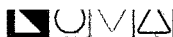


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REPORTS

DATE:

2006



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Report
2006

**2006
ANNUAL MONITORING REPORT**

RED BYRD #1

SE ¼ NE ¼, SECTION 1, TOWNSHIP 20 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO
PLAINS EMS NUMBER: TNM RED BYRD #1
NMOCD REFERENCE NUMBER 1R-0085

PREPARED FOR:

PLAINS MARKETING, L.P.

333 Clay Street, Suite 1600
Houston, Texas 77002

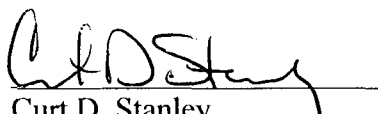


PREPARED BY:

NOVA Safety and Environmental

2057 Commerce Street
Midland, Texas 79703

March 2007


Curt D. Stanley
Project Manager

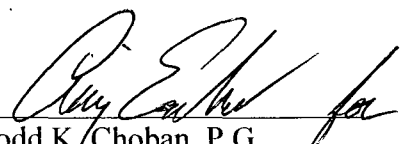

Todd K. Choban, P.G.
Vice President Technical Services

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ENCLOSED ON DATA DISK

2006 Annual Monitoring Report

2006 Tables 1, 2 and 3

2006 Figures 1, 2A-2D, 3A-3D

Boring Log and Monitor Well Details

Electronic Copies of Laboratory Reports

Historic Groundwater Elevation Data Tables

Historic BTEX Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA, having previously been managed by Environmental Technology Group, Inc (ETGI). The Red Byrd #1 site, which was formally the responsibility of Texas New Mexico Pipeline Company (TNM), is now the responsibility of Plains. The Release Notification and Corrective Action (Form C-141) is provided as Appendix B. This report is intended to be viewed as a complete document with text, figures, tables and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2006 only. However, historic data tables as well as 2006 laboratory analytical reports are provided on the enclosed data disk. A site location map is provided as Figure 1.

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

SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately four miles southwest of the town of Monument, New Mexico in the SE 1/4 of the NE 1/4 of Section 1, Township 20 South, Range 36 East. Evidence of a historical release was brought to the attention of Link Energy (formerly Enron Oil Trading and Transportation (EOTT) who acquired the pipeline from TNM in 1999), by Mr. Red Byrd in January 2000.

Approximately 8,900 cubic yards of impacted soil was excavated, shredded and blended with nutrients. Approximately 3,700 cubic yards of the impacted soil was transported to Plains Lea Station to be used as berm material. Upon completion of excavation activities, confirmation soil samples were collected from the excavation and stockpiles. Review of analytical results indicated soil samples collected from the excavation to be below NMOCD regulatory standards. The excavation was backfilled with the blended soil and approximately 3,500 cubic yards of topsoil was transported onsite and the area was contoured to topographic grade.

Groundwater monitoring and gauging is conducted monthly at site. Approximately 376 gallons (8 barrels) of PSH has been recovered by manual recovery since project inception. All wells are currently sampled on a quarterly schedule.

On March 8 through 10, 2006, NOVA directed the installation of six (6) additional monitor wells (MW-13 through MW-18) and the advancement of one (1) soil boring. The monitor wells were installed to delineate the horizontal extent of groundwater impact at the site. Analytical results of the soil samples collected during the installation of the monitor wells and the advancement of the soil boring, during the 2006 reporting period are provided in Table 3, Concentrations of TPH and BTEX in Soil. Boring logs and monitor well details are provided in Appendix A.

In the fall of 2006, monitor well MW-2 was damaged and could no longer be gauged or sampled. On November 9, 2006, monitor well MW-2 was plugged and abandoned with NMOCD approval and following New Mexico Office of the State Engineer guidelines.

Currently, a total of 17 monitor wells are located on site.

FIELD ACTIVITIES

A measurable thickness of PSH (0.01 feet) was detected in monitor wells MW-3 and MW-5 during the 1st quarter 2006 sampling event. Monitor wells MW-1 through MW-5 exhibited a hydrocarbon sheen throughout the 1st and 2nd quarters of the 2006 reporting period. Monitor well MW-12 exhibited a sheen during the 4th quarter 2006 reporting period. No measurable PSH was recovered from the Red Byrd #1 release site during the 2006 reporting period.

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 confirmed by NMOCD correspondence dated June 22, 2005.

NMOCD APPROVED SAMPLING SCHEDULE					
Location	Schedule	Location	Schedule	Location	Schedule
MW-1	Quarterly	MW-7	Quarterly	MW-13	Quarterly
MW-2	P&A 11/9/06	MW-8	Quarterly	MW-14	Quarterly
MW-3	Quarterly	MW-9	Quarterly	MW-15	Quarterly
MW-4	Quarterly	MW-10	Quarterly	MW-16	Quarterly
MW-5	Quarterly	MW-11	Quarterly	MW-17	Quarterly
MW-6	Quarterly	MW-12	Quarterly	MW-18	Quarterly

The site monitor wells were gauged and sampled on March 17, June 13, September 6 and November 15, 2006. During each sampling event, sampled monitor wells were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Key Energy, Lovington, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730).

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four (4) quarterly monitoring events, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2006 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.004 feet/foot to the south-southeast as measured between monitor well MW-1 and MW-9. This is consistent with data presented from earlier in the year. The corrected groundwater elevation has ranged between 3533.12 and 3536.36 feet above mean sea level, in monitor wells MW-15 on September 6, 2006 and MW-13 on March 17, 2006, respectively.

LABORATORY RESULTS

A measurable thickness of PSH (0.01 feet) was detected in monitor wells MW-3 and MW-5 during the 1st quarter 2006 sampling event. Monitor wells MW-1 through MW-5 exhibited a hydrocarbon sheen throughout the 1st and 2nd quarters of the 2006 reporting period. Monitor well MW-12 exhibited a sheen during the 4th quarter 2006 reporting period.

Groundwater samples obtained during the quarterly sampling events of 2006 were delivered to TraceAnalysis, Inc. in Lubbock, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021b. A listing of BTEX constituent concentrations for 2006 is summarized in Table 2. Copies of the laboratory reports generated for 2006 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.290 mg/L during the 2nd quarter to 0.658 mg/L during the 1st quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard of 0.01 mg/L during all four (4) quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 4th quarter to <0.2 mg/L during the 1st and 3rd quarter of 2006. Toluene concentrations were below the NMOCD regulatory standard of 0.75 mg/L during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.187 mg/L during the 2nd quarter to 0.406 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard of 0.75 mg/L during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.158 mg/L during the 2nd quarter to 0.373 mg/L during the 1st quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard of 0.62 mg/L during all four (4) quarters of the reporting period.

Monitor well MW-2 was sampled during the 1st and 2nd quarters of 2006 and analytical results indicate benzene concentrations ranged from 0.339 mg/L during the 2nd quarter to 0.670 mg/L during the 1st quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during the 1st and 2nd quarters. Toluene concentrations were below the laboratory method detection limit (MDL) of <0.02 and the NMOCD regulatory standard during the 1st and 2nd quarters. Ethylbenzene concentrations ranged from 0.334 mg/L during the 2nd quarter to 0.580 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard during the 1st and 2nd quarters. Xylene concentrations ranged from <0.2 mg/L during the 2nd quarter to 0.588 mg/L during the 1st quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard during the 1st and 2nd quarters. Monitor well MW-2 was plugged and abandoned with NMOCD approval on November 9, 2006.

Monitor well MW-3 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.453 mg/L during the 3rd quarter to 1.240 mg/L during the 1st quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations ranged from <0.02 mg/L during the 4th quarter to <0.2 mg/L during the 1st, 2nd and 3rd quarters of 2006. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.445 mg/L during the 2nd quarter to 2.590 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were above the NMOCD regulatory standard of during the 1st quarter of the reporting period. Xylene concentrations ranged from

<0.2 mg/L during the 2nd quarter to 2.300 mg/L during the 1st quarter of 2006. Xylene concentrations were above the NMOCD regulatory standard during the 1st and 3rd quarters of the reporting period.

Monitor well MW-4 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 0.026 mg/L during the 2nd quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during the 2nd quarter of the reporting period. Toluene concentrations ranged from <0.005 mg/L during the 2nd quarter to 0.0392 mg/L during the 1st quarter of 2006. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.251 mg/L during the 1st quarter to 0.351 mg/L during the 2nd quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.205 mg/L during the 3rd quarter to 0.238 mg/L during the 2nd quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-5 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.01 mg/L during the 1st quarter to 0.207 mg/L during the 4th quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 3rd and 4th quarters to <0.01 mg/L during the 1st quarter of 2006. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.202 mg/L during the 2nd quarter to 0.273 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.199 mg/L during the 2nd quarter to 0.394 mg/L during the 1st quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-6 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.134 mg/L during the 1st quarter to 0.289 mg/L during the 3rd quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations were below the MDL of <0.02 and the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0104 mg/L during the 4th quarter to 0.027 mg/L during the 2nd quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.014 mg/L during the 2nd quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-7 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.030 mg/L during the 1st quarter to 0.0486 mg/L during the 4th quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations were below the MDL of <0.001 and the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.004 mg/L during the 2nd, 3rd, and 4th quarters to 0.005 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations

ranged from 0.003 mg/L during the 1st quarter to 0.007 mg/L during the 3rd quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-8 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 2nd and 3rd quarters to 0.0366 mg/L during the 4th quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during the 1st and 4th quarters of the reporting period. Toluene concentrations were below the MDL of <0.001 and the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd and 3rd quarters to 0.0199 mg/L during the 4th quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.015 mg/L during the 3rd quarter to 0.025 mg/L during the 1st quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.175 mg/L during the 3rd quarter to 0.400 mg/L during the 4th quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 4th quarter to <0.02 mg/L during the 1st and 3rd quarters of 2006. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.026 mg/L during the 3rd quarter to 0.122 mg/L during the 1st quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.02 mg/L during the 3rd quarter to 0.078 mg/L during the 1st quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-10 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.138 mg/L during the 3rd quarter to 0.232 mg/L during the 2nd quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 4th quarter to <0.01 mg/L during the 1st quarter of 2006. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.167 mg/L during the 4th quarter to 0.204 mg/L during the 2nd quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.043 mg/L during the 3rd quarter to 0.0942 mg/L during the 4th quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-11 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st quarter to 0.228 mg/L during the 4th quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd, and 4th quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 1st, 3rd and 4th quarters to <0.02 mg/L during the 2nd quarter of 2006. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 1st and 3rd

quarters to 0.0456 mg/L during the 4th quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0118 mg/L during the 4th quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-12 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.020 mg/L during the 3rd quarter to 0.132 mg/L during the 4th quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to <0.1 mg/L during the 1st quarter of 2006. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.1 mg/L during the 1st quarter to 0.0461 mg/L during the 4th quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.1 mg/L during the 1st quarter to 0.0709 mg/L during the 4th quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-13 is sampled on a quarterly schedule and analytical results indicate benzene, toluene and ethylbenzene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st and 2nd quarters to 0.004 mg/L during the 3rd quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-14 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.005 mg/L during the 1st quarter to 0.020 mg/L during the 3rd quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during the 2nd, 3rd and 4th quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 2nd and 4th quarters to 0.0025 mg/L during the 3rd quarter of 2006. Toluene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.005 mg/L during the 1st quarter to 0.012 mg/L during the 3rd quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.005 mg/L during the 1st quarter to 0.032 mg/L during the 3rd quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-15 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.477 mg/L during the 1st quarter to 0.698 mg/L during the 3rd quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations were below the MDL of <0.02 mg/L and the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.02 mg/L during the 1st quarter to 0.265 mg/L during the 4th quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.02 mg/L during the 1st quarter to 0.265 mg/L during the 4th quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-16 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.146 mg/L during the 3rd quarter to 0.233 mg/L during the 2nd quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 1st quarter to <0.2 mg/L during the 2nd quarter of 2006. Toluene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.1 mg/L during the 1st and 3rd quarters to 0.150 mg/L during the 4th quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.1 mg/L during the 1st and 3rd quarters to 0.0110 mg/L during the 4th quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-17 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.017 mg/L during the 3rd quarter to 0.0329 mg/L during the 4th quarter of 2006. Benzene concentrations were above the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 2nd and 4th quarters to 0.001 mg/L during the 3rd quarter of 2006. Toluene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd quarter to 0.022 mg/L during the 4th quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.1 mg/L during the 1st quarter to 0.0174 mg/L during the 4th quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period.

Monitor well MW-18 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st quarter to 0.009 mg/L during the 2nd and 3rd quarter of 2006. Benzene concentrations were below the NMOCD regulatory standard during all four (4) quarters of the reporting period. Toluene concentrations were below the MDL of <0.001 mg/L and the NMOCD regulatory standard during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.002 mg/L during the 1st quarter to 0.0626 mg/L during the 4th quarter of 2006. Ethylbenzene concentrations were below the NMOCD regulatory standard all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st quarter to 0.0456 mg/L during the 4th quarter of 2006. Xylene concentrations were below the NMOCD regulatory standard all four (4) 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 2006 annual monitoring period.. Currently, there are seventeen (17) groundwater monitor wells (MW-1 and MW-3 through MW-

18) on-site. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.004 feet/foot to the south-southeast.

A measurable thickness of PSH (0.01 feet) was detected in monitor wells MW-3 and MW-5 during the 1st quarter 2006 sampling event. Monitor wells MW-1 through MW-5 exhibited a hydrocarbon sheen throughout the 1st and 2nd quarters of the 2006 reporting period. Monitor wells MW-12 exhibited a sheen during the 4th quarter 2006 reporting period. No measurable PSH was recovered from the Red Byrd #1 release site during the 2006 reporting period. Approximately 376 gallons (8 barrels) of product has been recovered by manual recovery since project inception.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2006 monitoring period indicates the benzene concentrations were above the NMOCD regulatory standard in sixteen (16) of the eighteen (18) site monitor wells (including monitor well MW-2) at least one of the four quarters of the reporting period.

Analytical results indicate benzene concentrations are generally increasing throughout the site monitor wells. Toluene, ethylbenzene and xylene concentrations are generally stable and are of relatively low magnitude, with the exception of the monitor well MW-3.

ANTICIPATED ACTIONS

Groundwater monitoring and groundwater sampling will continue in 2007. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2008.

In 2007, Plains will investigate an area of historic asphaltine near monitor well MW-12. The purpose of the investigation will be to evaluate possible hydrocarbon sources responsible for the continued BTEX constituent impact to the groundwater at the site.

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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Figure 1
Site Location Map

Plains Marketing, L.P.
Red Byrd No. 1
Lea County, NM

NOVA Safety and Environmental

NOVA
safety and environmental

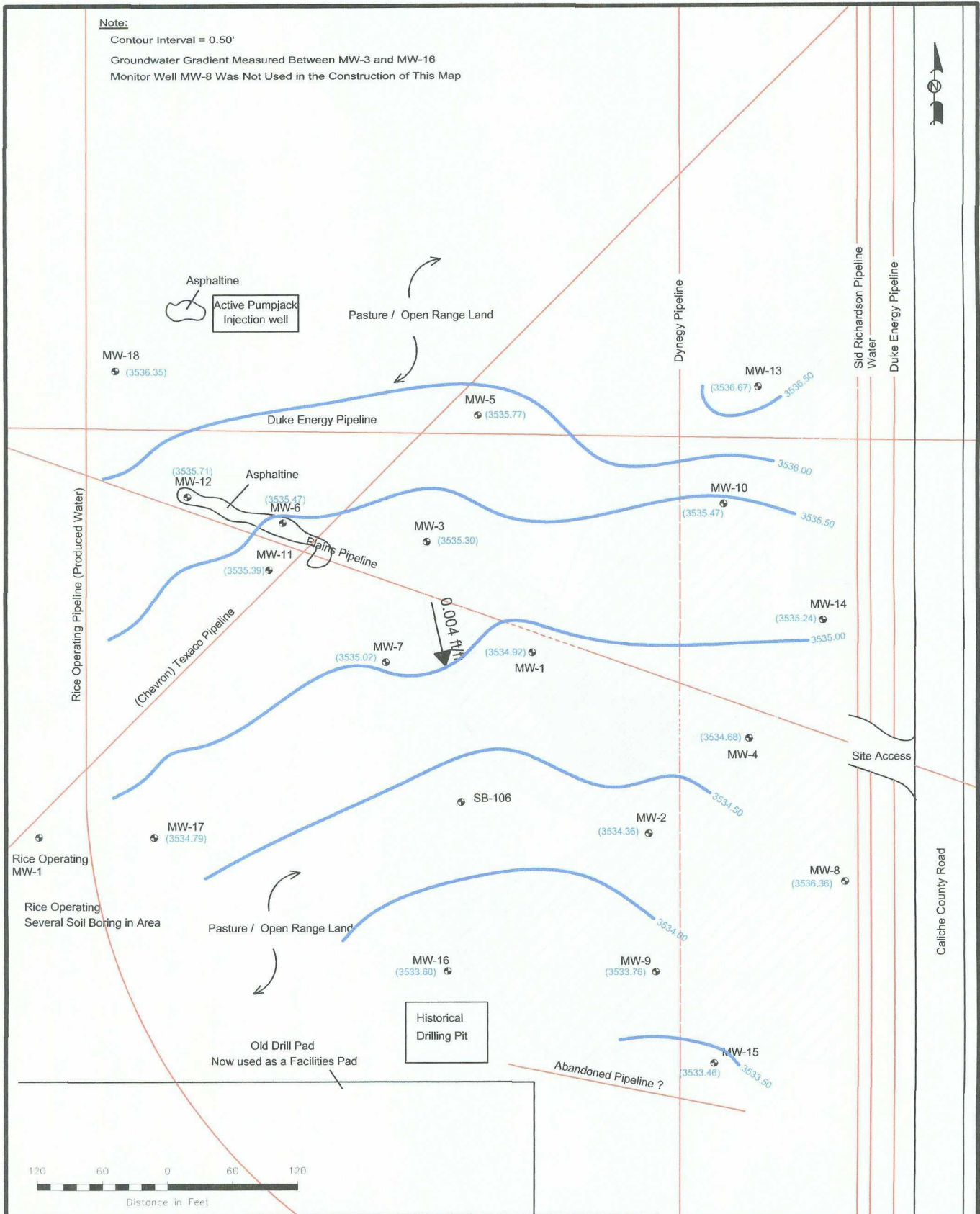
SE 1/4 NE 1/4 Sec 1 T20S R36E	32° 36' 00.2"N 103° 17' 56.9"
Scale: NTS	Prep By: CDS
	Checked By: INC
	February 23, 2005

Note:

Contour Interval = 0.50'

Groundwater Gradient Measured Between MW-3 and MW-16

Monitor Well MW-8 Was Not Used in the Construction of This Map



Monitor Well Location	Excavation	Deep Excavation
Pipeline	Groundwater Elevation in Feet	Not Gauged
Groundwater Contour Line	Groundwater Gradient and Magnitude	

Figure 2A
Inferred Groundwater
Gradient Map (03/17/06)

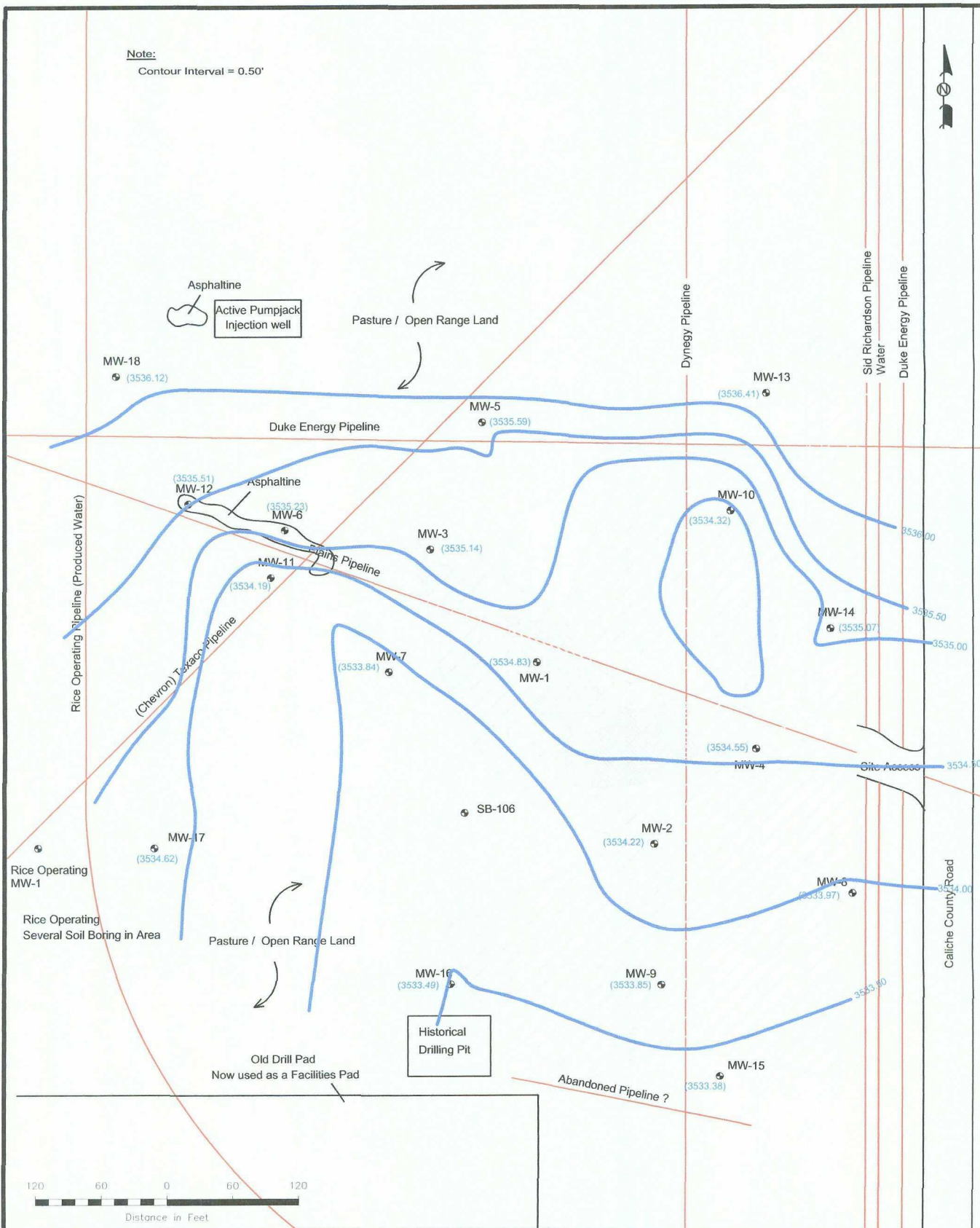
Plains Pipeline, L.P.
Red Byrd No. 1
Lea County, NM

NOVA Safety and Environmental



SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 56.9"W
Scale: 1" = 100'	CAD By: DGC
February 12, 2007	Checked By: CDS

Note:
Contour Interval = 0.50'



Legend:

Monitor Well Location	Excavation	Deep Excavation
Pipeline	Groundwater Elevation in Feet	Not Gauged
Groundwater Contour Line		

Figure 2B
Inferred Groundwater
Gradient Map (06/13/06)

Plains Pipeline, L.P.
Red Byrd No. 1
Lea County, NM

NOVA Safety and Environmental

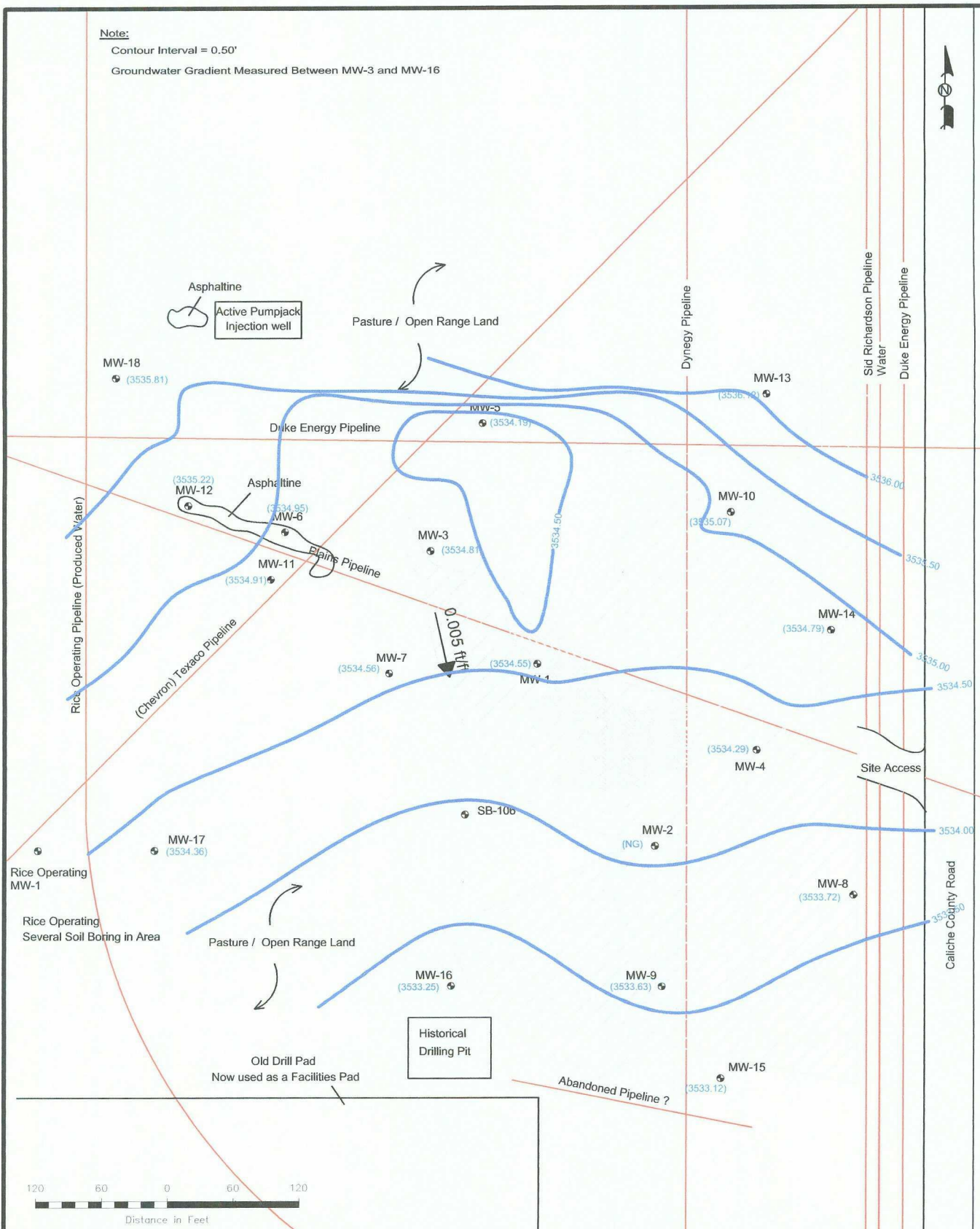


SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 56.9"W
Scale: 1" = 100'	CAD By: DGC
February 12, 2007	Checked By: CDS

Note:

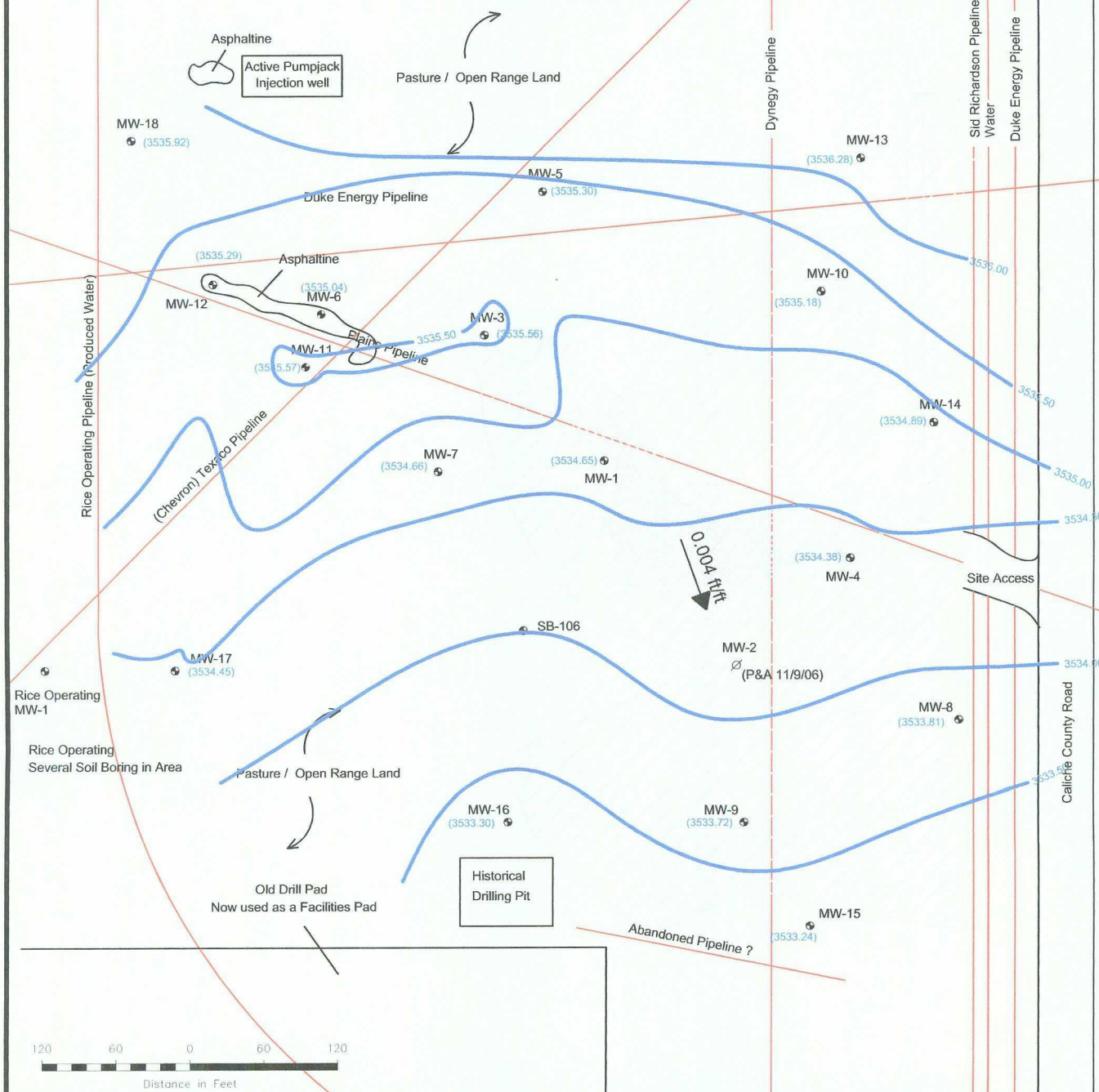
Contour Interval = 0.50'

Groundwater Gradient Measured Between MW-3 and MW-16



Legend: Monitor Well Location Pipeline Groundwater Contour Line		Excavation Deep Excavation Not Gauged Groundwater Gradient and Magnitude		Figure 2C Inferred Groundwater Gradient Map (09/06/06) Plains Pipeline, L.P. Red Byrd No. 1 Lea County, NM		NOVA Safety and Environmental SE1/4 NE1/4 Sec 1 T20S R36E 32° 36' 09.2"N 103° 17' 56.9" Scale: 1" = 100' CAD By: DGC Checked By: CDS February 20, 2007	
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Note:
 Contour Interval = 0.50'
 Groundwater Gradient Measured Between MW-1 and MW-9



Legend:	Excavation	Deep Excavation
Monitor Well Location	(3473.00)	Groundwater Elevation in Feet
Pipeline	NG	Not Gauged
Groundwater Contour Line	0.001 ft	Groundwater Gradient and Magnitude

Figure 2D
 Inferred Groundwater
 Gradient Map (11/15/06)

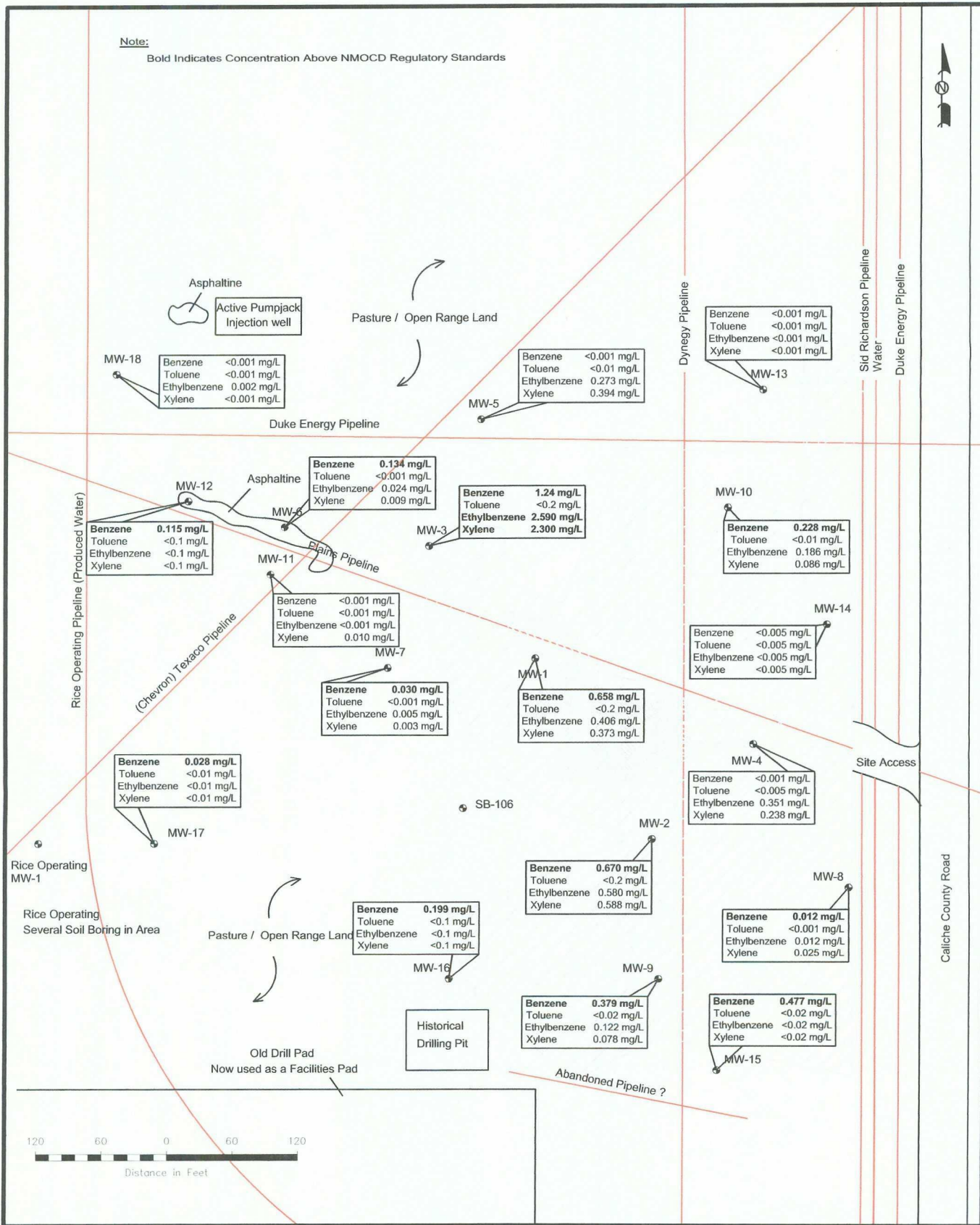
Plains Pipeline, L.P.
 Red Byrd No. 1
 Lea County, NM

NOVA Safety and Environmental



SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 56.9"W
Scale: 1" = 100'	CAD By: DGC
February 22, 2007	Checked By: CDS

Note:
 Bold Indicates Concentration Above NMOC Regulatory Standards



Legend:

- Excavation
- Deep Excavation
- Monitor Well Location
- Pipeline
- (NG) Not Gauged
- (NS) Not Sampled

<0.001 Constituent Concentration (mg/L)

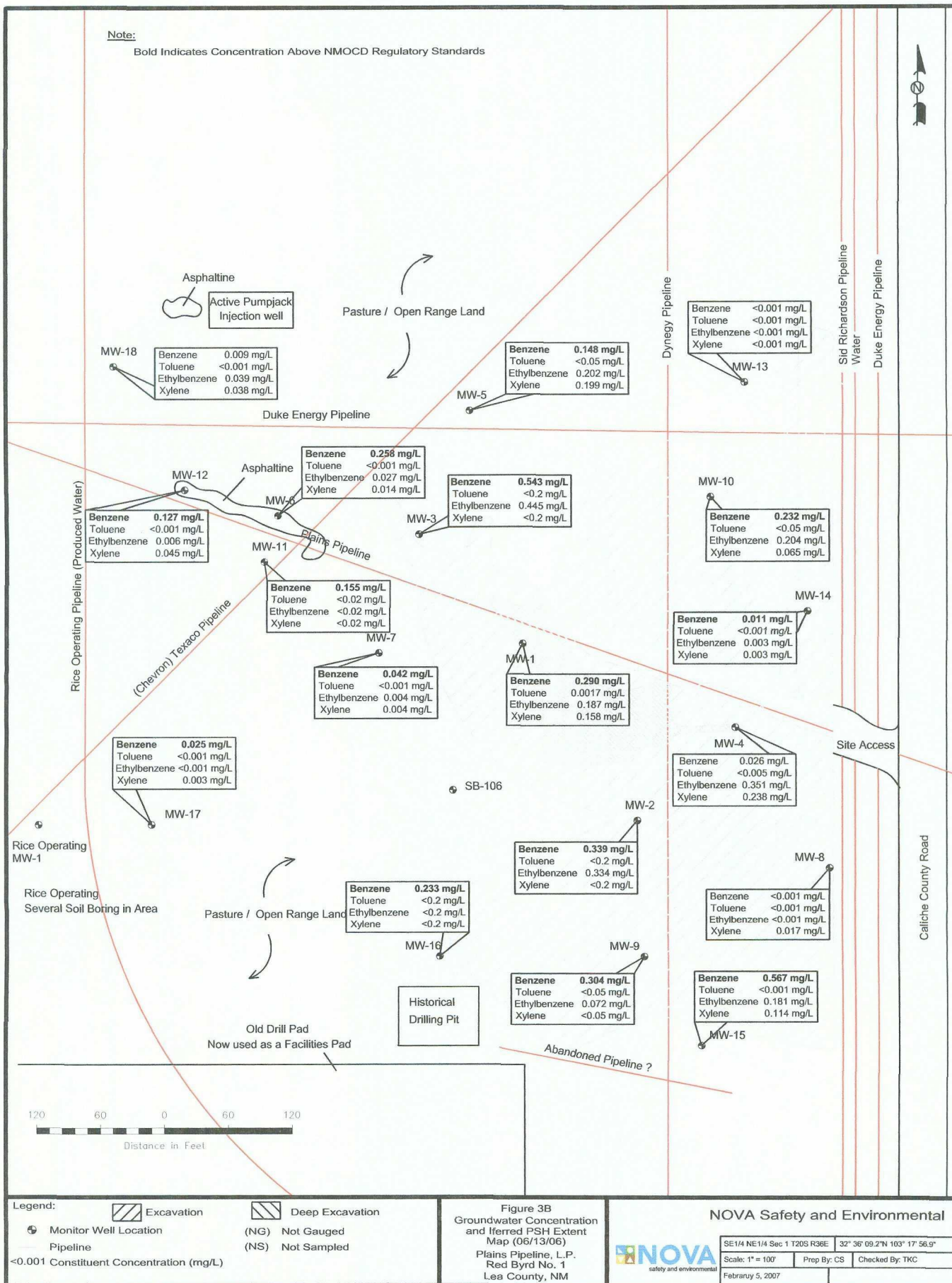
Figure 3A
 Groundwater Concentration
 and Plume PSH Extent
 Map (03/17/06)
 Plains Pipeline, L.P.
 Red Byrd No. 1
 Lea County, NM

NOVA Safety and Environmental

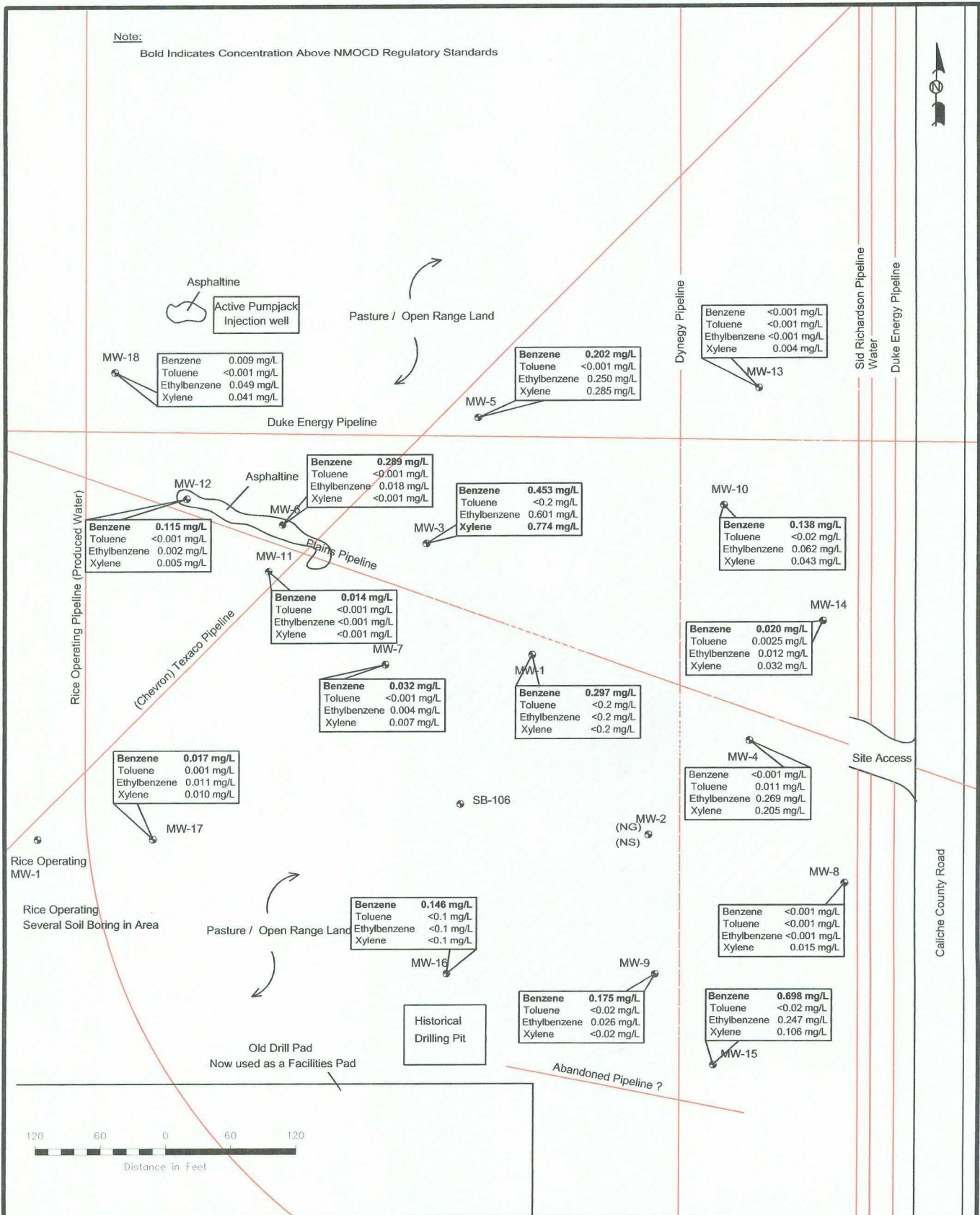
SE14 NE14 Sec 1 T20S R36E 32° 36' 09.2"N 103° 17' 56.9"
 Scale: 1" = 100' Prep By: CS Checked By: TKC
 February 5, 2007

Note:

Bold Indicates Concentration Above NMOC Regulatory Standards



Note:
Bold Indicates Concentration Above NMOCD Regulatory Standards



Legend:

- Excavation
- Deep Excavation
- Monitor Well Location
- (NG) Not Gauged
- (NS) Not Sampled
- Pipeline
- <0.001 Constituent Concentration (mg/L)

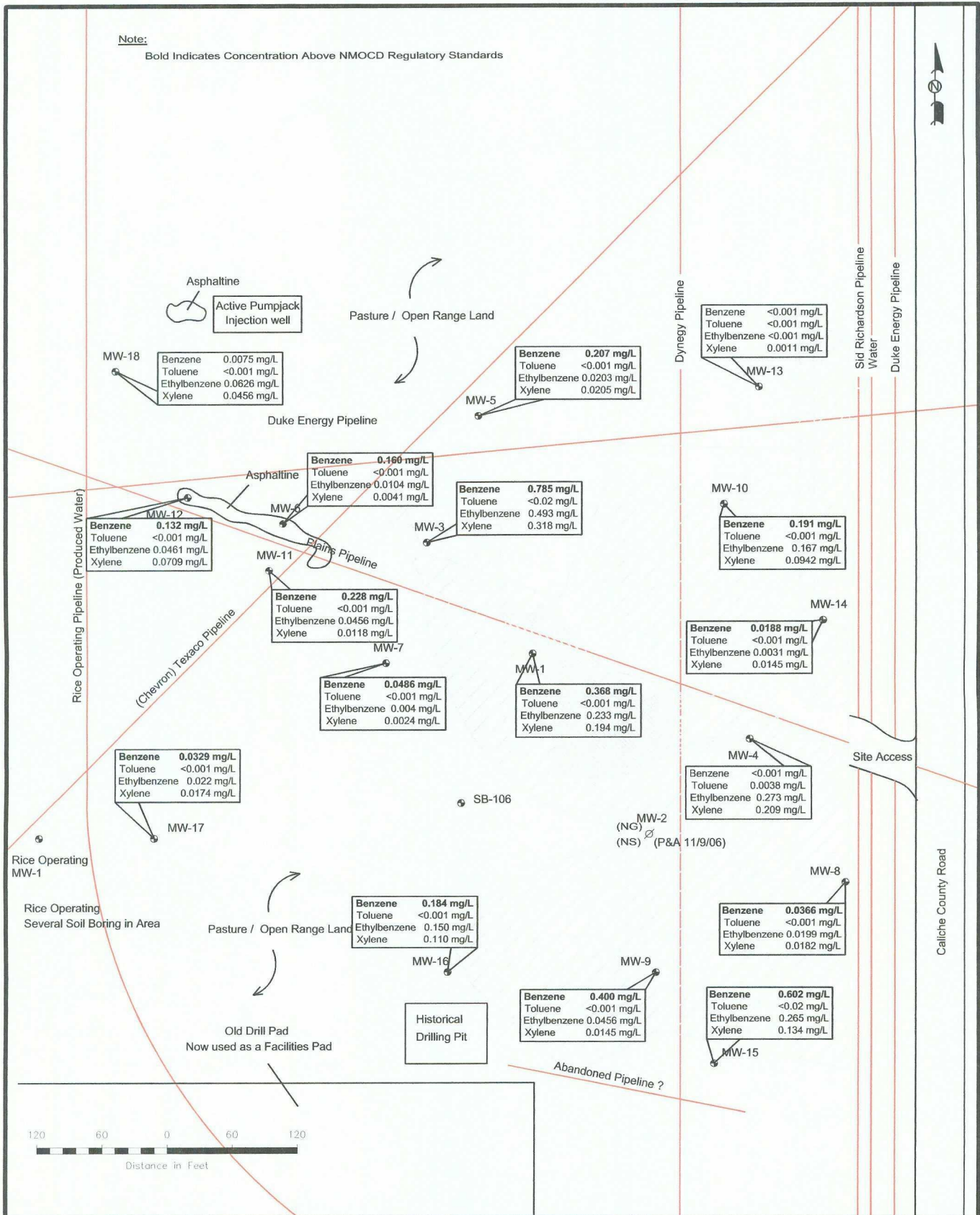
Figure 3C
 Groundwater Concentration
 and Iffered PSH Extent
 Map (09/06/06)
 Plains Pipeline, L.P.
 Red Byrd No. 1
 Lea County, NM

NOVA Safety and Environmental



SE1/4 NE1/4 Sec 1 T20S R36E 32° 36' 09.2"N 103° 17' 56.9"
 Scale: 1" = 100' Prep By: CS Checked By: TKC
 February 5, 2007

Note:
 Bold Indicates Concentration Above NMOC Regulatory Standards



Legend:

- Monitor Well Location
- Plugged and Abandoned Well
- Pipeline
- Excavation
- Deep Excavation
- (NG) Not Gauged
- (NS) Not Sampled

<0.001 Constituent Concentration (mg/L)

Figure 3D
 Groundwater Concentration and Plume Extent Map (11/09/06)
 Plains Pipeline, L.P.
 Red Byrd No. 1
 Lea County, NM

NOVA Safety and Environmental



SE1/4 NE1/4 Sec 1 T20S R36E 32° 36' 09.2"N 103° 17' 56.9"E
 Scale: 1" = 100' Prep By: CS Checked By: TKC
 February 5, 2007

FIGURES

TABLES

TABLE 1
2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
RED BYRD 1
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-1	01/11/06	3,567.59	sheen	32.58	0.00	3,535.01
	01/27/06	3,567.59	sheen	32.65	0.00	3,534.94
	02/09/06	3,567.59	sheen	32.62	0.00	3,534.97
	02/24/06	3,567.59	sheen	32.60	0.00	3,534.99
	03/08/06	3,567.59	sheen	32.58	0.00	3,535.01
	03/17/06	3,567.59	-	32.67	0.00	3,534.92
	03/24/06	3,567.59	sheen	32.63	0.00	3,534.96
	03/31/06	3,567.59	sheen	32.59	0.00	3,535.00
	05/04/06	3,567.59	sheen	32.61	0.00	3,534.98
	06/02/06	3,567.59	sheen	32.71	0.00	3,534.88
	06/13/06	3,567.59	-	32.76	0.00	3,534.83
	06/15/06	3,567.59	sheen	32.75	0.00	3,534.84
	06/29/06	3,567.59	sheen	32.86	0.00	3,534.73
	07/12/06	3,567.59	-	32.89	0.00	3,534.70
	08/09/06	3,567.59	-	34.12	0.00	3,533.47
	09/06/06	3,567.59	-	33.04	0.00	3,534.55
	09/17/06	3,567.59	-	33.01	0.00	3,534.58
	10/03/06	3,567.59	-	33.05	0.00	3,534.54
	10/24/06	3,567.59	-	33.01	0.00	3,534.58
	11/15/06	3,567.59	-	32.94	0.00	3,534.65
	11/16/06	3,567.59	-	32.95	0.00	3,534.64
MW-2	01/11/06	3,567.55	sheen	33.10	0.00	3,534.45
	01/27/06	3,567.55	sheen	33.22	0.00	3,534.33
	02/09/06	3,567.55	sheen	33.17	0.00	3,534.38
	02/24/06	3,567.55	sheen	33.19	0.00	3,534.36
	03/08/06	3,567.55	sheen	33.15	0.00	3,534.40
	03/17/06	3,567.55	-	33.19	0.00	3,534.36
	03/24/06	3,567.55	sheen	33.15	0.00	3,534.40
	03/31/06	3,567.55	sheen	33.06	0.00	3,534.49
	05/04/06	3,567.55	sheen	33.19	0.00	3,534.36
	06/02/06	3,567.55	sheen	33.28	0.00	3,534.27
	06/13/06	3,567.55	-	33.33	0.00	3,534.22
	06/15/06	3,567.55	sheen	33.28	0.00	3,534.27
	06/29/06	3,567.55	sheen	33.39	0.00	3,534.16
	07/12/06	3,567.55	Well Obstructed			
	07/26/06	3,567.55	Well Obstructed			
	08/09/06	3,567.55	Well Obstructed			
	09/06/06	3,567.55	Well Obstructed			
	09/17/06	3,567.55	-	33.55		3,534.00

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
RED BYRD 1
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-2	10/03/06	3,567.55	-	33.59		3,533.96
	10/24/06	3,567.55	-	33.56		3,533.99
	11/09/06	Plugged and Abandoned				
MW-3	01/11/06	3,567.55	sheen	32.18	0.00	3,535.37
	01/27/06	3,567.55	sheen	32.29	0.00	3,535.26
	02/09/06	3,567.55	sheen	32.26	0.00	3,535.29
	02/24/06	3,567.55	sheen	32.24	0.00	3,535.31
	03/08/06	3,567.55	sheen	32.20	0.00	3,535.35
	03/17/06	3,567.55	32.25	32.26	0.01	3,535.30
	03/24/06	3,567.55	sheen	32.23	0.00	3,535.32
	03/31/06	3,567.55	sheen	32.24	0.00	3,535.31
	05/04/06	3,567.55	sheen	32.26	0.00	3,535.29
	06/02/06	3,567.55	sheen	32.37	0.00	3,535.18
	06/13/06	3,567.55	-	32.41	0.00	3,535.14
	06/15/06	3,567.55	sheen	32.39	0.00	3,535.16
	06/29/06	3,567.55	sheen	32.50	0.00	3,535.05
	07/12/06	3,567.55	sheen	32.55	0.00	3,535.00
	08/09/06	3,567.55	-	32.71	0.00	3,534.84
	09/06/06	3,567.55	-	32.74	0.00	3,534.81
	09/17/06	3,567.55	-	32.76	0.00	3,534.79
	10/03/06	3,567.55	-	32.80	0.00	3,534.75
	10/24/06	3,567.55	-	33.71	0.00	3,533.84
	11/15/06	3,567.55	-	31.99	0.00	3,535.56
	11/16/06	3,567.55	-	32.61	0.00	3,534.94
MW-4	01/11/06	3,567.80	sheen	33.01	0.00	3,534.79
	01/27/06	3,567.80	sheen	33.13	0.00	3,534.67
	02/09/06	3,567.80	sheen	33.08	0.00	3,534.72
	02/24/06	3,567.80	sheen	33.10	0.00	3,534.70
	03/08/06	3,567.80	sheen	33.05	0.00	3,534.75
	03/17/06	3,567.80	-	33.12	0.00	3,534.68
	03/24/06	3,567.80	sheen	33.09	0.00	3,534.71
	03/31/06	3,567.80	sheen	33.07	0.00	3,534.73
	05/04/06	3,567.80	sheen	33.10	0.00	3,534.70
	06/02/06	3,567.80	sheen	33.19	0.00	3,534.61
	06/13/06	3,567.80	-	33.25	0.00	3,534.55
	06/15/06	3,567.80	sheen	33.22	0.00	3,534.58
	06/29/06	3,567.80	sheen	33.33	0.00	3,534.47
	07/12/06	3,567.80	-	33.35	0.00	3,534.45

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
RED BYRD 1
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-4	08/09/06	3,567.80	-	33.58	0.00	3,534.22
	09/06/06	3,567.80	-	33.51	0.00	3,534.29
	09/17/06	3,567.80	-	33.52	0.00	3,534.28
	10/03/06	3,567.80	-	33.55	0.00	3,534.25
	10/24/06	3,567.80	-	34.40	0.00	3,533.40
	11/15/06	3,567.80	-	33.42	0.00	3,534.38
	11/16/06	3,567.80	-	33.32	0.00	3,534.48
MW-5	01/11/06	3,569.50	sheen	33.61	0.00	3,535.89
	01/27/06	3,569.50	sheen	33.74	0.00	3,535.76
	02/09/06	3,569.50	sheen	33.70	0.00	3,535.80
	02/24/06	3,569.50	sheen	33.70	0.00	3,535.80
	03/08/06	3,569.50	sheen	33.66	0.00	3,535.84
	03/17/06	3,569.50	33.73	33.74	0.01	3,535.77
	03/24/06	3,569.50	sheen	33.71	0.00	3,535.79
	03/31/06	3,569.50	sheen	33.69	0.00	3,535.81
	05/04/06	3,569.50	sheen	33.74	0.00	3,535.76
	06/02/06	3,569.50	sheen	33.84	0.00	3,535.66
	06/13/06	3,569.50	-	33.91	0.00	3,535.59
	06/15/06	3,569.50	sheen	33.86	0.00	3,535.64
	06/29/06	3,569.50	sheen	33.98	0.00	3,535.52
	07/12/06	3,569.50	-	34.02	0.00	3,535.48
	08/09/06	3,569.50	-	33.87	0.00	3,535.63
	09/06/06	3,569.50	-	35.31	0.00	3,534.19
	09/17/06	3,569.50	-	35.30	0.00	3,534.20
	10/03/06	3,569.50	-	35.33	0.00	3,534.17
	10/24/06	3,569.50	-	35.76	0.00	3,533.74
	11/15/06	3,569.50	-	34.20	0.00	3,535.30
	11/16/06	3,569.50	-	34.04	0.00	3,535.46
MW-6	03/17/06	3,569.09	-	33.62	0.00	3,535.47
	06/13/06	3,569.09	-	33.86	0.00	3,535.23
	08/09/06	3,569.09	-	34.10	0.00	3,534.99
	09/06/06	3,569.09	-	34.14	0.00	3,534.95
	09/17/06	3,569.09	-	34.17	0.00	3,534.92
	10/03/06	3,569.09	-	34.20	0.00	3,534.89
	10/24/06	3,569.09	-	34.09	0.00	3,535.00
	11/15/06	3,569.09	-	34.05	0.00	3,535.04
MW-7	03/17/06	3,567.53	-	32.51	0.00	3,535.02

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
RED BYRD 1
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-7	06/13/06	3,567.53	-	33.69	0.00	3,533.84
	09/06/06	3,567.53	-	32.97	0.00	3,534.56
	10/24/06	3,567.53	-	32.91	0.00	3,534.62
	11/15/06	3,567.53	-	32.87	0.00	3,534.66
MW-8	03/17/06	3,569.79	-	33.43	0.00	3,536.36
	06/13/06	3,569.79	-	33.56	0.00	3,536.23
	07/12/06	3,569.79	sheen	33.67	0.00	3,536.12
	09/06/06	3,569.79	-	33.81	0.00	3,535.98
	09/17/06	3,569.79	-	33.75	0.00	3,536.04
	10/03/06	3,569.79	-	33.80	0.00	3,535.99
	10/24/06	3,569.79	-	33.72	0.00	3,536.07
	11/15/06	3,569.79	-	33.72	0.00	3,536.07
	11/16/06	3,569.79	-	33.65	0.00	3,536.14
MW-9	03/17/06	3,568.62	-	34.86	0.00	3,533.76
	06/13/06	3,568.62	-	34.97	0.00	3,533.65
	08/09/06	3,568.62	-	35.18	0.00	3,533.44
	09/06/06	3,568.62	-	35.19	0.00	3,533.43
	09/17/06	3,568.62	-	35.15	0.00	3,533.47
	10/03/06	3,568.62	-	35.19	0.00	3,533.43
	10/24/06	3,568.62	-	35.12	0.00	3,533.50
	11/15/06	3,568.62	-	35.10	0.00	3,533.52
MW-10	03/17/06	3,570.11	-	34.64	0.00	3,535.47
	06/13/06	3,570.11	-	35.79	0.00	3,534.32
	08/09/06	3,570.11	-	35.07	0.00	3,535.04
	09/06/06	3,570.11	-	35.04	0.00	3,535.07
	09/17/06	3,570.11	-	35.04	0.00	3,535.07
	10/03/06	3,570.11	-	35.08	0.00	3,535.03
	10/24/06	3,570.11	-	35.00	0.00	3,535.11
	11/15/06	3,570.11	-	34.93	0.00	3,535.18
MW-11	03/17/06	3,567.96	-	32.57	0.00	3,535.39
	06/13/06	3,567.96	-	33.77	0.00	3,534.19
	09/06/06	3,567.96	-	33.05	0.00	3,534.91
	10/24/06	3,567.96	-	33.00	0.00	3,534.96
	11/15/06	3,567.96	-	32.39	0.00	3,535.57
MW-12	03/17/06	3,570.36	-	34.65	0.00	3,535.71

TABLE 1

2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
RED BYRD 1
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-12	06/13/06	3,570.36	-	34.85	0.00	3,535.51
	07/12/06	3,570.36	-	34.94	0.00	3,535.42
	08/09/06	3,570.36	-	35.11	0.00	3,535.25
	09/06/06	3,570.36	-	35.14	0.00	3,535.22
	09/17/06	3,570.36	-	35.06	0.00	3,535.30
	10/03/06	3,570.36	-	35.09	0.00	3,535.27
	10/24/06	3,570.36	-	35.06	0.00	3,535.30
	11/15/06	3,570.36	sheen	35.07	0.00	3,535.29
	11/16/06	3,570.36	-	35.00	0.00	3,535.36
MW-13	03/14/06	3,571.78	-	35.10	0.00	3,536.68
	03/17/06	3,571.78	-	35.11	0.00	3,536.67
	06/13/06	3,571.78	-	35.37	0.00	3,536.41
	07/12/06	3,571.78	-	35.48	0.00	3,536.30
	09/06/06	3,571.78	-	35.66	0.00	3,536.12
	09/17/06	3,571.78	-	35.66	0.00	3,536.12
	10/03/06	3,571.78	-	35.70	0.00	3,536.08
	10/24/06	3,571.78	-	35.59	0.00	3,536.19
	11/15/06	3,571.78	-	35.50	0.00	3,536.28
	11/16/06	3,571.78	-	35.48	0.00	3,536.30
MW-14	03/14/06	3,571.69	-	36.43	0.00	3,535.26
	03/17/06	3,571.69	-	36.45	0.00	3,535.24
	06/13/06	3,571.69	-	36.62	0.00	3,535.07
	07/12/06	3,571.69	-	36.73	0.00	3,534.96
	09/06/06	3,571.69	-	36.90	0.00	3,534.79
	09/17/06	3,571.69	-	36.84	0.00	3,534.85
	10/03/06	3,571.69	-	36.89	0.00	3,534.80
	10/24/06	3,571.69	-	36.80	0.00	3,534.89
	11/15/06	3,571.69	-	36.80	0.00	3,534.89
	11/16/06	3,571.69	-	36.70	0.00	3,534.99
MW-15	03/14/06	3,569.33	-	35.86	0.00	3,533.47
	03/17/06	3,569.33	-	35.87	0.00	3,533.46
	06/13/06	3,569.33	-	35.95	0.00	3,533.38
	07/12/06	3,569.33	-	36.01	0.00	3,533.32
	08/09/06	3,569.33	-	36.18	0.00	3,533.15
	09/06/06	3,569.33	-	36.21	0.00	3,533.12
	09/17/06	3,569.33	-	36.07	0.00	3,533.26
	10/03/06	3,569.33	-	36.10	0.00	3,533.23

TABLE 1
2006 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
RED BYRD 1
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-15	10/24/06	3,569.33	-	36.10	0.00	3,533.23
	11/15/06	3,569.33	-	36.09	0.00	3,533.24
	11/16/06	3,569.33	-	36.08	0.00	3,533.25
MW-16	03/14/06	3,568.89	-	35.29	0.00	3,533.60
	03/17/06	3,568.89	-	35.29	0.00	3,533.60
	06/13/06	3,568.89	-	35.40	0.00	3,533.49
	07/12/06	3,568.89	-	35.51	0.00	3,533.38
	08/09/06	3,568.89	-	35.62	0.00	3,533.27
	09/06/06	3,568.89	-	35.64	0.00	3,533.25
	09/17/06	3,568.89	-	35.65	0.00	3,533.24
	10/03/06	3,568.89	-	35.66	0.00	3,533.23
	10/24/06	3,568.89	-	35.50	0.00	3,533.39
	11/15/06	3,568.89	-	35.59	0.00	3,533.30
	11/16/06	3,568.89	-	35.42	0.00	3,533.47
MW-17	03/13/06	3,569.66	-	34.86	0.00	3,534.80
	03/17/06	3,569.66	-	34.87	0.00	3,534.79
	06/13/06	3,569.66	-	35.04	0.00	3,534.62
	07/12/06	3,569.66	-	35.12	0.00	3,534.54
	09/06/06	3,569.66	-	35.30	0.00	3,534.36
	09/17/06	3,569.66	-	35.28	0.00	3,534.38
	10/03/06	3,569.66	-	35.31	0.00	3,534.35
	10/24/06	3,569.66	-	35.23	0.00	3,534.43
	11/15/06	3,569.66	-	35.21	0.00	3,534.45
	11/16/06	3,569.66	-	35.12	0.00	3,534.54
MW-18	03/13/06	3,571.17	-	34.81	0.00	3,536.36
	03/17/06	3,571.17	-	34.82	0.00	3,536.35
	06/13/06	3,571.17	-	35.05	0.00	3,536.12
	07/12/06	3,571.17	-	35.14	0.00	3,536.03
	09/06/06	3,571.17	-	35.36	0.00	3,535.81
	09/17/06	3,571.17	-	33.73	0.00	3,537.44
	10/03/06	3,571.17	-	35.77	0.00	3,535.40
	10/24/06	3,571.17	-	35.70	0.00	3,535.47
	11/15/06	3,571.17	-	35.25	0.00	3,535.92
	11/16/06	3,571.17	-	35.20	0.00	3,535.97

Elevations based on the North American Vertical Datum of 1929.

TABLE 2

2006 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
RED BYRD 1
LEA COUNTY, NM

All Concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B,5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW-1	03/17/06	0.658	<0.2	0.406	0.373	
	06/13/06	0.290	0.0017	0.187	0.158	
	09/06/06	0.297	<0.2	<0.2	<0.2	
	11/15/06	0.368	<0.001	0.233	0.194	
MW-2	03/17/06	0.670	<0.2	0.580	0.588	
	06/13/06	0.339	<0.2	0.334	<0.2	
	09/06/06	Not Sampled Due to Well Obstruction				
	11/09/06	Plugged and Abandoned				
MW-3	03/17/06	1.240	<0.2	2.590	2.300	
	06/13/06	0.543	<0.2	0.445	<0.2	
	09/06/06	0.453	<0.2	0.601	0.774	
	11/15/06	0.785	<0.02	0.493	0.318	
MW-4	03/17/06	<0.001	0.0392	0.251	0.211	
	06/13/06	0.026	<0.005	0.351	0.238	
	09/06/06	<0.001	0.011	0.269	0.205	
	11/15/06	<0.001	0.0038	0.273	0.209	
MW-5	03/17/06	<0.01	<0.01	0.273	0.394	
	06/13/06	0.148	<0.05	0.202	0.199	
	09/06/06	0.202	<0.001	0.250	0.285	
	11/15/06	0.207	<0.001	0.203	0.205	
MW-6	03/17/06	0.134	<0.001	0.024	0.009	
	06/13/06	0.258	<0.001	0.027	0.014	
	09/06/06	0.289	<0.001	0.018	<0.001	
	11/15/06	0.160	<0.001	0.0104	0.0041	
MW-7	03/17/06	0.030	<0.001	0.005	0.003	
	06/13/06	0.042	<0.001	0.004	0.004	
	09/06/06	0.032	<0.001	0.004	0.007	
	11/15/06	0.0486	<0.001	0.004	0.0024	
MW-8	03/17/06	0.012	<0.001	0.012	0.025	

TABLE 2

2006 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
RED BYRD 1
LEA COUNTY, NM

All Concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B,5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW-8	06/13/06	<0.001	<0.001	<0.001	0.017	
	09/06/06	<0.001	<0.001	<0.001	0.015	
	11/15/06	0.0366	<0.001	0.0199	0.0182	
MW-9	03/17/06	0.379	<0.02	0.122	0.078	
	06/13/06	0.304	<0.05	0.072	<0.05	
	09/06/06	0.175	<0.02	0.026	<0.02	
	11/15/06	0.400	<0.001	0.0456	0.0145	
MW-10	03/17/06	0.228	<0.01	0.186	0.086	
	06/13/06	0.232	<0.05	0.204	0.065	
	09/06/06	0.138	<0.02	0.062	0.043	
	11/15/06	0.191	<0.001	0.167	0.0942	
MW-11	03/17/06	<0.001	<0.001	<0.001	0.010	
	06/13/06	0.155	<0.02	<0.02	<0.02	
	09/06/06	0.014	<0.001	<0.001	<0.001	
	11/15/06	0.228	<0.001	0.0456	0.0118	
MW-12	03/17/06	0.115	<0.1	<0.1	<0.1	
	06/13/06	0.127	<0.001	0.006	0.045	
	09/06/06	0.020	<0.001	0.002	0.005	
	11/15/06	0.132	<0.001	0.0461	0.0709	
MW-13	03/17/06	<0.001	<0.001	<0.001	<0.001	
	06/13/06	<0.001	<0.001	<0.001	<0.001	
	09/06/06	<0.001	<0.001	<0.001	0.004	
	11/15/06	<0.001	<0.001	<0.001	0.0011	
MW-14	03/17/06	<0.005	<0.005	<0.005	<0.005	
	06/13/06	0.011	<0.001	0.003	0.003	
	09/06/06	0.020	0.0025	0.012	0.032	
	11/15/06	0.0188	<0.001	0.0031	0.0145	
MW-15	03/17/06	0.477	<0.02	<0.02	<0.02	
	06/13/06	0.567	<0.02	0.181	0.114	

TABLE 2

2006 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
RED BYRD 1
LEA COUNTY, NM

All Concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B,5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW-15	09/06/06	0.698	<0.02	0.247	0.106	
	11/15/06	0.602	<0.02	0.265	0.134	
MW-16	03/17/06	0.199	<0.1	<0.1	<0.1	
	06/13/06	0.233	<0.2	<0.2	<0.2	
	09/06/06	0.146	<0.1	<0.1	<0.1	
	11/15/06	0.184	<0.001	0.150	0.110	
MW-17	03/17/06	0.028	<0.01	<0.01	<0.01	
	06/13/06	0.025	<0.001	<0.001	0.003	
	09/06/06	0.017	0.001	0.011	0.010	
	11/15/06	0.0329	<0.001	0.022	0.0174	
MW-18	03/17/06	<0.001	<0.001	0.002	<0.001	
	06/13/06	0.009	<0.001	0.039	0.038	
	09/06/06	0.009	<0.001	0.049	0.041	
	11/15/06	0.0075	<0.001	0.0626	0.0456	

Note: m,p and o Xylenes combined when analyzed by Trace Laboratories, Inc. only.

TABLE 3

2006 CONCENTRATIONS OF TPH AND BTEX IN SOIL
 PLAINS MARKETING, L.P.
 RED BYRD 1
 LEA COUNTY, NM

All Concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	SW 846-8015M			SW 846-8012B,5030					BTEX
		TPH DRO	TPH GRO	Total TPH	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY LIMIT				100	10			TOTAL XYLENE		50
MW-13 10-15'	03/08/06	<50.0	<1	<50						
MW-13 30-35'	03/08/06	<50.0	<1	<50						
MW-14 10-15'	03/08/06	<50.0	<1	<50						
MW-14 30-35'	03/08/06	<50.0	<1	<50						
MW-14 35-40'	03/08/06	<50.0	43.4	43.4	<0.01	<0.01	0.041	<0.01	0.041	0.041
MW-15 15-20'	03/08/06	<50.0	<1	<50						
MW-15 30-35'	03/08/06	842	1560	2402	<0.1	<0.1	1.860	2.320	4.180	4.180
MW-16 10-15'	3/9/2006	<50.0	<1	<50						
MW-16 5-10'	3/9/2006	<50.0	<1	<50						
MW-16 30-35'	3/9/2006	649	2240	2889	<0.1	<0.1	2.350	3.880	6.230	6.230
MW-17 0-5'	3/9/2006	<50.0	<1	<50						
MW-17 10-15'	3/9/2006	<50.0	<1	<50						
MW-17 30-35'	3/9/2006	151	2040	2191	1.600	<0.1	3.660	4.290	9.550	9.550
MW-18 5-10'	3/9/2006	<50.0	<1	<50						
MW-18 20-25'	3/9/2006	<50.0	<1	<50						
MW-18 30-35'	3/9/2006	<50.0	92.6	92.6	0.0327	<0.01	0.202	<0.01	0.235	0.235
SB-106 0-5'	3/9/2006	<50.0	<5	<50						
SB-106 10-15'	3/9/2006	<50.0	<1	<50						
SB-106 30-35'	3/9/2006	<50.0	15.6	15.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

APPENDICES

APPENDIX A:
Boring Logs and Monitor Well Details

Monitor Well MW-14

Depth (feet) 0 5 10 15 20 25 30 35 40 45

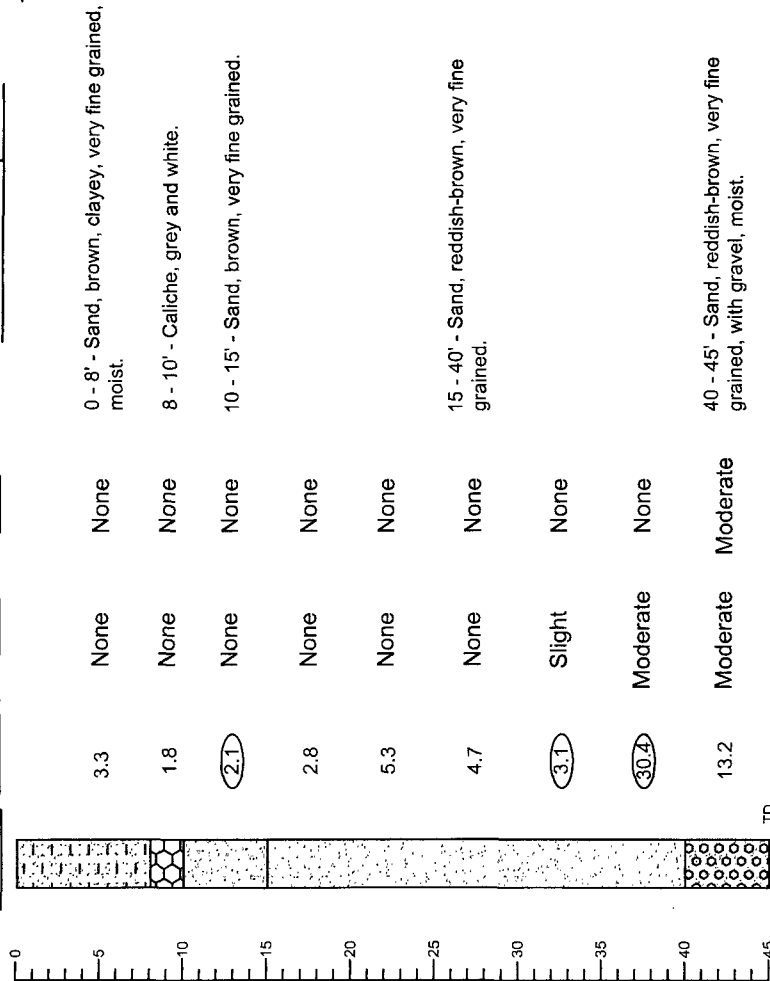
Soil Columns

PID Reading

Petroleum Odor

Petroleum Stain

Soil Description



Monitor Well Details

Date Drilled 03-08-06

Thickness of Bentonite Seal 15 ft

Length of PVC Well Screen 20 ft

Depth of PVC Well 45 ft

Depth of Exploratory Well 45 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- The monitor well was installed on date using air rotary drilling techniques.
- The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
- The well is protected with a locked stick up steel cover and a compression cap.
- The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
- The depths indicated are referenced from below ground surface. (bgs)

Boring Log And Monitor Well Details

Monitor Well MW-14

Red Bryd #1 Lea County, New Mexico

Plains Marketing, L.P.



NOVA Safety and Environmental

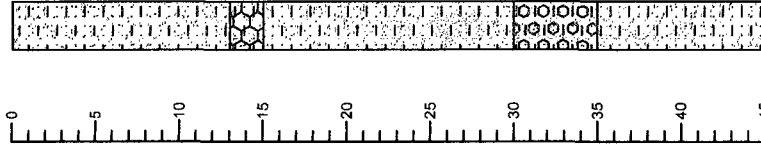
CAD By: DGC

Checked By: CDS

March 24, 2007

Monitor Well MW-15

Depth (feet) _____



Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
	4.2	None	None	0 - 13' - Sand, brown, clayey, fine grained.
	2.7	None	None	13 - 15' - Caliche, grey and sand, brown, clayey.
	1.5	None	None	15 - 30' - Clay, brown, sandy.
	9.6	None	None	30 - 35' - Clay, brown, sandy, with gravel.
	7.7	None	None	35 - 45' - Clay, brown, sandy.
	20.6	None	None	
	47.4	Heavy	Heavy	
	53.8	Heavy	Slight	
		Heavy	Slight	

Soil Description

Monitor Well Details
 Date Drilled: 03-08-06
 Thickness of Bentonite Seal: 15 ft
 Length of PVC Well Screen: 20 ft
 Depth of PVC Well: 45 ft
 Depth of Exploratory Well: 45 ft

Grout Surface Seal
 Bentonite Pellet Seal
 Sand Pack
 Screen

○ Indicates samples selected for Laboratory Analysis.
 PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- The monitor well was installed on date using air rotary drilling techniques.
- The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
- The well is protected with a locked stick up steel cover and a compression cap.
- The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
- The depths indicated are referenced from below ground surface. (bgs)

Boring Log And Monitor Well Details
 Monitor Well MW-15
 Red Bryd #1 Lea County, New Mexico
 Plains Marketing, L.P.

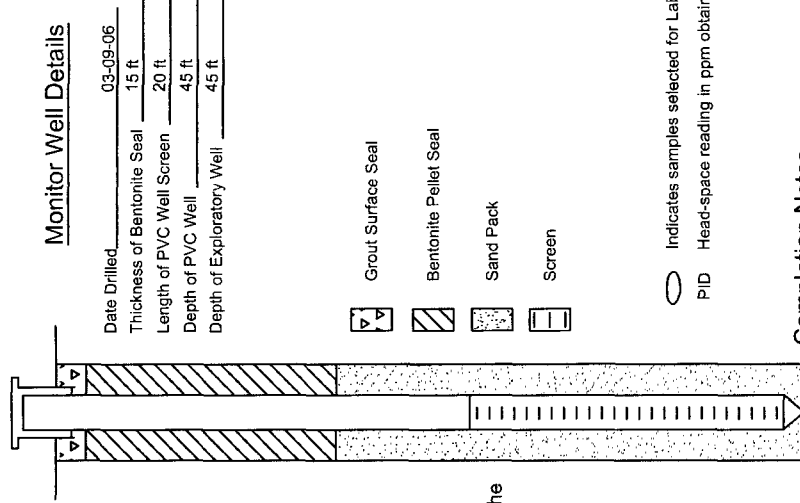
NOVA Safety and Environmental



CAD By: DGC
 Checked By: CDS
 March 24, 2007

Monitor Well MW-16

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0					
5		4.0	None	None	0 - 5' - Sand, brown, clayey, very fine grained.
10		7.1	None	None	5 - 10' - Caliche, grey, sandy.
15		15.3	None	None	10 - 15' - Sand, brown, clayey.
20		11.2	None	None	15 - 20' - Sand, brown, clayey, fine grained.
25		5.6	None	None	20 - 25' - Sand, brown, clayey, moist.
30		4.5	None	None	25 - 31' - Sand, brown, clayey with some caliche fragments.
35		748	Heavy	Heavy	31 - 40' - Sand, grey, with gravel.
40		255	Moderate	Slight	
45		66.5	Slight	Slight	40 - 45' - Sand, brown, clayey.
					TD



○ Indicates samples selected for Laboratory Analysis.
 PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- The monitor well was installed on date using air rotary drilling techniques.
- The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
- The well is protected with a locked stick up steel cover and a compression cap.
- The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
- The depths indicated are referenced from below ground surface. (bgs)

Boring Log And Monitor Well Details
 Monitor Well MW-16
 Red Bryd #1 Lea County, New Mexico
 Plains Marketing, L.P.



NOVA Safety and Environmental

CAD By: DGC
 Checked By: CDS
 March 24, 2007

Monitor Well MW-17

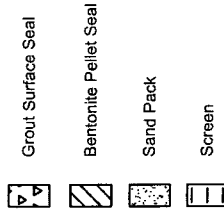
Depth (feet) 0 5 10 15 20 25 30 35 40 45



Soil Description

0 - 5' - Clay, brown, sand, silty, very fine grained.	None	None	12.8
5 - 10' - Caliche, grey, sandy.	None	None	3.7
10 - 15' - Sand, brown, fine grained.	None	None	4.0
15 - 20' - Sand, brown, clayey, with some caliche fragments.	None	None	1.5
20 - 25' - Sand, brown, clayey, moist.	None	None	5.6
25 - 30' - Sand, brown, clayey with some caliche fragments.	None	None	16.0
30 - 35' - Sand, grey, with gravel.	Very Heavy	Very Heavy	153
35 - 45' - Clay, brown, sandy.	Moderate	Heavy	140
	None	None	6.5

Monitor Well Details
Date Drilled 03-10-06
Thickness of Bentonite Seal 15 ft
Length of PVC Well Screen 20 ft
Depth of PVC Well 45 ft
Depth of Exploratory Well 45 ft



Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- The monitor well was installed on date using air rotary drilling techniques.
- The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
- The well is protected with a locked stick up steel cover and a compression cap.
- The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
- The depths indicated are referenced from below ground surface, (bgs)

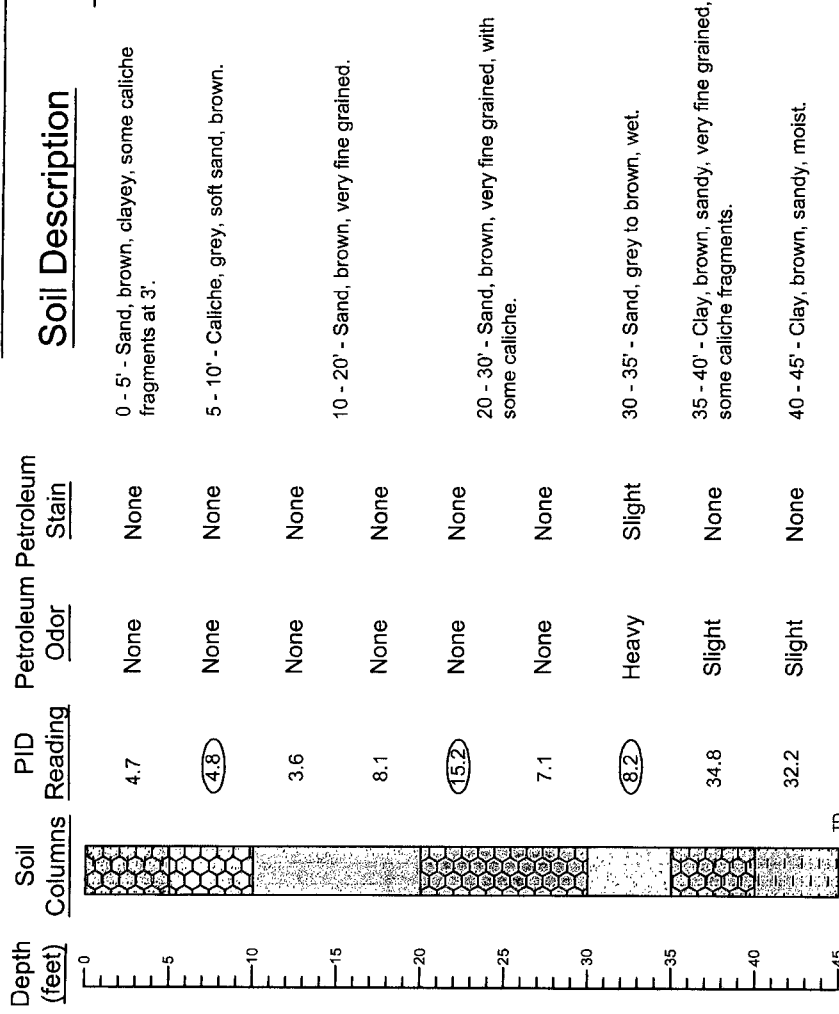
Boring Log And Monitor Well Details
Monitor Well MW-17
Red Bryd #1 Lea County, New Mexico
Plains Marketing, L.P.



NOVA Safety and Environmental

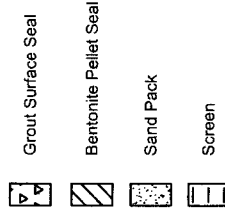
CAD By: DGC
March 24, 2007
Checked By: CDS

Monitor Well MW-18



Monitor Well Details

Date Drilled 03-09-06
 Thickness of Bentonite Seal 19 ft
 Length of PVC Well Screen 20 ft
 Depth of PVC Well 45 ft
 Depth of Exploratory Well 45 ft



Indicates samples selected for Laboratory Analysis.
 PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- The monitor well was installed on date using air rotary drilling techniques.
- The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
- The well is protected with a locked stick up steel cover and a compression cap.
- The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
- The depths indicated are referenced from below ground surface. (bgs)

Boring Log And Monitor Well Details
 Monitor Well MW-18
 Red Bryd #1 Lea County, New Mexico
 Plains Marketing, L.P.



NOVA Safety and Environmental

CAD By: DGC
 Checked By: CDS
 March 24, 2007

Soil Boring SB-106

Depth (feet) _____

0 5 10 15 20 25 30 35 40 45

Soil Columns _____

PID Reading _____

9.3 1.5 3.5 1.9 2.3 3.2 16.2 19.7 24.1

Petroleum Odor _____

None None None None None None Heavy Moderate Slight

Petroleum Stain _____

None None None None None None Heavy None None

Soil Description

0 - 8' - Clay, brown, clayey, fine grained.

None

8 - 16' - Caliche, grey and brown, clayey, sandy.

None

16 - 20' - Clay, brown, clayey, very fine grained.

None

20 - 25' - Sand, reddish-brown, fine grained.

None

25 - 30' - Caliche, grey with some brown sand.

None

30 - 35' - Gravel sand, brown.

Heavy

35 - 45' - Clay and sand, brown.

None

None

TD

Soil Boring Details

Date Drilled 03-08-06
Depth of Soil Boring 45 ft

○ Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- The soil boring was installed on date using air rotary drilling techniques.
- The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
- The depths indicated are referenced from below ground surface. (bgs)

Soil Boring Log and Details

Soil Boring SB-106

Red Bryd #1 Lea County, New Mexico
Plains Marketing, L.P.



NOVA Safety and Environmental

CAD By: DGC

Checked By: CDS

March 24, 2007

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

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name:	Red Byrd # 1	Facility Type:	Steel Pipeline

Surface Owner:	Red Byrd	Mineral Owner		Lease No.	
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	1	20S	36E					Lea

Latitude 32° 36' 09.8" N Longitude 103° 17' 58.5" W

NATURE OF RELEASE

Type of Release:	Crude Oil	Volume of Release:	Unknown	Volume Recovered	
Source of Release:	Steel Pipeline	Date and Hour of Occurrence		Date and Hour of Discovery	
Was Immediate Notice Given?	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required <input type="checkbox"/>	If YES, To Whom?			
By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.*					
Describe Cause of Problem and Remedial Action Taken.*					
Describe Area Affected and Cleanup Action Taken.*					
NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable.					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					

OIL CONSERVATION DIVISION

Signature:			
Printed Name:	Camille Reynolds	Approved by District Supervisor:	
Title:	Remediation Coordinator	Approval Date:	Expiration Date:
E-mail Address:	cjreynolds@paalp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3/21/2005	Phone: (505)441-0965		

* Attach Additional Sheets If Necessary