

1R - 399

**GENERAL
CORRESPONDENCE**

YEAR(S):

2002



ENVIRONMENTAL PLUS, INC. ~~Micro-Blaze~~ ~~Micro-Blaze Out~~
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

September 3, 2002

Mr. William C. Olson, Hydrologist
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

Subject: Written notification of ground water impact

Dear Mr. Olson,

Environmental Plus, Inc. (EPI), 2100 Avenue O, Eunice, New Mexico, on behalf of EOTT Energy Pipeline LP, Midland, Texas submits this written notification of ground water impact due to a crude oil leak on the Monument 6" Line (EOTT reference #2002-10197), located in Unit Letter A, NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 5, T20S, and R37E in excess of 20 NMAC 6.2.3103, 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 3, 2002 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. Depth to ground water at this site has been measured to be 30-ft bgs. There is one domestic water well within 200-ft (side-gradient) of the release affected area. There are three agricultural use water wells within 1000-ft of the release affected area (two side-gradient @ 260-270-ft and one down-gradient @ 489-ft). A remediation work plan addressing soil and ground water will be developed and submitted for your consensus. All official communication should be sent to;

Mr. Frank Hernandez
EOTT Energy Pipeline, LP
P.O. Box 1660
Midland, Texas 79703

Sincerely,

John C. Good
EPI Environmental Consultant

cc: Larry Johnson, NMOCD Hobbs
Frank Hernandez, EOTT Energy Pipeline
Ben Miller, EPI Vice President and General Manager
file

ENVIRONMENTAL PLUS, INC.

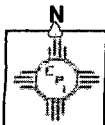
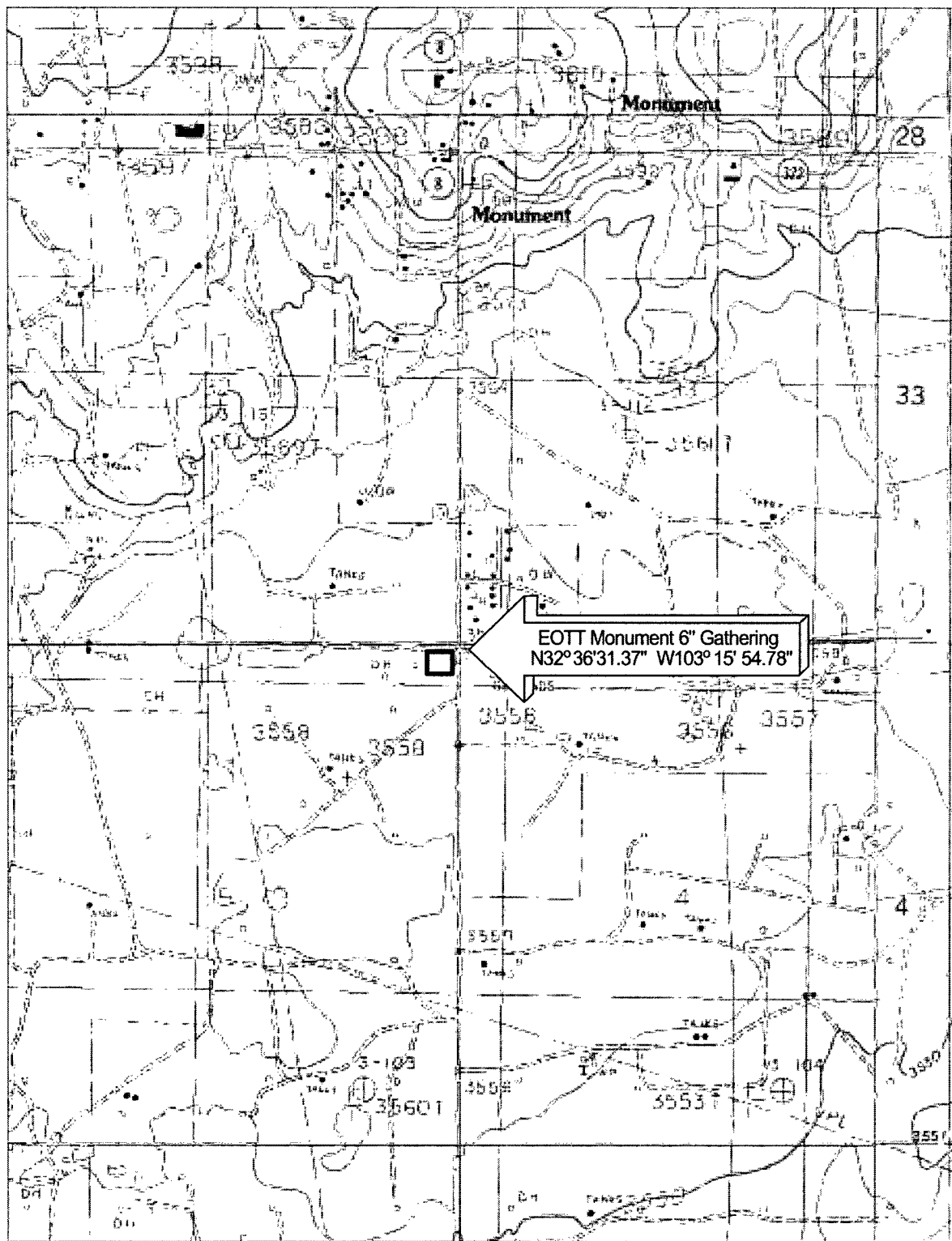


Plate2: Release Site Topography
EOTT Energy Pipeline - Monument 6" 72202
Lea County, NM; UL-A Section 05 T20S R37E

Drawn By: JCG
 Date: Aug-02
 Revised:

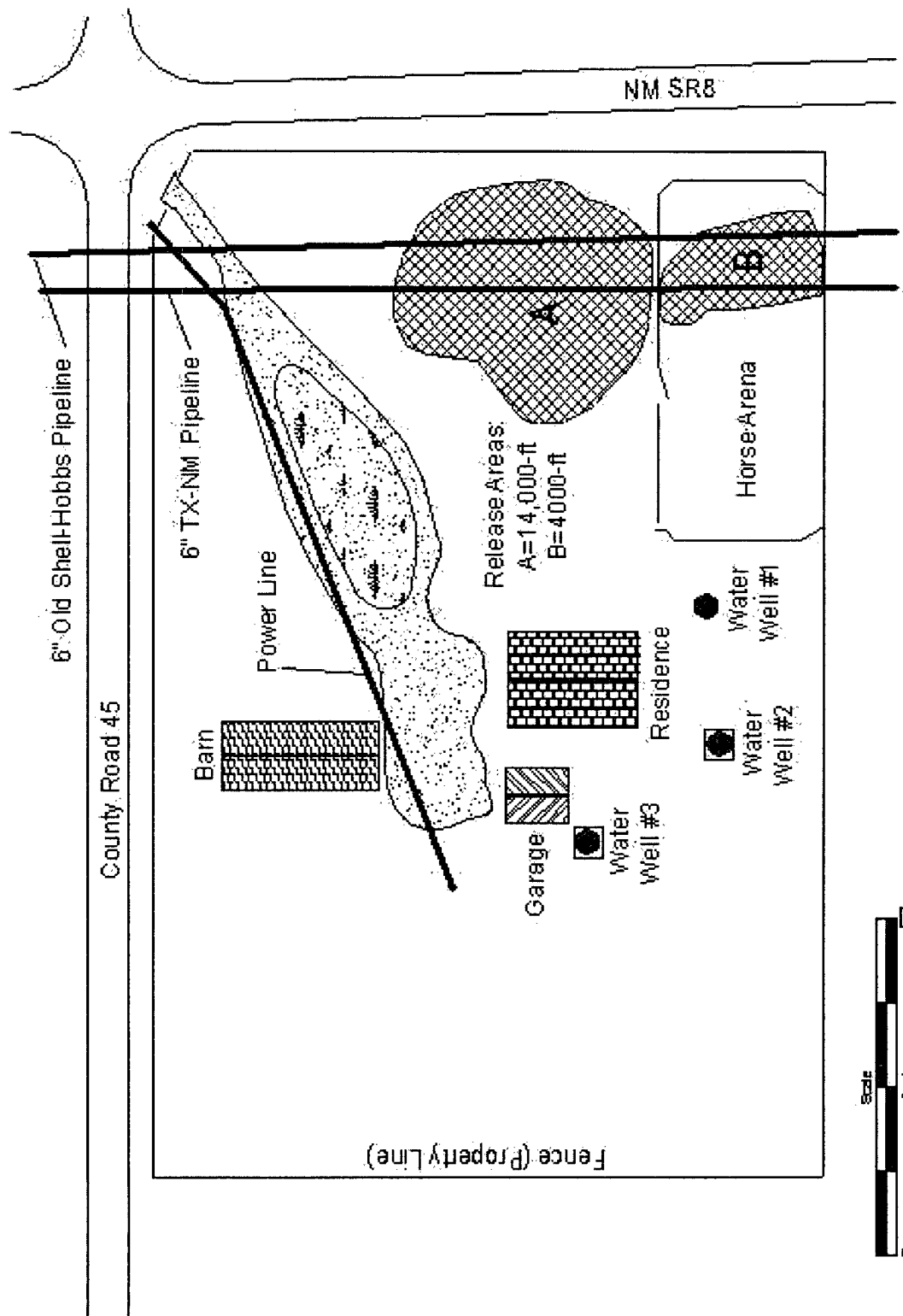


Plate 3: Release Site GPS Demarcation
EOTT Energy Pipeline- Monument 6" 72202
Lea County, NM; UL-A Section 05 T20S R37E

Drawn By: JCG
Date: Aug-02
Revised:



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

FAX

1R-399

TO:

RANDY BAYLESS

FROM:

LARRY JOHNSON

Energy Minerals and Natural Resources Department,
Oil Conservation Division

RE:

DAVIS - ZOTT MONUMENT 6" 72202

FYI

DATE:

9/3/02

INVESTIGATION OF HISTORIC SITE - HAS DETECTED SKIM
OF OIL ON GROUND WATER @ 30':

Pages (Including Transmittal)

2452
042

**ENVIRONMENTAL PLUS, INC.**
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

Micro-Blaze

Micro-Blaze Gel™

July 24, 2002

Mr. Larry Johnson, Environmental Engineer
Energy Minerals and Natural Resources Department
Oil Conservation Division, Environmental Bureau
1625 North French
Hobbs, New Mexico 88240

Subject: EOTT Energy Pipeline Monument 6" 72202 - #2002-10797
UL-A Section 5 T20S R37E, Latitude 32°36'33"N / Longitude 103° 15'55"W
Approximately 1 mile south of Monument, New Mexico

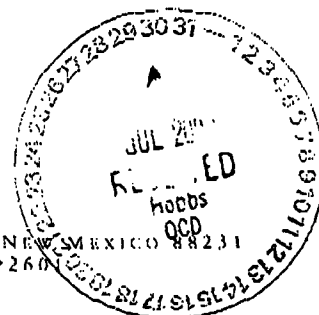
Dear Mr. Johnson,

The attached New Mexico Oil Conservation Division Form C-141 and supporting documentation is being submitted by Environmental Plus, Inc. (EPI) on behalf of Mr. Frank Hernandez, District Environmental Supervisor for EOTT Energy Pipeline for the above referenced historical leak site. The land owner of record according to the Lea County Assessor's Office is Delores Nash, who is now Delores Davis. According to Mrs. Davis, the release occurred prior to her purchase of the property in 1982. The visibly affected surface area is approximately 18,108 ft² and is covered with 3 to 4 inches of "asphaltine," a sandstone like material made up of near surface soil cemented with the non-volatile hydrocarbon components found in crude oil, i.e., asphalt, paraffin, wax, and greases. There are no records available as to the release date or volume. EOTT owns the two pipelines traversing the site; the east line is known as the "Monument 6-inch Old Shell Hobbs Pipeline" and the west line as the "Monument 6-inch Texas-New Mexico Pipeline." The source of the release will be determined during site delineation. According to the New Mexico Office of the State Engineer and the New Mexico Tech ground water database, ground water occurs in this section at an average of 25.55 feet below ground surface ('bgs'). The ground water information is compiled on the attached well location/water level map. The attached site information and metrics form summarizes and ranks the site according to the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks and Spills, 1993. Acceptable levels of Benzene, BTEX, i.e., the mass sum of Benzene, Toluene, Ethyl Benzene, and Xylenes, and Total Petroleum Hydrocarbon EPA method 8015m (TPH^{8015m}) are as follows; Benzene 10 mg/Kg, BTEX 50 mg/Kg, and TPH^{8015m} 100 mg/Kg. EOTT proposes to delineate the site and develop and submit a viable remediation plan consistent with the NMOCD approved "General Work Plan for Remediation of E.O.T.T. Pipeline Spills, Leaks and Releases in New Mexico, July 2000" and upon approval remediate the site. All official communication should be addressed to;

Mr. Frank Hernandez
E.O.T.T. Energy Pipeline
P.O. Box 1660
Midland, Texas 79703
e-mail: frank.hernandez@eott.com

P.O. BOX 1558 *** 2100 WEST AVE. D
TELEPHONE 505.394.3481

*** EUNICE, NEW MEXICO 88231
FAX 505.394.2601



ENVIRONMENTAL PLUS, INC.

**ENVIRONMENTAL PLUS, INC.***Micro-Glass**Micro-Glass Cat™*

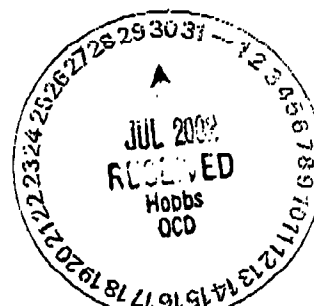
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

If there are any questions please call Mr. Ben Miller or myself at the office or at 505.390.0288 and 505.390.7864, respectively, or Mr. Frank Hernandez at 915.638.3799.

Sincerely,

Pat McCasland
EPI Technical Services Manager

cc: Frank Hernandez, ENRON Transportation Services w/enclosure
Cutty Cunningham, ENRON Transportation Services w/enclosure
Ben Miller, EPI Vice President and General Manager
Sherry Miller, EPI President
file



P.O. BOX 1558 *** 2100 WEST AVE. O *** HUNICK, NEW MEXICO 88231
TELEPHONE 505.394.3481 FAX 505.394.2601

ENVIRONMENTAL PLUS, INC.

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 March 17, 1999

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

Release Notification and Corrective Action

OPERATOR "INFORMATION ONLY NON-REPORTABLE" ☒ Initial Report ☐ Final Report

Name of Company EOTT Energy Pipeline	Contact Frank Hernandez
Address 5805 East Highway 80 / P.O. Box 1660, Midland, TX 79703	Telephone No. 915.638.3799
Facility Name Monument 6" 072202 #2002-10797	Facility Type 6" Crude Oil Pipeline

Surface Owner Delores Davis (Nash)	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter A	Section 5	Township 20S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea Lat: 32°36'33"N Lon: 103°15'56"W
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NATURE OF RELEASE

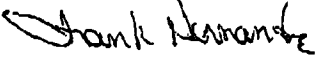
Type of Release Crude Oil	Volume of Release ? bbls	Volume Recovered ? bbls
Source of Release 6" Steel Pipeline	Date and Hour of Occurrence Before 1982	Date and Hour of Discovery ?
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour NA	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
The cause of the release is unknown.

Describe Area Affected and Cleanup Action Taken.*
Area = ~18,108 ft². 260'X120'
Site will be delineated and remediated.

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: 	OIL CONSERVATION DIVISION	
Printed Name: Frank Hernandez	Approved by District Supervisor:	
Title: District Environmental Supervisor	Approval Date:	Expiration Date:
Date: July 24, 2002 Phone: 915.638.3799	Conditions of Approval:	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

EOTT Energy Pipeline
Site Information and Metrics

Incident Date and NMOCD Notified?:

7-24-02

SITE: Monument 6" 072202 #2002-10797

Assigned Site Reference #:

Company: EOTT Energy Pipeline

Street Address: 5805 East Highway 80

Mailing Address: P.O. Box 1660

City, State, Zip: Midland, Texas 79703

Representative: Frank Hernandez, District Environmental Supervisor

Representative Telephone: 915.638.3799

Telephone:

Fluid volume released (bbls): ? Recovered (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: Monument 6" 072202

Source of contamination: Crude Oil Pipeline

Land Owner, i.e., BLM, ST, Fee, Other: Delores Davis (Nash)

LSP Dimensions 260' x 120'

LSP Area: 18,108 ft²

Location of Reference Point (RP)

Location distance and direction from RP

Latitude: 32°36'33"N

Longitude: 103°15'56"W

Elevation above mean sea level: 3,560 'amsl

Feet from South Section Line

Feet from West Section Line

Location- Unit or ¼: NE ¼ of the NE ¼

Unit Letter: A

Location- Section: 5

Location- Township: 20S

Location- Range: 37E

Surface water body within 1000' radius of site: None

Domestic water wells within 1000' radius of site: 1

Agricultural water wells within 1000' radius of site: 2

Public water supply wells within 1000' radius of site: None

Depth from land surface to ground water (DG) Estimated to be ~25.55' below ground surface

Depth of contamination (DC) -

Depth to ground water (DG - DC = DtoGW) -

1. Ground Water**2. Wellhead Protection Area****3. Distance to Surface Water Body**

If Depth to GW <50 feet: 20 points

If <1000' from water source, or; <200' from

<200 horizontal feet: 20 points

If Depth to GW 50 to 99 feet: 10 points

private domestic water source: 20 points

200-100 horizontal feet: 10 points

If Depth to GW >100 feet: 0 points

If >1000' from water source, or; >200' from
private domestic water source: 0 points

>1000 horizontal feet: 0 points

Ground water Score = 20

Wellhead Protection Area Score= 20

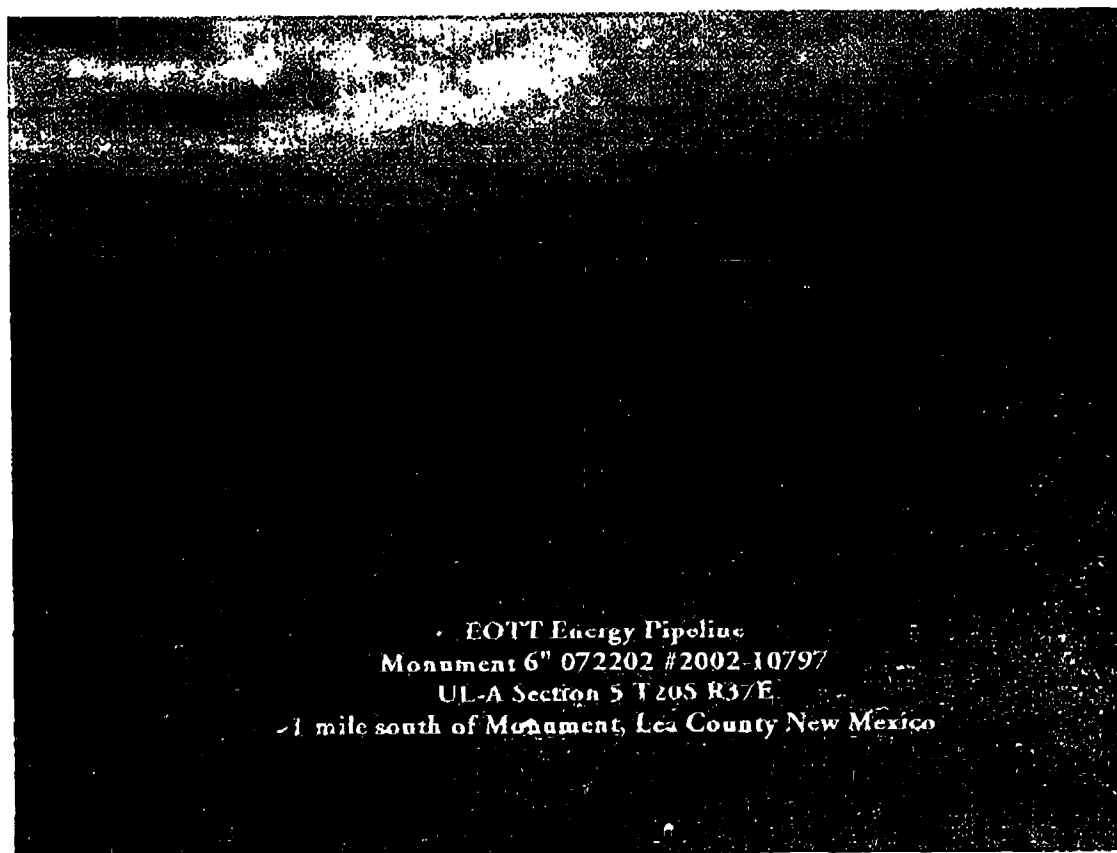
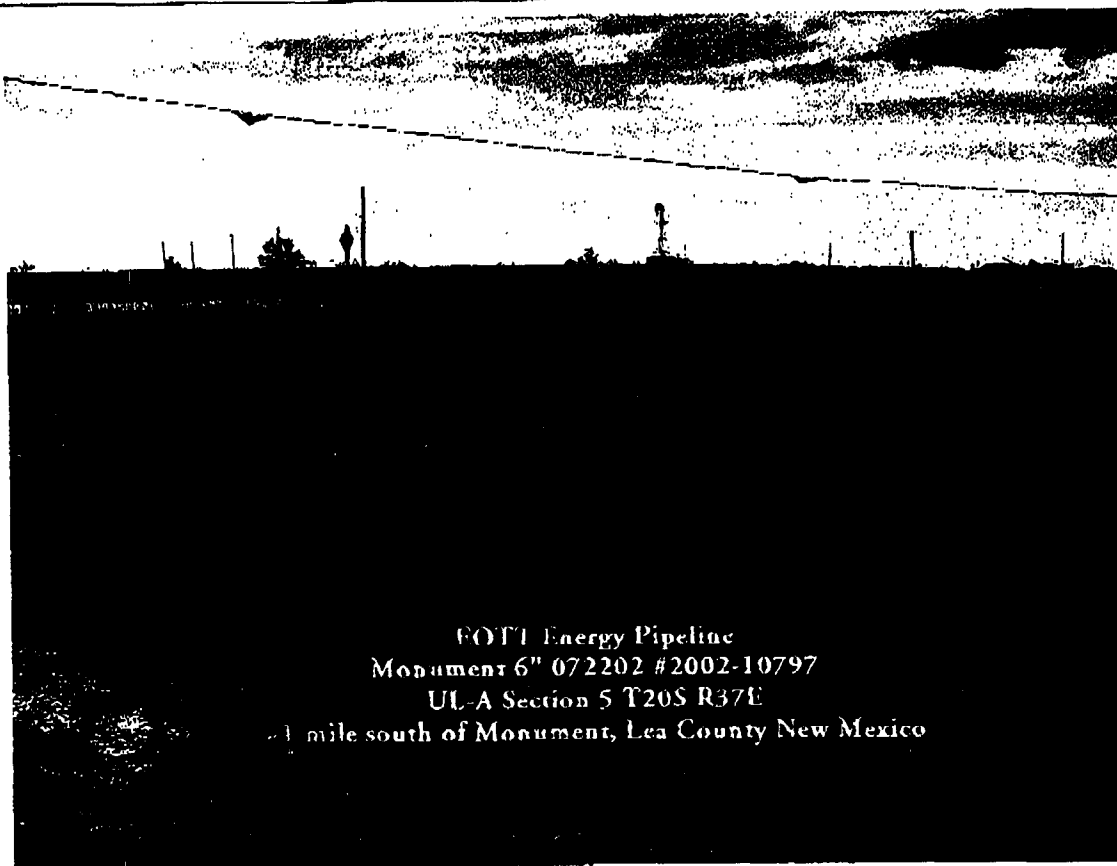
Surface Water Score= 0

Site Rank (1+2+3) = 40

Total Site Ranking Score and Acceptable Concentrations

Parameter	>19		
Benzene ¹	10 ppm		10 ppm
BTEX ¹	50 ppm		50 ppm
TPH	100 ppm		100 ppm

¹100 ppm field VOC headspace measurement may be substituted for lab analysis



New Mexico Office of the State Engineer

Page 1 of 1

**New Mexico Office of the State Engineer
Well Reports and Downloads**

Township: Range: Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic
☒ All

AVERAGE DEPTH OF WATER REPORT 07/24/2002

Ben	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	20S	37E	04				1	22	22	22
L	20S	37E	05				7	32	46	38
L	20S	37E	06				8	35	40	37

Record Count: 16

http://164.64.214.10/awdProd/awd.html?email_address=envipus1@aol.com&tws=20s&m... 7/24/2002

Topographic map of the Monument 6 area, showing contour lines, elevation points, and a grid. The map includes labels for 'Monument 6 72201', 'Oil Wells', and various elevation points such as #5967 WL 12.41' bgs Alt-3571amsl, #5921 WL 29.28' bgs Alt-3558amsl, #5915 WL 17.73' bgs Alt-3565amsl, #5882 WL 26.82' bgs Alt-3559amsl, #5878 WL 29.61' bgs Alt-3558amsl, #5881 WL 33.59' bgs Alt-3558amsl, and #5815 WL 29.4' bgs Alt-3557amsl. The map also shows a grid with coordinates 103° 14' and 103° 15' longitude, and 35° 50' and 35° 55' latitude.

EOTT Energy Pipeline

EOTT ENERGY
PIPELINE
MONUMENT 6"
72202
#2002-10797
UL-A SECTION 5
T20S R37E



N

SCALE 1:2,500



METERS

UNIVERSAL TRANSVERSE MERCATOR
15 NORTH
NAD 1983 HCON (NAD 1983)

R072315A.SSF

7/24/2002

