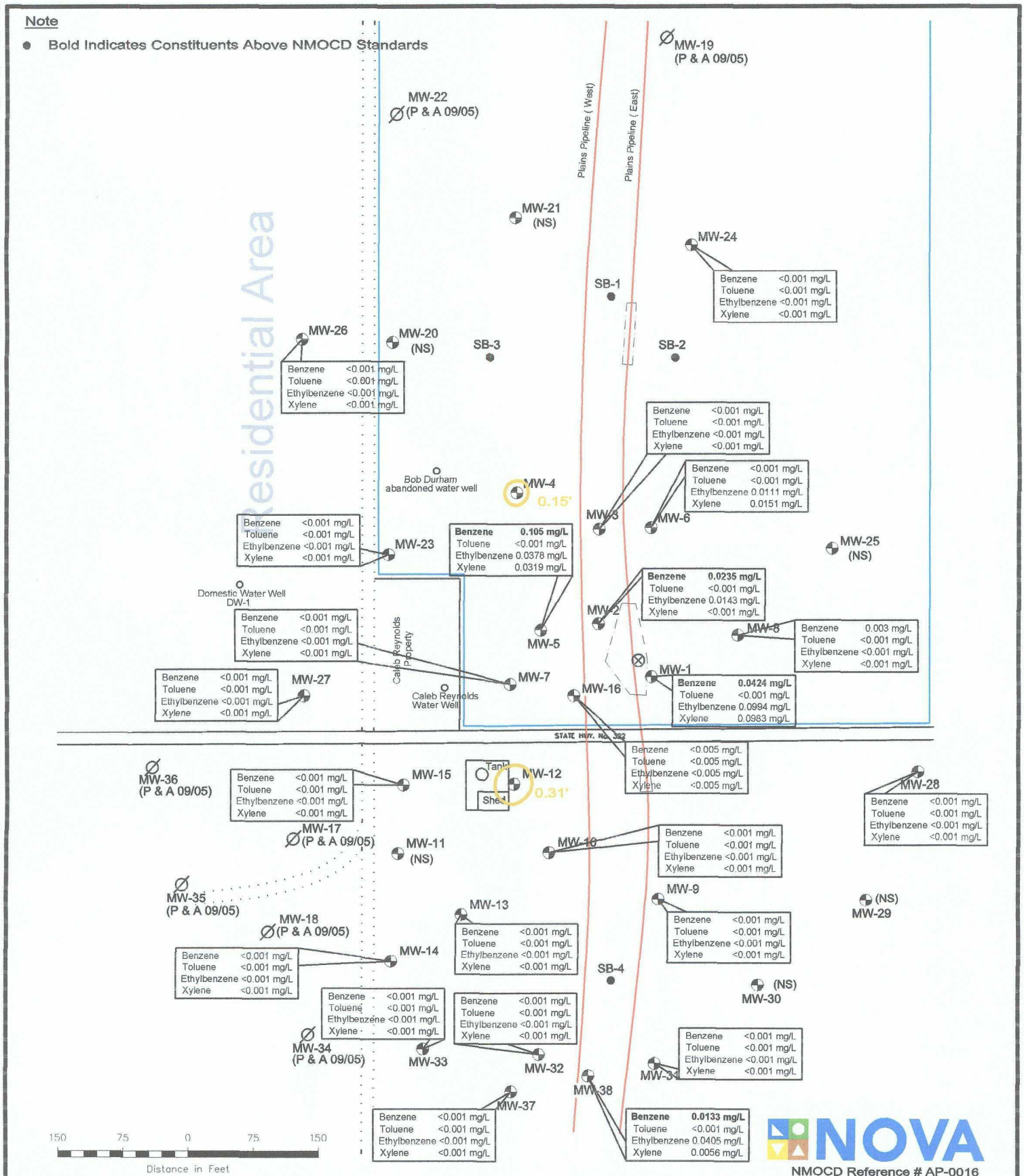
LEGEND:

- Plains Monitoring Well Locations
- Release Point
- NG Not Gauged
- Soil Boring Locations
- Excavation Areas
- Bob Durham Property Line
- Dirt Road
- PSH Extent
- (NS) Not Sampled

Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (02/15-16/07)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		Lat. 32° 37' 27" Long. 103° 16' 53"
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
February 11, 2008		



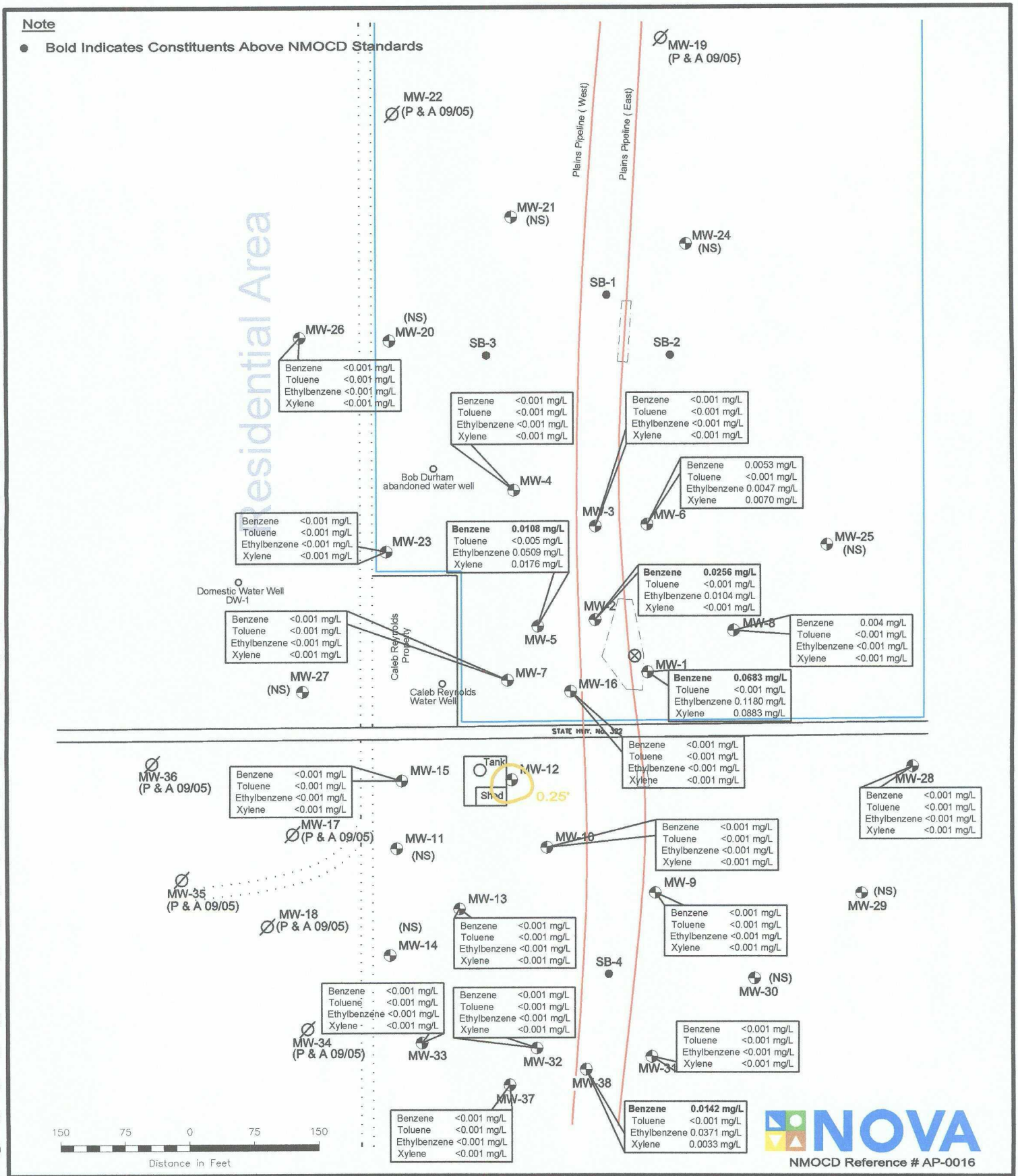
LEGEND:

- Plains Monitoring Well Locations
- Release Point
- NG Not Gauged
- Soil Boring Locations
- Excavation Areas
- Bob Durham Property Line
- Dirt Road
- PSH Extent
- (NS) Not Sampled

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map (05/11/07)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		Lat. 32° 37' 27" Long. 103° 16' 53"
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
February 21, 2008		



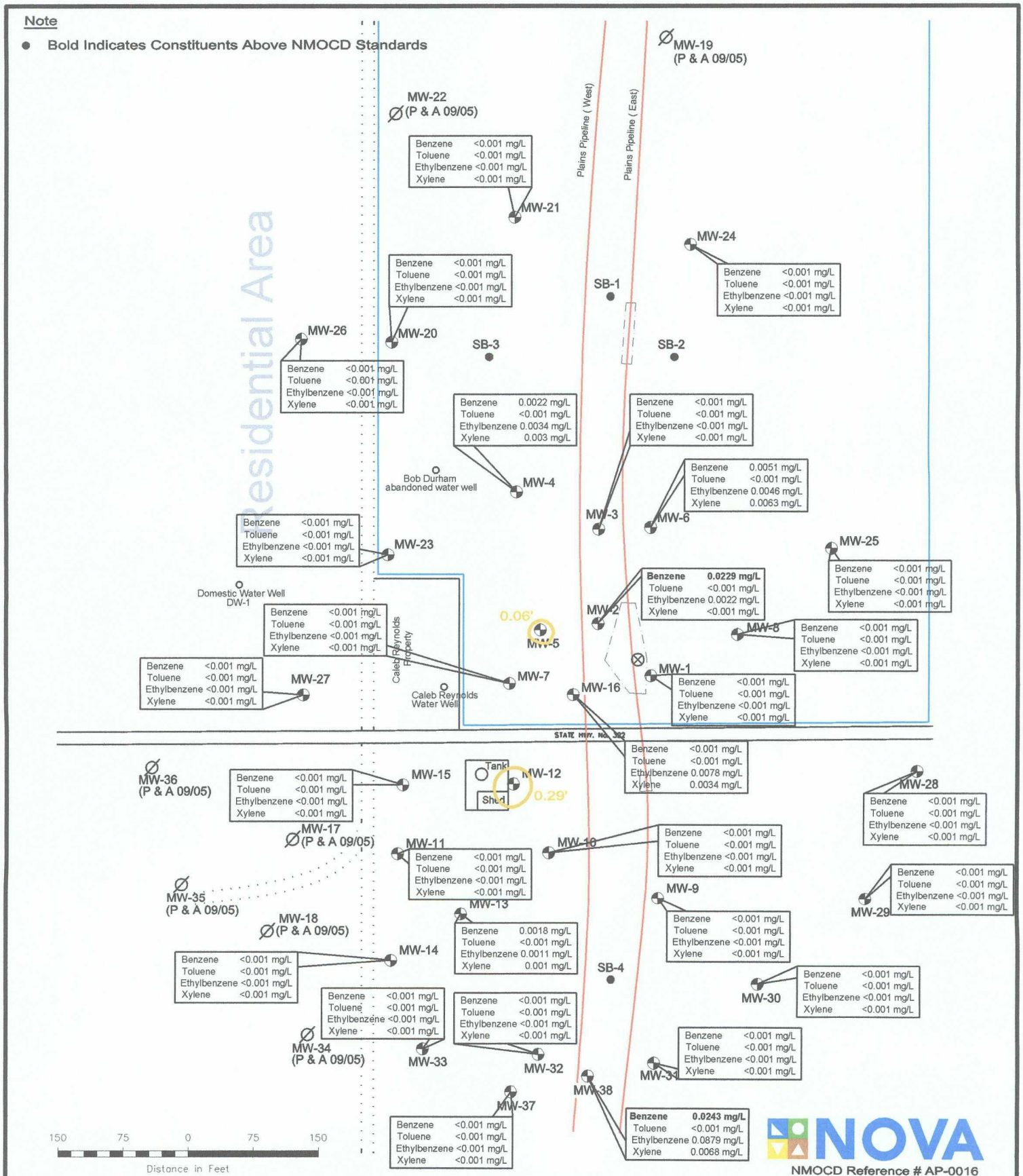
LEGEND:

- Plains Monitoring Well Locations
- Release Point
- NG Not Gauged
- Soil Boring Locations
- Excavation Areas
- Bob Durham Property Line
- Dirt Road
- PSH Extent
- (NS) Not Sampled

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (08/27-28/07)
Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E		Lat. 32° 37' 27" Long. 103° 16' 53"
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
September 25, 2007		



LEGEND:

- Plains Monitoring Well Locations
- Release Point
- NG Not Gauged
- Soil Boring Locations
- Excavation Areas
- Bob Durham Property Line
- Dirt Road
- PSH Extent
- (NS) Not Sampled

Figure 3D
Groundwater Concentration and Inferred PSH Extent Map (11/14/07)

Plains Marketing, L.P.
Bob Durham
Lea County, NM

NOVA Safety and Environmental

NW1/4 NW1/4 Sec 32 T19S R37E	Lat. 32° 37' 27" Long. 103° 16' 53"	
Scale: 1" = 150'	CAD By: DGC	Checked By: CDS
January 25, 2008		

Tables

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-1	01/11/07	3,595.30	sheen	14.60	0.00	3580.70
	01/25/07	3,595.30	sheen	14.63	0.00	3580.67
	02/08/07	3,595.30	sheen	14.67	0.00	3580.63
	02/15/07	3,595.30	sheen	15.01	0.00	3580.29
	03/08/07	3,595.30	sheen	14.82	0.00	3580.48
	03/28/07	3,595.30	sheen	14.99	0.00	3580.31
	04/25/07	3,595.30	sheen	14.93	0.00	3580.37
	05/11/07	3,595.30	sheen	14.76	0.00	3580.54
	07/12/07	3,595.30	-	14.79	0.00	3580.51
	08/27/07	3,595.30	sheen	14.99	0.00	3580.31
	10/03/07	3,595.30	sheen	14.81	0.00	3580.49
	11/14/07	3,595.30	-	15.14	0.00	3580.16
MW-2	01/11/07	3,595.64	sheen	14.57	0.00	3581.07
	01/25/07	3,595.64	sheen	14.67	0.00	3580.97
	02/08/07	3,595.64	sheen	14.79	0.00	3580.85
	02/15/07	3,595.64	sheen	15.08	0.00	3580.56
	03/08/07	3,595.64	sheen	14.82	0.00	3580.82
	03/28/07	3,595.64	sheen	14.85	0.00	3580.79
	04/25/07	3,595.64	sheen	14.90	0.00	3580.74
	05/11/07	3,595.64	sheen	14.84	0.00	3580.80
	07/12/07	3,595.64	-	15.00	0.00	3580.64
	08/27/07	3,595.64	sheen	15.04	0.00	3580.60
	10/03/07	3,595.64	sheen	15.02	0.00	3580.62
	11/14/07	3,595.64	-	15.09	0.00	3580.55
MW-3	*02/15/07*	3,596.22	-	14.64	0.00	3581.58
	05/11/07	3,596.22	-	14.81	0.00	3581.41
	08/27/07	3,596.22	-	14.97	0.00	3581.25
	11/14/07	3,596.22	-	14.96	0.00	3581.26
MW-4	01/11/07	3,596.60	15.01	15.11	0.10	3581.58
	01/25/07	3,596.60	15.13	15.38	0.25	3581.43
	02/08/07	3,596.60	15.33	15.67	0.34	3581.22
	02/15/07	3,596.60	15.32	15.54	0.22	3581.25
	03/08/07	3,596.60	15.40	15.46	0.06	3581.19
	03/28/07	3,596.60	14.41	14.50	0.09	3582.18
	04/25/07	3,596.60	15.49	15.53	0.04	3581.10
	05/04/07	3,596.60	15.45	15.46	0.01	3581.15
	05/11/07	3,596.60	15.48	15.63	0.15	3581.10
	06/14/07	3,596.60	15.52	15.57	0.05	3581.07
	07/12/07	3,596.60	-	15.62	0.00	3580.98
	08/27/07	3,596.60	sheen	15.63	0.00	3580.97
	09/18/07	3,596.60	sheen	15.71	0.00	3580.89
	10/03/07	3,596.60	sheen	15.62	0.00	3580.98
	10/17/07	3,596.60	sheen	15.61	0.00	3580.99
	11/14/07	3,596.60	sheen	15.64	0.00	3580.96
MW-5	01/11/07	3,596.56	sheen	15.87	0.00	3580.69
	01/25/07	3,596.56	sheen	15.94	0.00	3580.62
	02/15/07	3,596.56	sheen	16.32	0.00	3580.24
	05/11/07	3,596.56	sheen	16.20	0.00	3580.36
	08/27/07	3,596.56	-	16.37	0.00	3580.19
	11/14/07	3,596.56	16.38	16.44	0.06	3580.17

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-6	01/11/07	3,596.66	sheen	13.92	0.00	3582.74
	01/25/07	3,596.66	sheen	14.04	0.00	3582.62
	02/15/07	3,596.66	-	14.28	0.00	3582.38
	05/11/07	3,596.66	-	14.46	0.00	3582.20
	08/27/07	3,596.66	-	14.64	0.00	3582.02
	11/14/07	3,596.66	-	14.63	0.00	3582.03
MW-7	01/11/07	3,596.96	sheen	16.21	0.00	3580.75
	01/25/07	3,596.96	sheen	15.55	0.00	3581.41
	02/15/07	3,596.96	sheen	16.83	0.00	3580.13
	05/11/07	3,596.96	sheen	16.57	0.00	3580.39
	08/27/07	3,596.96	-	16.79	0.00	3580.17
	11/14/07	3,596.96	-	16.83	0.00	3580.13
MW-8	01/11/07	3,597.35	sheen	15.62	0.00	3581.73
	01/25/07	3,597.35	sheen	15.83	0.00	3581.52
	02/15/07	3,597.35	-	16.01	0.00	3581.34
	05/11/07	3,597.35	-	16.21	0.00	3581.14
	08/27/07	3,597.35	-	16.41	0.00	3580.94
	11/14/07	3,597.35	-	16.39	0.00	3580.96
MW-9	*02/15/07*	3,593.95	-	18.13	0.00	3575.82
	05/11/07	3,593.95	-	18.11	0.00	3575.84
	08/27/07	3,593.95	-	18.14	0.00	3575.81
	11/14/07	3,593.95	-	18.16	0.00	3575.79
MW-10	*02/15/07*	3,594.57	-	19.08	0.00	3575.49
	05/11/07	3,594.57	-	19.33	0.00	3575.24
	08/27/07	3,594.57	-	19.81	0.00	3574.76
	11/14/07	3,594.57	-	19.86	0.00	3574.71
MW-11	*02/15/07*	3,593.77	-	18.94	0.00	3574.83
	05/11/07	3,593.77	-	19.59	0.00	3574.18
	08/27/07	3,593.77	-	19.59	0.00	3574.18
	11/14/07	3,593.77	-	19.63	0.00	3574.14
MW-12	01/11/07	3,596.39	17.75	18.08	0.33	3578.59
	01/25/07	3,596.39	17.79	18.07	0.28	3578.56
	02/08/07	3,596.39	17.90	18.13	0.23	3578.46
	02/15/07	3,596.39	17.97	18.31	0.34	3578.37
	03/08/07	3,596.39	17.91	18.11	0.20	3578.45
	03/28/07	3,596.39	17.90	18.11	0.21	3578.46
	04/25/07	3,596.39	17.96	18.16	0.20	3578.40
	05/04/07	3,596.39	17.89	18.05	0.16	3578.48
	05/11/07	3,596.39	17.93	18.24	0.31	3578.41
	06/14/07	3,596.39	17.91	18.16	0.25	3578.44
	07/12/07	3,596.39	17.98	18.18	0.20	3578.38
	08/27/07	3,596.39	18.09	18.34	0.25	3578.26
	09/18/07	3,596.39	18.16	18.41	0.25	3578.19
	10/03/07	3,596.39	18.12	18.41	0.29	3578.23
	10/17/07	3,596.39	18.11	18.30	0.19	3578.25
	11/14/07	3,596.39	18.14	18.43	0.29	3578.21
MW-13	01/11/07	3,592.71	sheen	19.35	0.00	3573.36
	01/25/07	3,592.71	sheen	19.41	0.00	3573.30

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-13	*02/15/07*	3,592.71	-	19.49	0.00	3573.22
	05/11/07	3,592.71	-	19.55	0.00	3573.16
	08/27/07	3,592.71	-	19.68	0.00	3573.03
	11/14/07	3,592.71	-	19.71	0.00	3573.00
MW-14	*02/15/07*	3,592.73	-	19.40	0.00	3573.33
	05/11/07	3,592.73	-	19.43	0.00	3573.30
	08/27/07	3,592.73	-	19.58	0.00	3573.15
	11/14/07	3,592.73	-	19.53	0.00	3573.20
MW-15	*02/15/07*	3,595.93	-	17.64	0.00	3578.29
	05/11/07	3,595.93	-	17.63	0.00	3578.30
	08/27/07	3,595.93	-	17.81	0.00	3578.12
	11/14/07	3,595.93	-	17.85	0.00	3578.08
MW-16	01/11/07	3,595.75	sheen	15.22	0.00	3580.53
	01/25/07	3,595.75	sheen	15.29	0.00	3580.46
	02/15/07	3,595.75	-	15.44	0.00	3580.31
	05/11/07	3,595.75	sheen	15.44	0.00	3580.31
	08/27/07	3,595.75	-	15.60	0.00	3580.15
	11/14/07	3,595.75	sheen	15.62	0.00	3580.13
MW-20	*02/15/07*	3,597.64	-	16.72	0.00	3580.92
	05/11/07	3,597.64	-	16.73	0.00	3580.91
	08/27/07	3,597.64	-	16.91	0.00	3580.73
	11/14/07	3,597.64	-	16.95	0.00	3580.69
MW-21	*02/15/07*	3,596.88	-	15.23	0.00	3581.65
	05/11/07	3,596.88	-	15.34	0.00	3581.54
	08/27/07	3,596.88	-	15.68	0.00	3581.20
	11/14/07	3,596.88	-	15.70	0.00	3581.18
MW - 23	*02/15/07*	3,598.07	-	17.54	0.00	3580.53
	05/11/07	3,598.07	-	17.49	0.00	3580.58
	08/27/07	3,598.07	-	17.62	0.00	3580.45
	11/14/07	3,598.07	-	17.62	0.00	3580.45
MW-24	*02/15/07*	3,598.01	-	16.06	0.00	3581.95
	05/11/07	3,598.01	-	16.31	0.00	3581.70
	08/27/07	3,598.01	-	16.52	0.00	3581.49
	11/14/07	3,598.01	-	16.53	0.00	3581.48
MW-25	*02/15/07*	3,599.25	-	18.01	0.00	3581.24
	05/14/07	3,599.25	-	18.16	0.00	3581.09
	08/27/07	3,599.25	-	18.36	0.00	3580.89
	11/14/07	3,599.25	-	18.35	0.00	3580.90
MW-26	*02/15/07*	3,596.26	-	14.45	0.00	3581.81
	05/11/07	3,596.26	-	14.48	0.00	3581.78
	08/27/07	3,596.26	-	14.60	0.00	3581.66
	11/14/07	3,596.26	-	14.56	0.00	3581.70
MW-27	*02/15/07*	3,592.64	-	13.99	0.00	3578.65
	05/11/07	3,592.64	-	13.97	0.00	3578.67
	08/27/07	3,592.64	-	14.06	0.00	3578.58

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-27	*11/14/07*	3,592.64	-	14.07	0.00	3578.57
MW-28	*02/15/07*	3,598.02	-	19.69	0.00	3578.33
	05/11/07	3,598.02	-	20.22	0.00	3577.80
	08/27/07	3,598.02	-	20.84	0.00	3577.18
	11/14/07	3,598.02	-	22.69	0.00	3575.33
MW-29	*02/15/07*	3,595.29	-	21.55	0.00	3573.74
	05/11/07	3,595.29	-	21.51	0.00	3573.78
	08/27/07	3,595.29	-	21.54	0.00	3573.75
	11/14/07	3,595.29	-	21.57	0.00	3573.72
MW-30	*02/15/07*	3,595.74	-	22.16	0.00	3573.58
	05/11/07	3,595.74	-	22.17	0.00	3573.57
	08/27/07	3,595.74	-	22.17	0.00	3573.57
	11/14/07	3,595.74	-	22.18	0.00	3573.56
MW-31	*02/15/07*	3,593.77	-	20.82	0.00	3572.95
	05/11/07	3,593.77	-	20.92	0.00	3572.85
	08/27/07	3,593.77	-	21.01	0.00	3572.76
	11/14/07	3,593.77	-	21.06	0.00	3572.71
MW-32	01/11/07	3,592.11	sheen	19.40	0.00	3572.71
	01/25/07	3,592.11	sheen	19.43	0.00	3572.68
	02/15/07	3,592.11	-	19.61	0.00	3572.50
	05/11/07	3,592.11	-	19.52	0.00	3572.59
	08/27/07	3,592.11	-	19.62	0.00	3572.49
	11/14/07	3,592.11	-	19.68	0.00	3572.43
MW-33	*02/15/07*	3,592.55	-	19.81	0.00	3572.74
	05/11/07	3,592.55	-	19.90	0.00	3572.65
	08/27/07	3,592.55	-	20.13	0.00	3572.42
	11/14/07	3,592.55	-	20.09	0.00	3572.46
MW-37	*02/15/07*	3,592.00	-	19.51	0.00	3572.49
	05/11/07	3,592.00	-	19.72	0.00	3572.28
	08/27/07	3,592.00	-	20.03	0.00	3571.97
	11/14/07	3,592.00	-	20.01	0.00	3571.99
MW-38	01/11/07	3,592.14	sheen	19.55	0.00	3572.59
	01/25/07	3,592.14	sheen	19.52	0.00	3572.62
	02/08/07	3,592.14	sheen	19.59	0.00	3572.55
	02/15/07	3,592.14	sheen	19.61	0.00	3572.53
	03/08/07	3,592.14	sheen	20.69	0.00	3571.45
	03/28/07	3,592.14	sheen	19.65	0.00	3572.49
	05/11/07	3,592.14	sheen	19.70	0.00	3572.44
	07/12/07	3,592.14	-	19.86	0.00	3572.28
	08/27/07	3,592.14	-	19.94	0.00	3572.20
	11/14/07	3,592.14	-	20.03	0.00	3572.11

Elevations based on North American Verticam Datum of 1929.

TABLE 2

2007 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

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 LIMIT		0.01	0.75	0.75	0.62	
MW-1	02/15/07	**0.0232**	<0.005	0.0760	0.0593	
	05/12/07	**0.0424**	<0.001	0.0994	0.0983	
	08/28/07	**0.0683**	<0.001	0.1180	0.0883	
	11/15/07	<0.001	<0.001	<0.001	<0.001	
MW-2	02/16/07	**0.0297**	<0.005	0.0155	<0.005	
	05/12/07	**0.0235**	<0.001	0.0143	<0.001	
	08/28/07	**0.0256**	<0.001	0.010	<0.001	
	11/15/07	**0.0229**	<0.001	0.0022	<0.001	
MW-3	02/15/07	0.0037	<0.001	0.0024	0.0026	
	05/12/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-4	02/15/07	Not Sampled Due to PSH in Well				
	05/12/07	Not Sampled Due to PSH in Well				
	08/28/07	<0.001	<0.001	<0.001	<0.001	
	11/15/07	0.0022	<0.001	0.0034	0.003	
MW-5	02/15/07	**0.1110**	<0.001	0.0522	0.0395	
	05/12/07	**0.1050**	<0.001	0.0378	0.0319	
	08/28/07	**0.1080**	<0.005	0.0509	0.0176	
	11/15/07	Not Sampled Due to PSH in Well				
MW-6	02/15/07	0.0100	<0.001	0.0158	0.0234	
	05/12/07	<0.001	<0.001	0.0111	0.0151	
	08/28/07	0.0053	<0.001	0.0047	0.0070	
	11/14/07	0.0051	<0.001	0.0046	0.0063	
MW-7	02/15/07	0.0018	<0.001	0.0011	<0.001	
	05/12/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-8	02/15/07	0.0020	<0.001	<0.001	0.0010	
	05/12/07	0.003	<0.001	<0.001	<0.001	
	08/28/07	0.004	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-9	02/15/07	<0.001	<0.001	<0.001	<0.001	
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-10	02/15/07	<0.001	<0.001	<0.001	<0.001	
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-11	02/15/07	Not Sampled on Current Sample Schedule				
	05/11/07	Not Sampled on Current Sample Schedule				

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2007 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

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 LIMIT		0.01	0.75	0.75	0.62	
MW-11	08/27/07	Not Sampled on Current Sample Schedule				
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-12	02/15/07	Not Sampled Due to PSH in Well				
	05/11/07	Not Sampled Due to PSH in Well				
	08/27/07	Not Sampled Due to PSH in Well				
	11/14/07	Not Sampled Due to PSH in Well				
MW-13	02/15/07	<0.001	<0.001	0.0016	<0.001	
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	0.0018	<0.001	0.0011	0.001	
MW-14	02/15/07	Not Sampled on Current Sample Schedule				
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	Not Sampled on Current Sample Schedule				
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-15	02/15/07	<0.001	<0.001	<0.001	<0.001	
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-16	02/16/07	<0.005	<0.005	0.0068	0.0097	
	05/12/07	<0.005	<0.005	<0.005	<0.005	
	08/28/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	0.0078	0.0034	
MW-20	02/16/07	Not Sampled on Current Sample Schedule				
	05/12/07	Not Sampled on Current Sample Schedule				
	08/28/07	Not Sampled on Current Sample Schedule				
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-21	02/16/07	Not Sampled on Current Sample Schedule				
	05/12/07	Not Sampled on Current Sample Schedule				
	08/28/07	Not Sampled on Current Sample Schedule				
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-23	02/15/07	<0.001	<0.001	<0.001	<0.001	
	05/12/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-24	02/15/07	Not Sampled on Current Sample Schedule				
	05/12/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	Not Sampled on Current Sample Schedule				
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-25	02/15/07	Not Sampled on Current Sample Schedule				
	05/12/07	Not Sampled on Current Sample Schedule				
	08/27/07	Not Sampled on Current Sample Schedule				
	11/14/07	<0.001	<0.001	<0.001	<0.001	

TABLE 2

2007 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
BOB DURHAM
MONUMENT, NEW MEXICO
NMOCD REFERENCE NUMBER AP-0016

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 LIMIT		0.01	0.75	0.75	0.62	
MW-26	02/16/07	<0.001	<0.001	<0.001	<0.001	
	05/12/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-27	02/16/07	Not Sampled on Current Sample Schedule				
	05/12/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	Not Sampled on Current Sample Schedule				
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-28	02/16/07	<0.001	<0.001	<0.001	<0.001	
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-29	02/16/07	Not Sampled on Current Sample Schedule				
	05/11/07	Not Sampled on Current Sample Schedule				
	08/27/07	Not Sampled on Current Sample Schedule				
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-30	02/16/07	Not Sampled on Current Sample Schedule				
	05/11/07	Not Sampled on Current Sample Schedule				
	08/27/07	Not Sampled on Current Sample Schedule				
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-31	02/16/07	<0.001	<0.001	<0.001	<0.001	
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-32	02/16/07	0.0016	<0.001	<0.001	0.0016	
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-33	02/16/07	<0.001	<0.001	<0.001	<0.001	
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-37	02/16/07	<0.005	<0.005	<0.005	<0.005	
	05/11/07	<0.001	<0.001	<0.001	<0.001	
	08/27/07	<0.001	<0.001	<0.001	<0.001	
	11/14/07	<0.001	<0.001	<0.001	<0.001	
MW-38	02/16/07	**0.0161**	<0.001	0.0345	0.0072	
	05/11/07	**0.0133**	<0.001	0.0405	0.0056	
	08/28/07	**0.0142**	<0.001	0.0371	0.0033	
	11/15/07	**0.0243**	<0.001	0.0879	0.0068	

Note: EB-1 denotes an equipment blank collected on sampling date.