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# **REPORTS**

**DATE:**

2004

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**ENVIRONMENTAL PLUS, INC.**

*Micro-Blaze*

*Micro-Blaze Out™*

STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

October 23, 2003<sup>4</sup>

SEPT.

Mr. Ed Martin  
Energy, Minerals, and Natural Resources Department  
New Mexico Oil Conservation Division, Environmental Bureau  
P.O. Box 6429  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

OIL CONSERVATION  
DIVISION

Subject: Written notification of ground water impact

IR-380

Re: 8" Moore to Jal #1 2002-10270  
UL-F; SE¼ of the NW¼ of Section 16 T17S R37E  
Lea County New Mexico  
Latitude: 32° 50' 12.36"N Longitude: 103° 15' 26.234"W  
Landowner: State of New Mexico

Dear Mr. Martin,

Environmental Plus, Inc. (EPI), Eunice, New Mexico, on behalf of Ms. Camille Reynolds, District Environmental Supervisor, Plains All American Pipeline, Midland, Texas, submits this written notification of ground water impact due to a crude oil leak at the above referenced site in excess of 20 NMAC 6.2.3103A, i.e., "Non-aqueous phase liquid shall not be present floating atop or immersed within ground water, as can be reasonably measured." This submittal follows the immediate verbal notification made on September 23, 2004 and is consistent with the notification requirements of 19 NMAC 15.116. A location map is attached.

Distribution of the crude oil source term at the site is currently being assessed and there are no domestic, agricultural, or public supply wells within 1000' of the site. A remediation work plan addressing soil and ground water will be developed consistent with the "New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)" and the NMOCD approved "General Work Plan for Remediation of E.O.T.T. Pipeline

ENVIRONMENTAL PLUS, INC.



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STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

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Spills, Leaks and Releases in New Mexico, July 2000" and submitted to you for approval. All official communication should be sent to;

MAILING ADDRESS

Ms. Camille Reynolds  
Plains All American Pipeline  
P.O. Box 1660  
Midland, Texas 79702

STREET ADDRESS

Ms. Camille Reynolds  
Plains All American Pipeline  
5805 E. Highway 80  
Midland, Texas 79701

Sincerely,

Pat McCasland  
EPI Technical Services Manager (enviplus1@aol.com)

cc: Paul Sheeley, NMOCD Hobbs, (PSheeley@state.nm.us)  
Camille Reynolds, Plains All American Pipeline (cjreynolds@paalp.com)  
Jeff Dann, Plains All American Pipeline (jpdann@paalp.com)  
Myra Meyers, State Land Office, Hobbs (MMeyers@SLO.state.nm.us)  
Dana Vackar Strang, State Land Office, Santa Fe  
(DVackar@SLO.state.nm.us)  
Ben Miller, EPI Vice President and General Manager  
Sherry Miller, EPI President  
File

ENVIRONMENTAL PLUS, INC.

Incident Date:  
**10-18-02 @ 10:00 AM**

NMOCD Notified:  
10-18-02 @ 11:00 AM Pat McCasland EPI  
left message with Paul Sheeley and sent page  
to the "ON-CALL" representative

**EOTT Site Information and Metrics**

SITE: 8" Moore to Jal #1		Assigned Site Reference #: 2002-10270	
Company: EOTT			
Street Address: PO Box 1660			
Mailing Address: 5805 East Highway 80			
City, State, Zip: Midland, Texas 79702			
Representative: Frank Hernandez			
Representative Telephone: 915.638.3799			
Telephone:			
Fluid volume released (bbls): 200 bbls		Recovered (bbls): 0 bbls	
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas)			
5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)			
Leak, Spill, or Pit (LSP) Name: 8" Moore to Jal #1			
Source of contamination: 8" Steel Pipeline			
Land Owner, i.e., BLM, ST, Fee, Other: State of New Mexico			
LSP Dimensions ~200' x 40'			
LSP Area: 8,000 sqft ft <sup>2</sup>			
Location of Reference Point (RP)			
Location distance and direction from RP			
Latitude: 32° 50' 12.36"N			
Longitude: 103° 15' 26.234"W.			
Elevation above mean sea level:			
Feet from South Section Line			
Feet from West Section Line			
Location- Unit or ¼¼: SE¼ of the NW¼		Unit Letter: F	
Location- Section: 16			
Location- Township: T17S			
Location- Range: R37E			
Surface water body within 1000' radius of site: none			
Domestic water wells within 1000' radius of site: none			
Agricultural water wells within 1000' radius of site: none			
Public water supply wells within 1000' radius of site: none			
Depth from land surface to ground water (DG) -66'bgs			
Depth of contamination (DC) - ?			
Depth to ground water (DG - DC = DtGW) - ?			
<b>1. Ground Water</b>		<b>2. Wellhead Protection Area</b>	
If Depth to GW <50 feet: 20 points		If <1000' from water source, or;<200' from private domestic water source: 20 points	
If Depth to GW 50 to 99 feet: 10 points		If >1000' from water source, or;>200' from private domestic water source: 0 points	
If Depth to GW >100 feet: 0 points			
Ground water Score = 10		Wellhead Protection Area Score= 0	
Surface Water Score= 0			
Site Rank (1+2+3) = 10			
<b>Total Site Ranking Score and Acceptable Concentrations</b>			
Parameter	>19	10-19	0-9
Benzene <sup>1</sup>	10 ppm	10 ppm	10 ppm
BTEX <sup>1</sup>	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm
<sup>1</sup> 100 ppm field VOC headspace measurement may be substituted for lab analysis			

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised October 10, 2003

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

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

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report     Final Report

Name of Company <b>EOTT</b>	Contact <b>Frank Hernandez</b>
Address PO Box 1660 5805 East Highway 80 Midland, Texas 79702	Telephone No. 915.638.3799
Facility Name 8" Moore to Jal #1	Facility Type 8" Steel Pipeline

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

Unit Letter 16	Section 16	Township T17S	Range R37E	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea Lat. 32° 50' 12.36"N Lon. 103° 15' 26.234"W.
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**NATURE OF RELEASE**

Type of Release Crude Oil	Volume of Release 200 bbls barrels	Volume Recovered 0 bbls barrels
Source of Release 8" Steel Pipeline	Date and Hour of Occurrence EOTT	Date and Hour of Discovery 10-18-02 @ 8:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Paul Sheeley	
By Whom? Pat McCasland, EPI	Date and Hour 10-18-02 @ 11:00 AM Pat McCasland EPI left message with Paul Sheeley and sent page to the "ON-CALL" representative	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

If a Watercourse was Impacted, Describe Fully.\*  
NA

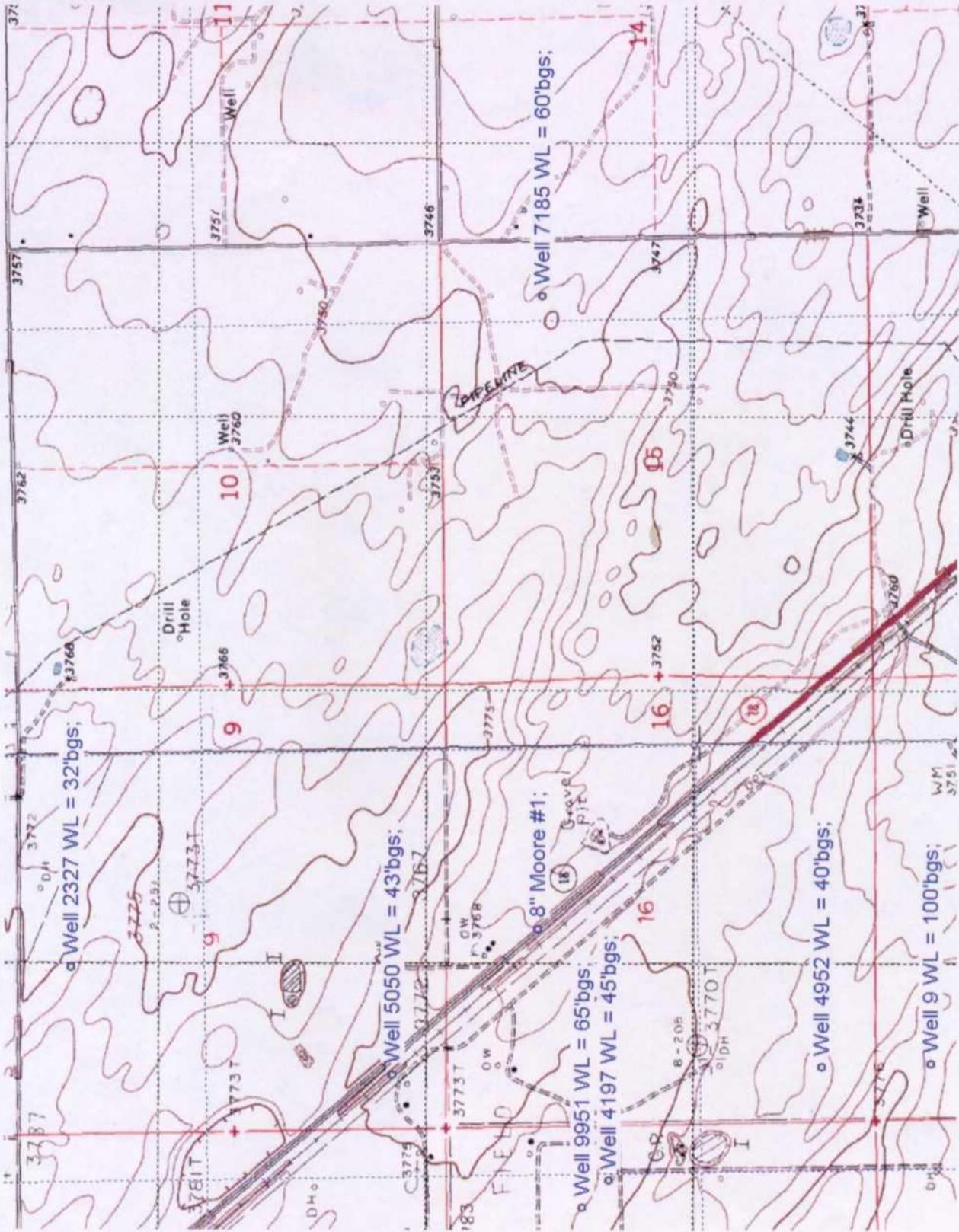
Describe Cause of Problem and Remedial Action Taken.\*  
8" Steel Pipeline Site will be delineated to determine the vertical and horizontal extents of contamination. Contaminated soil will be blended on site or disposed of.

Describe Area Affected and Cleanup Action Taken.\*  
8,000 sqft -200' x 40' Site will be delineated to determine the vertical and horizontal extents of contamination. Contaminated soil will be blended on site or disposed of. Remedial Goals: TPH 8015m = 1000 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.

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

Signature:	<b><u>OIL CONSERVATION DIVISION</u></b>	
Printed Name: Frank Hernandez	Approved by District Supervisor:	
Title: District Environmental Supervisor	Approval Date:	Expiration Date:
Date: October 23, 2003      Phone: 915.638.3799	Conditions of Approval:	Attached <input type="checkbox"/>

\* Attach Additional Sheets If Necessary



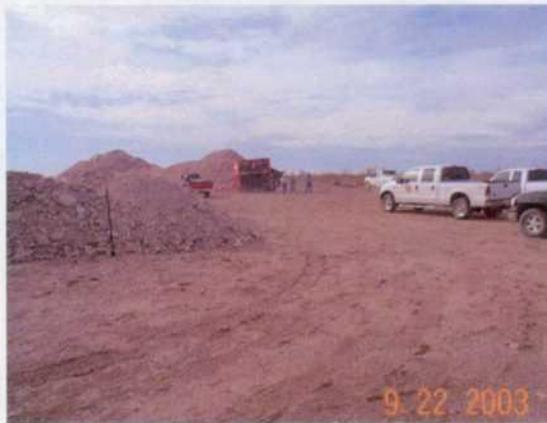
Site Name: 8" Moore to Jal #1

Remediation Plan: 1R-380

Company: EOTT (Co. rep. – Frank Hernandez)

Contractor: Environmental Plus, Inc. (Pat McCasland)

Date Inspected: September 23, 2003 by Ed Martin, Larry Johnson and Paul Sheeley



Delineation not complete. Groundwater impact unknown. Groundwater depth 65' - 70'. Perimeter of contamination still to be determined. Upon completion of delineation, contractor proposes to install a clay barrier and backfill the site.

Recommendation: Obtain schedule for complete delineation, sampling of groundwater, and installation of monitor wells if necessary.