



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

Micro-Blaze

Micro-Blaze Out™

February 12, 2003

PC
1/25/04

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

Subject: Initial NMOCD form C-141 submittal and remediation proposal

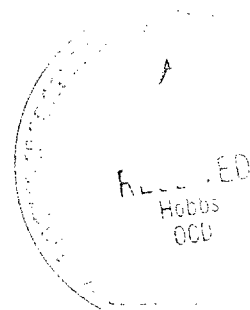
Re: EOTT Energy Pipeline Jal 14" Mainline #2003-00019
UL-K, NE¼ of the SW¼ of Section 25 T23S R37E
Latitude: 32° 16' 18.896"N Longitude: 103° 07' 01.585"W
Land owner: State of New Mexico

Dear Mr. Johnson,

The attached New Mexico Oil Conservation Division (NMOCD) 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 crude oil leak site. The land owner of record according to the Lea County Assessor's Office is the State of New Mexico. Volume released was estimated to be 1,510 bbls with 1,360 bbls recovered and reintroduced to the EOTT system. The New Mexico Office of the State Engineer internet database does not record any water wells in Sections 22, 23, 24, 25, 26 and 34, 35, 36 of T23S R37E. The New Mexico Tech Geo-information internet mapping system records two wells in the area, i.e., Well #3151, water level of 65.50 feet below the ground surface ('bgs) 3,475 feet west northwest and Well #3307 located 6,302 feet north northwest in the bottom of Monument Draw, water level 29.55'bgs. A 30' deep temporary observation well has been installed to verify water level but no water has entered the bore screened from 10 to 30'. An almost pure red clay interbed was encountered at 15'bgs and persisted to 37'bgs, at which time boring was terminated. 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. Based on the depth to ground water of 29.55'bgs (~30'bgs), the following acceptable remedial thresholds for Constituents of Concern (CoCs); 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;

- Site ranking CoC remedial goals

Benzene 10 mg/Kg
BTEX 50 mg/Kg
TPH^{8015m} 100 mg/Kg



Plains - 34053
Facility - BPAC 0603538240
Incident - NPAC 0602538407
Application - BPAC 0603054601

2100 WEST AVE. O
TELEPHONE 505.394.3481

••• EUNICE, NEW MEXICO 88231
FAX 505.394.2601

ENVIRONMENTAL PLUS, INC.



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

Micro-Blaze

Micro-Blaze Out™

EOTT proposes to dispose of the near surface saturated soil, i.e., approximately 2,980 yd³, down to approximately 1.5' bgs in the EPI Landfarm #NM 01-0013. Preliminary delineation indicates the vertical extent of contamination to not exceed 10' bgs and horizontal extents to conform to the perimeter of the spill area.

It is proposed to excavate the remaining soil, contaminated above the NMOCD guideline thresholds, into a 200' x 200' blending cell located south of the impacted area and blend with local clean soil to acceptable CoC concentrations and backfill the excavation with the blended soil, contour to grade, and reseed with a seed mix acceptable to the New Mexico State Land Office. This proposal is consistent with remediation alternatives presented in the NMOCD approved "General Work Plan for Remediation of E.O.T.T. Pipeline Spills, Leaks and Releases in New Mexico, July 2000."

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

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, EOTT, w/enclosure
William Von Drehle, EOTT, w/enclosure
Ben Miller, EPI Vice President and General Manager
Sherry Miller, EPI President
file

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: Jal 14" Mainline #2003-00019	Facility Type Crude Oil Pipeline

Surface Owner State of New Mexico	Mineral Owner	Lease No.
--------------------------------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter K	Section 25	Township 23S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea Lat.: 32°16'18.896"N Lon: 103°07'01.585"W
------------------	---------------	-----------------	--------------	---------------	------------------	---------------	----------------	---

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 1510 bbls	Volume Recovered 1360 bbls
Source of Release 14" steel pipeline	Date and Hour of Occurrence 2-01-03 2:00 AM	Date and Hour of Discovery 2-01-03 8:00 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Gary Wink, NMOCD Hobbs	
By Whom? Pat McCasland (Environmental Plus, Inc.)	Date and Hour: NMOCD notified on 2-01-03 10:00 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

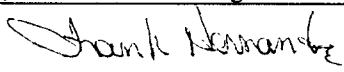
Describe Cause of Problem and Remedial Action Taken.*

The cause of the leak was internal/external corrosion. The free liquid was recovered and reintroduced to the system, a leak repair clamp installed. The upper 18" of contaminated soil will be disposed of in the EPI Landfarm. Soil will be characterized in accordance with RCRA 40 CFR 261 protocols.

Describe Area Affected and Cleanup Action Taken.*

Spill Area = ~67,050 ft² ~500' x 200' Preliminary delineation of the site shows vertical contamination to ~7'bgs. Soil below the 1.5'bgs interval will be excavated to a 200'x200' blending cell south of the site and blended and tested to acceptable levels. After laboratory verification, the blended soil will be used to backfill the excavation, the site contoured to grade and reseeded with a seed mix approved by the New Mexico State Land Office.

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: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Frank Hernandez	Approved by District Supervisor:	
Title: EOTT District Environmental Supervisor	Approval Date:	Expiration Date:
Date: February 12, 2003 Phone: 915.638.3799	Conditions of Approval:	Attached ☐

* Attach Additional Sheets If Necessary

 Site Information and Metrics		Incident Date and NMOCD Notified?: Discovered 2-01-03 NMOCD verbally notified on 2-01-03	
SITE: EOTT Jal 14" Mainline		Assigned Site Reference #: #2003-00019	
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): 1510 bbls		Recovered (bbls): 1360 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: Jal 14" Mainline			
Source of contamination: 14" Steel Crude Oil Pipeline			
Land Owner, i.e., BLM, ST, Fee, Other: State of New Mexico			
LSP Dimensions ~500' X 200'			
LSP Area: Spill Area ~67,010 ft ²			
Location of Reference Point (RP)			
Location distance and direction from RP			
Latitude: 32° 16' 18.896"N			
Longitude: 103° 07' 01.585"W			
Elevation above mean sea level: ~3,200 'amsl			
Feet from South Section Line			
Feet from West Section Line			
Location- Unit or ¼/¼: UL-K NE ¼ of the SW ¼			
Location- Section: 25			
Location- Township: 23S			
Location- Range: 37E			
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) ~30' below ground surface			
Depth of contamination (DC) - ?			
Depth to ground water (DG - DC = DtgW) - ~24 feet			
1. Ground Water		2. Wellhead Protection Area	
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: 0 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 = 20		Wellhead Protection Area Score = 0	
Site Rank (1+2+3) = 20		3. Distance to Surface Water Body	
		<200 horizontal feet: 20 points	
		200-100 horizontal feet: 10 points	
		>1000 horizontal feet: 0 points	
		Surface Water Score = 0	
Total Site Ranking Score and Acceptable Concentrations			
Parameter	>19	10-19	6-9
Benzene ¹	10 ppm	10 ppb	10 ppm
BTEX ¹	50 ppm	50 ppb	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm
¹ 100 ppm field VOC headspace measurement may be substituted for lab analysis			

**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

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

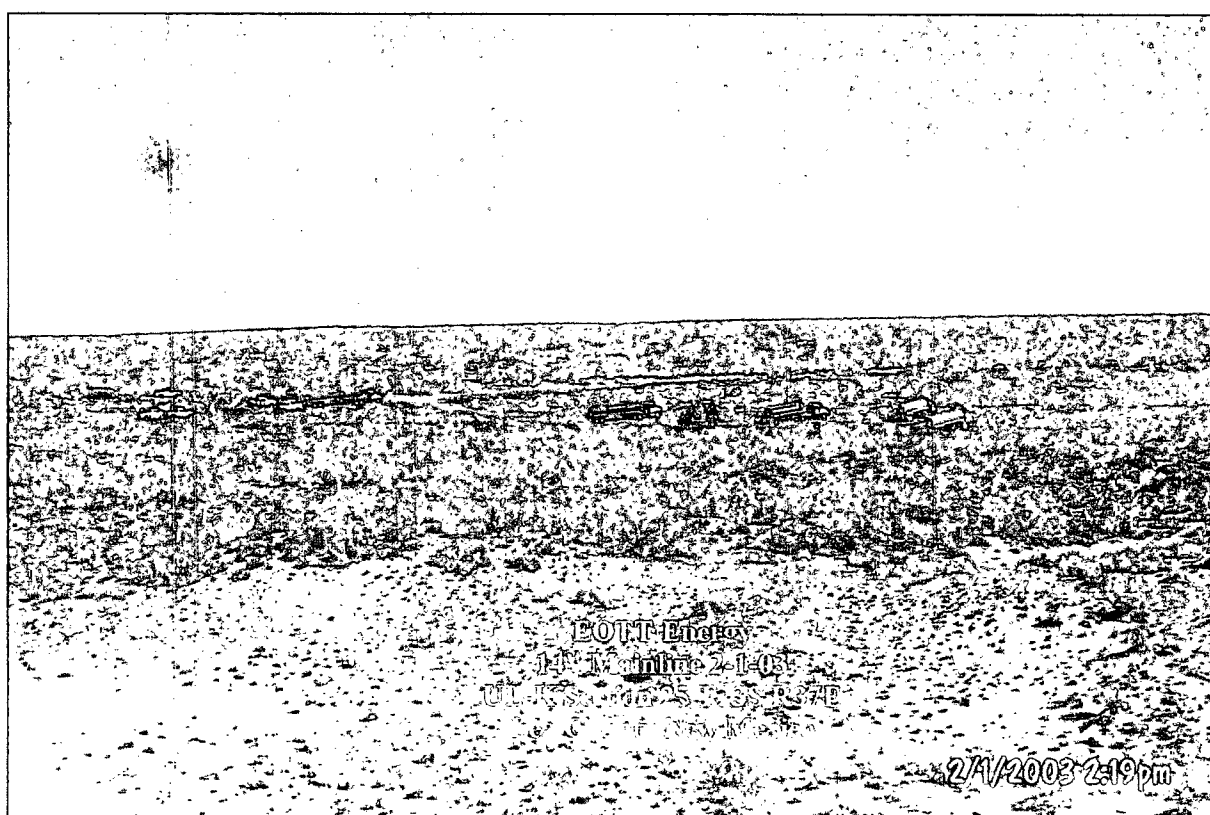
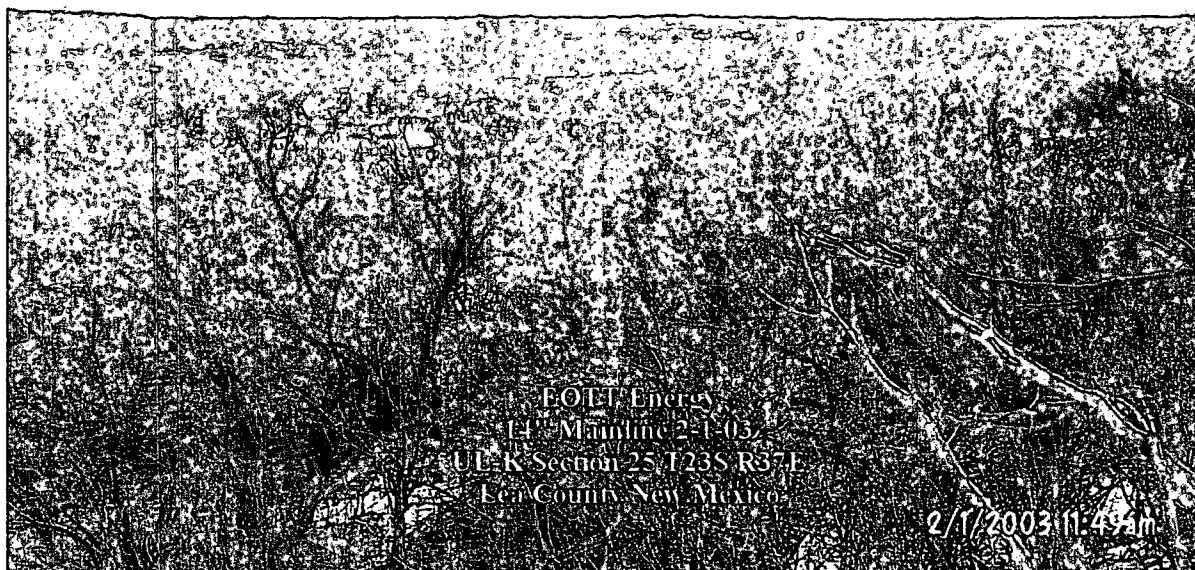
WATERS Menu

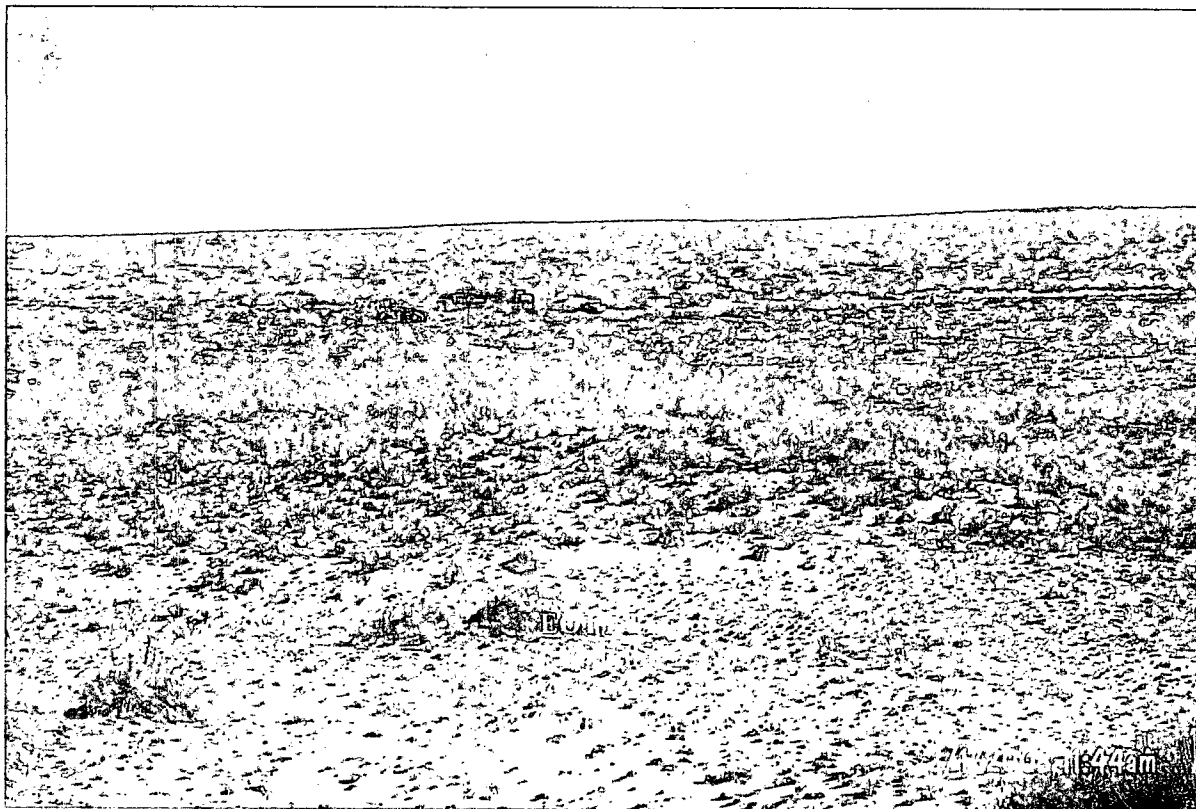
Help

AVERAGE DEPTH OF WATER REPORT 02/20/2003

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
No Records found, try again										

http://seowaters.ose.state.nm.us/awdProd/awd.html?email_address=enviplus1@aol.com&t... 2/20/2003





EOTT ENERGY
 14" MAINLINE
 2-1-03
 UL-K SEC25
 T23S R37E
 AFFECTED AREA
 ~67,050 SQFT



N ↑

SCALE 1:8,000

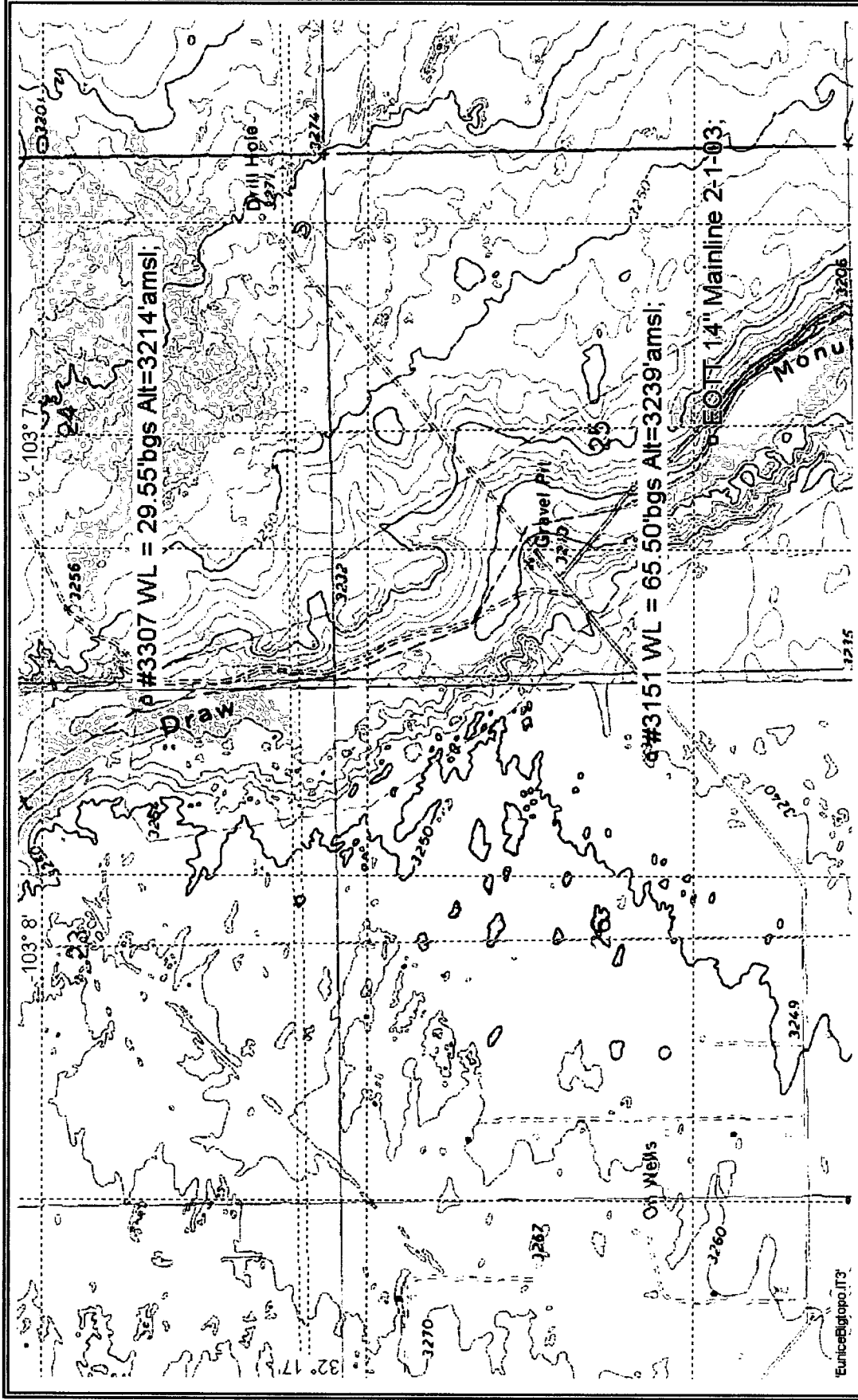


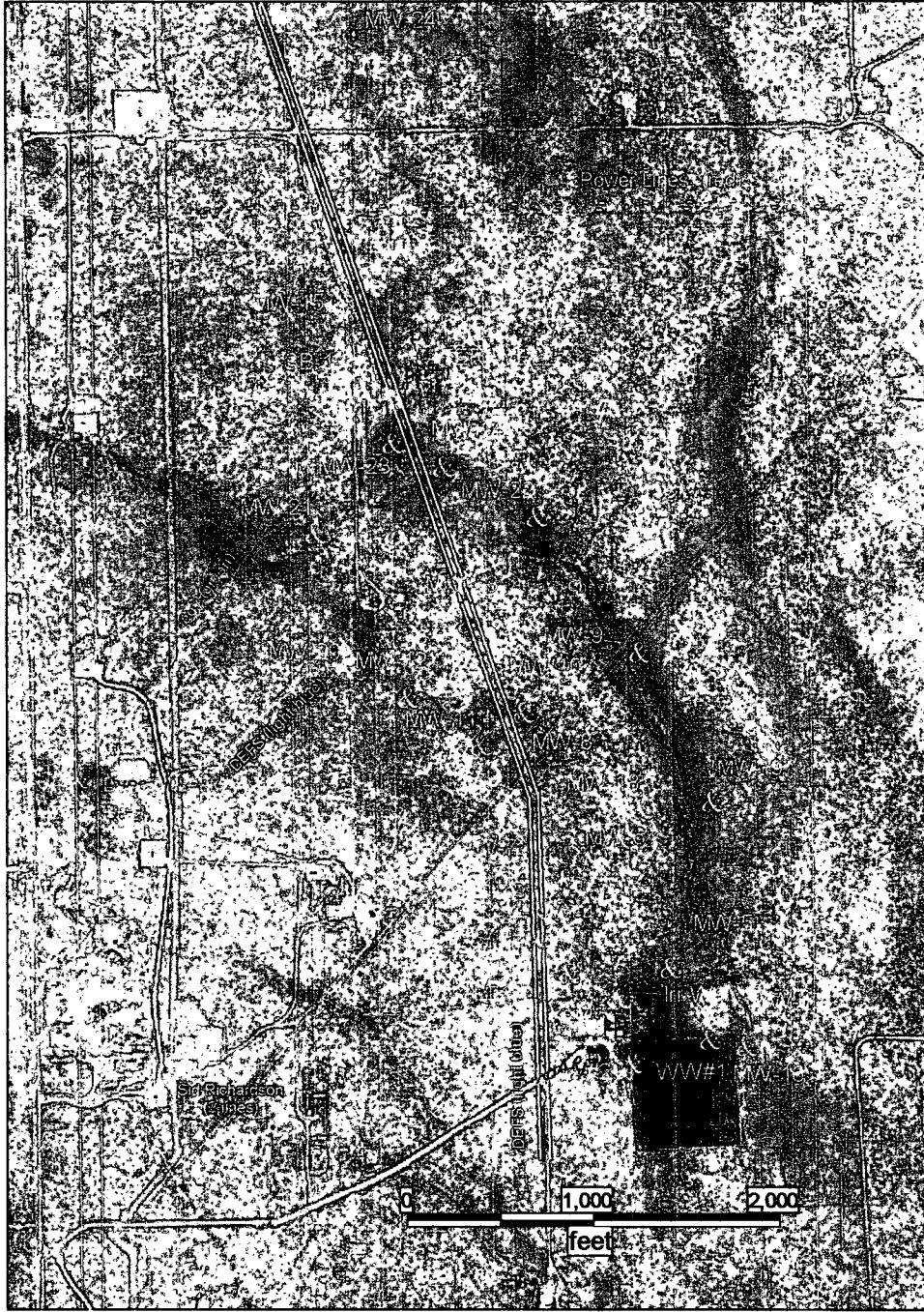
FEET

UNIVERSAL TRANSVERSE MERCATOR
 IS NORTH
 NAD 1983 HPGN (NEW MEXICO)

MULTIPLE FILES
 2/2/2003







E663000

N3615500

DUKE
 NMG-148 AE
 SITE #1
 SE OF NW S21
 T19S R37E
 LANDOWNER:
 HARRY HUSTON
 SITES #2 & #3
 SE OF NE S20
 T19S R37E
 LANDOWNER:
 NM STATE



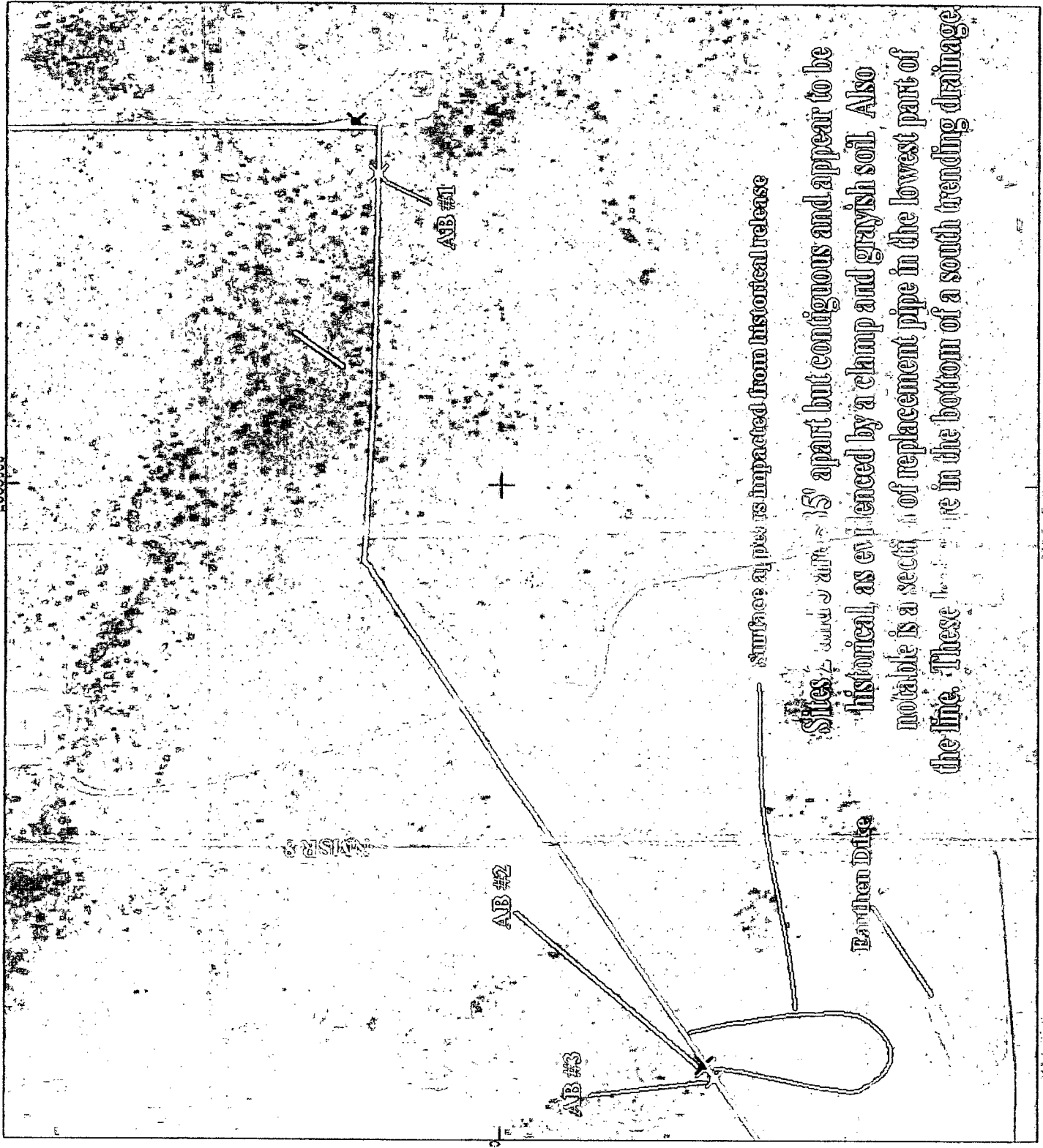
SCALE 1:5,000



FEET

UNIVERSAL TRANSVERSE MERCATOR
 13 NORTH
 NAD 1983 HPGN (NEW MEXICO)

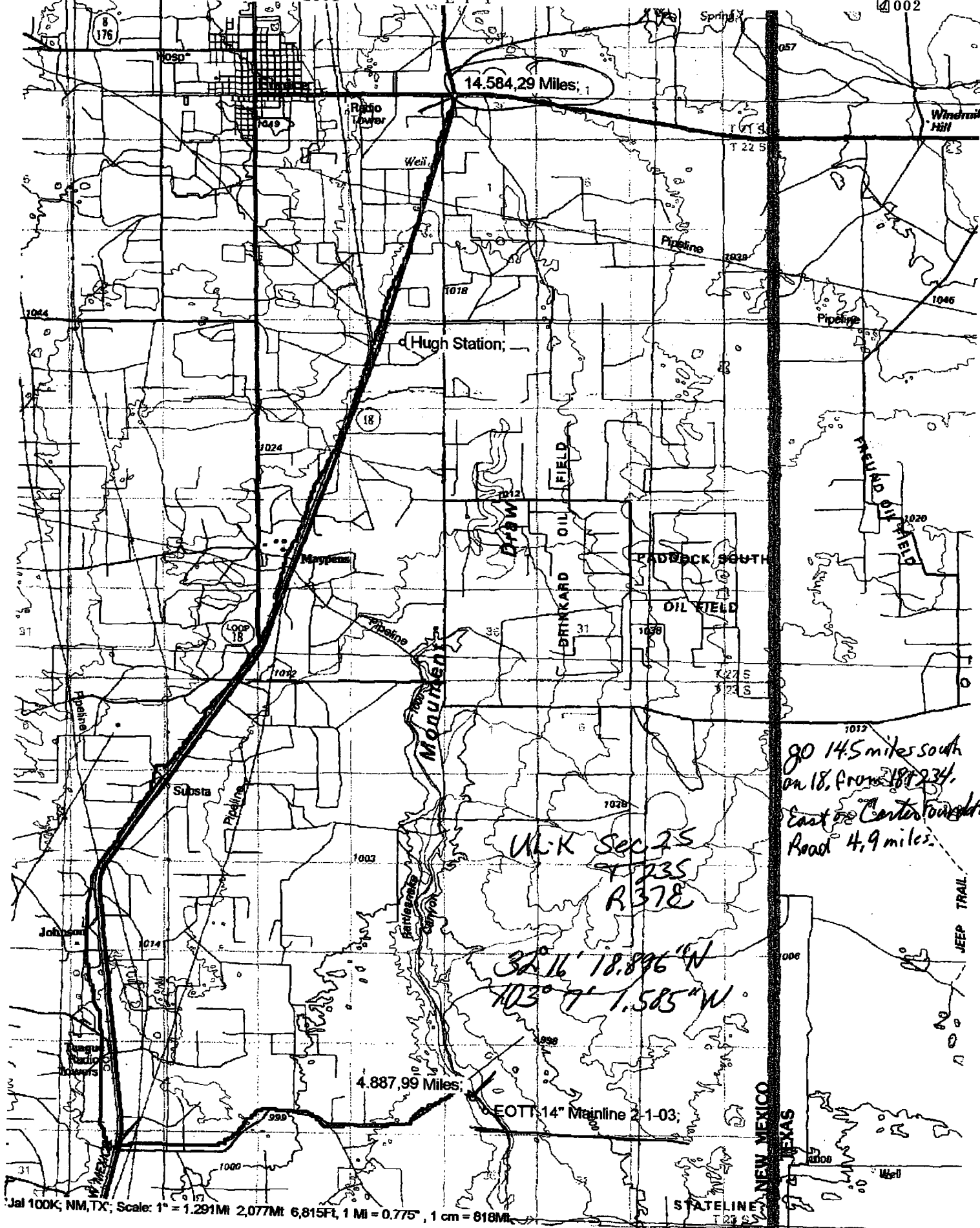
MULTIPLE FILES
 1/31/2003



Surface appears impacted from historical release

Sites are about 15' apart but contiguous and appear to be
 historical, as evidenced by a clump and grayish soil. Also
 notable is a section of replacement pipe in the lowest part of
 the line. These are in the bottom of a south trending drainage

Earthen Duke



Jal 100K; NM, TX; Scale: 1" = 1.291Mi 2,077Mi 6,815Ft, 1 Mi = 0.775", 1 cm = 818Mi

[illegible]