



ENVIRONMENTAL PLUS, INC.

STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

Micro-Blaze

Micro-Blaze Out™

PL
1/22/06

7 July 2004

Mr. Larry Johnson, Environmental Engineer
New Mexico Oil Conservation Division
1625 North French
Hobbs, New Mexico 88240

Re: Initial C-141
Duke Energy Field Services C-Line Header – Reference #130005
UL B, NW¼ of the NE¼ of Section 32, Township 17 South, Range 33 East
Latitude N 32° 47' 44.42636" and Longitude W 103° 40' 56.35762"

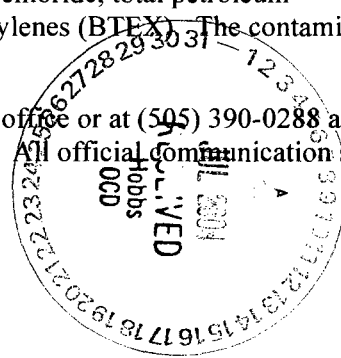
Dear Mr. Johnson,

Environmental Plus, Inc. (EPI), on behalf of Mr. Paul Mulkey, Duke Energy Field Services, L.P. (DEFS), submits the attached New Mexico Oil Conservation Division (NMOCD) form C-141 for the above referenced leak site located on land owned by Caviness Family Trust, approximately 6.25 miles southeast of Maljamar, New Mexico. The New Mexico Office of the State Engineer website database indicates there are three livestock wells within a one mile-radius of the release site. The New Mexico Office of the State Engineer's website does not list a depth to water for these wells; however, the average depth to water in this township is approximately 160 feet below ground surface (bgs). The attached site information and metrics form ranks the site in accordance with the NMOCD Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993).

A remediation plan will be developed and submitted for NMOCD approval and will address issues identified during delineation of the vertical and horizontal extents of chloride, total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and total xylenes (BTEX). The contaminated soil is exempt from RCRA 40 CFR Part 261.

If there are any questions please call Mr. Ben Miller or myself at the office or at (505) 390-0288 and (505) 390-7306, respectively or Mr. Paul Mulkey at (505) 397-5716. All official communication should be addressed to:

Mr. Paul Mulkey
Duke Energy Field Services
11525 West Carlsbad Highway
Hobbs, New Mexico 88240



Sincerely,

ENVIRONMENTAL PLUS, INC.

Iain Olness

Iain Olness, P.G.
Hydrogeologist

Duke = 229153
facility = FPAC0602035923
incident = NPAC060203607
application = PPAC0603149739

cc: Paul Mulkey, Duke Energy Field Services, w/enclosure
Lynn Ward, Duke Energy Field Services, w/enclosure
Steve Weathers, Duke Energy Field Services, w/enclosure
Ben Miller, EPI Vice President and General Manager
Sherry Miller, EPI President

ENVIRONMENTAL PLUS, INC.

Duke Energy Field Services Site Information and Metrics		Incident Date: June 28, 2004 @ 1000	NMOCD Notified: June 28, 2004 @ 1355
Site: C-Line Header		Assigned Site Reference #: 130005	
Company: Duke Energy Field Services			
Street Address:			
Mailing Address: 11525 West Carlsbad Highway			
City, State, Zip: Hobbs, New Mexico 88240			
Representative: Paul Mulkey			
Representative Telephone: (505) 397-5716			
Telephone:			
Fluid volume released (bbls): ≈ 60 barrels		Recovered (bbls): 50 barrels	
>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: C-Line Header			
Source of contamination: 8" Steel Pipeline			
Land Owner, i.e., BLM, ST, Fee, Other: Caviness Family Trust			
LSP Dimensions: 590 feet by 15.5 feet			
LSP Area: ≈9,205 ft ²			
Location of Reference Point (RP):			
Location distance and direction from RP:			
Latitude: N 32° 47' 44.42636"			
Longitude: W 103° 40' 56.35762"			
Elevation above mean sea level: 4,055			
Feet from South Section Line:			
Feet from West Section Line:			
Location- Unit or ¼: NW¼ of the NE¼		Unit Letter: B	
Location- Section: 32			
Location- Township: T17S			
Location- Range: R33E			
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): ≈ 160' below ground surface			
Depth of contamination (DC): Unknown			
Depth to ground water (DG – DC = DtGW): > 100'			
1. Ground Water		2. Wellhead Protection Area	
If Depth to GW <50 feet: <i>20 points</i>		If <1000' from water source, or; <200' from private domestic water source: <i>20 points</i>	
If Depth to GW 50 to 99 feet: <i>10 points</i>			
If Depth to GW >100 feet: <i>0 points</i>		If >1000' from water source, or; >200' from private domestic water source: <i>0 points</i>	
<i>Ground water Score = 0</i>		<i>Wellhead Protection Area Score = 0</i>	
<i>Site Rank (1+2+3) = 0</i>			
Total Site Ranking Score and Acceptable Concentrations			
Parameter	>19	10-19	0-9
Benzene ¹	10 ppm	10 ppm	10 ppm
BTEX ¹	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm
¹ 100 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
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

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services	Contact Paul Mulkey
Address 11525 West Carlsbad Highway Hobbs, New Mexico 88240	Telephone No. (505) 397-5716
Facility Name C-Line Header	Facility Type 8" Steel Pipeline

Surface Owner Caviness Family Trust	Mineral Owner	Lease No.
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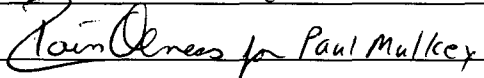
LOCATION OF RELEASE

Unit Letter B	Section 32	Township T17S	Range R33E	Feet from the North/South Line	Feet from the East/West Line	County: Lea Lat. N 32° 47' 44.426" Lon. W 103° 40' 56.357"
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NATURE OF RELEASE

Type of Release Natural Gas Pipeline Fluids	Volume of Release 60 barrels	Volume Recovered 50 barrels
Source of Release 8" steel pipeline operating at 20 lbs with a normal daily flow rate of 2.5 million gallons per day	Date and Hour of Occurrence June 28, 2004 @ 1000	Date and Hour of Discovery June 28, 2004 @ 1330
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom? Lynn Ward of DEFS	Date and Hour June 28, 2004 @ 1355	
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.* Polyethylene line began leaking. Clamp Installed.		
Describe Area Affected and Cleanup Action Taken.* Soil contaminated above the NMOCD Remedial Guidelines will be disposed of at an approved facility or remediated on site. Remedial Goals: TPH = 5,000 mg/Kg, benzene = 10 mg/Kg, and BTEX = 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: 	OIL CONSERVATION DIVISION	
Printed Name: Paul Mulkey	Approved by District Supervisor:	
E-mail Address: pdmulkey@duke-energy.com		
Title: Maintenance Construction Supervisor	Approval Date:	Expiration Date:
Date: Phone: (505) 397-5716	Conditions of Approval:	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

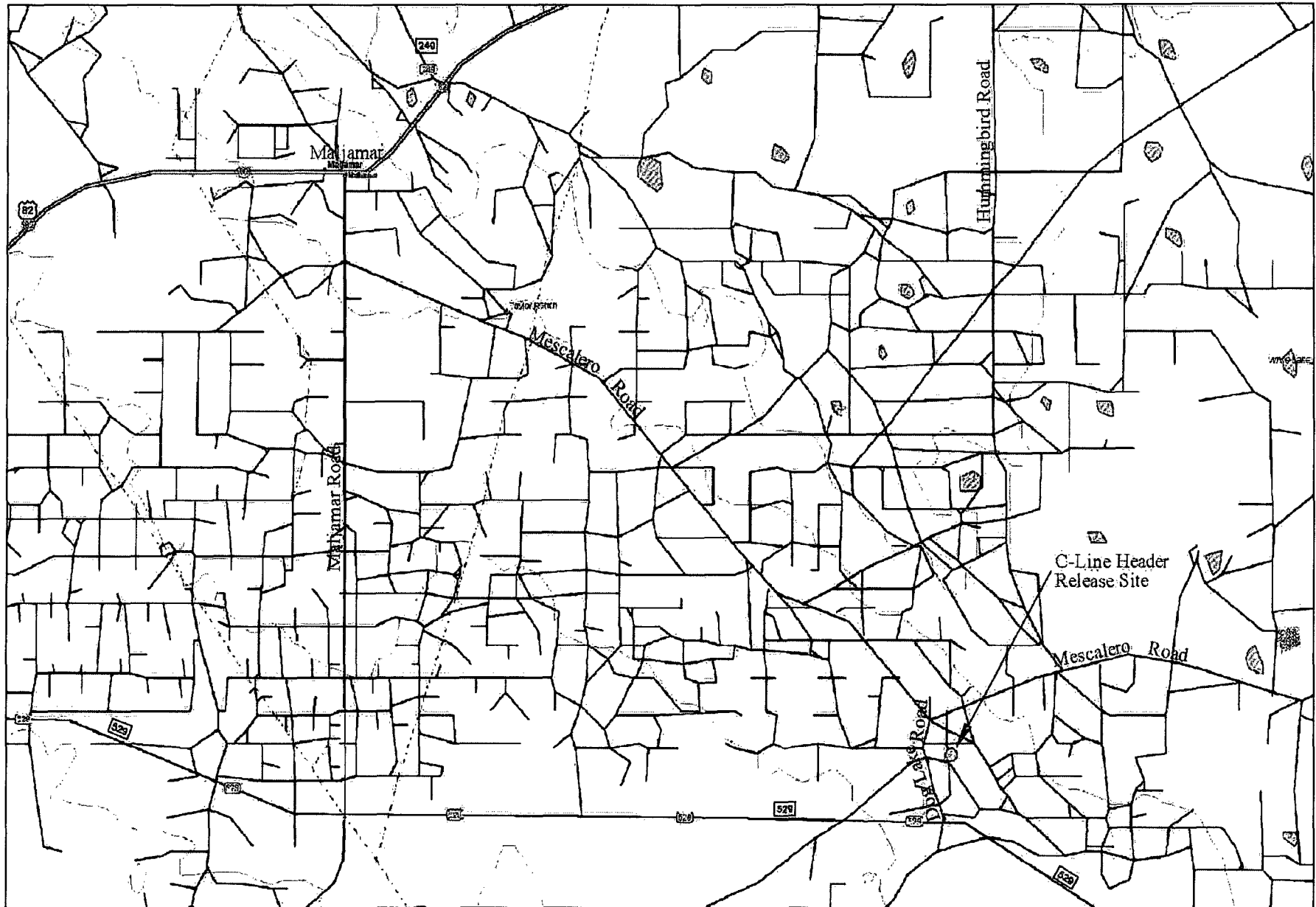


Figure 1
Area Map
Duke Energy Field Services
C-Line Header

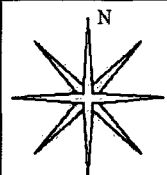
Lea County, New Mexico
 NW 1/4 of the NE 1/4, Sec. 32, T17S, R33E
 N 32° 47' 44.4" W 103° 40' 56.3"
 Elevation: 4,055 feet amsl

DWG By: Iain Olness
 June 2004

REVISED:



SHEET
 1 of 1



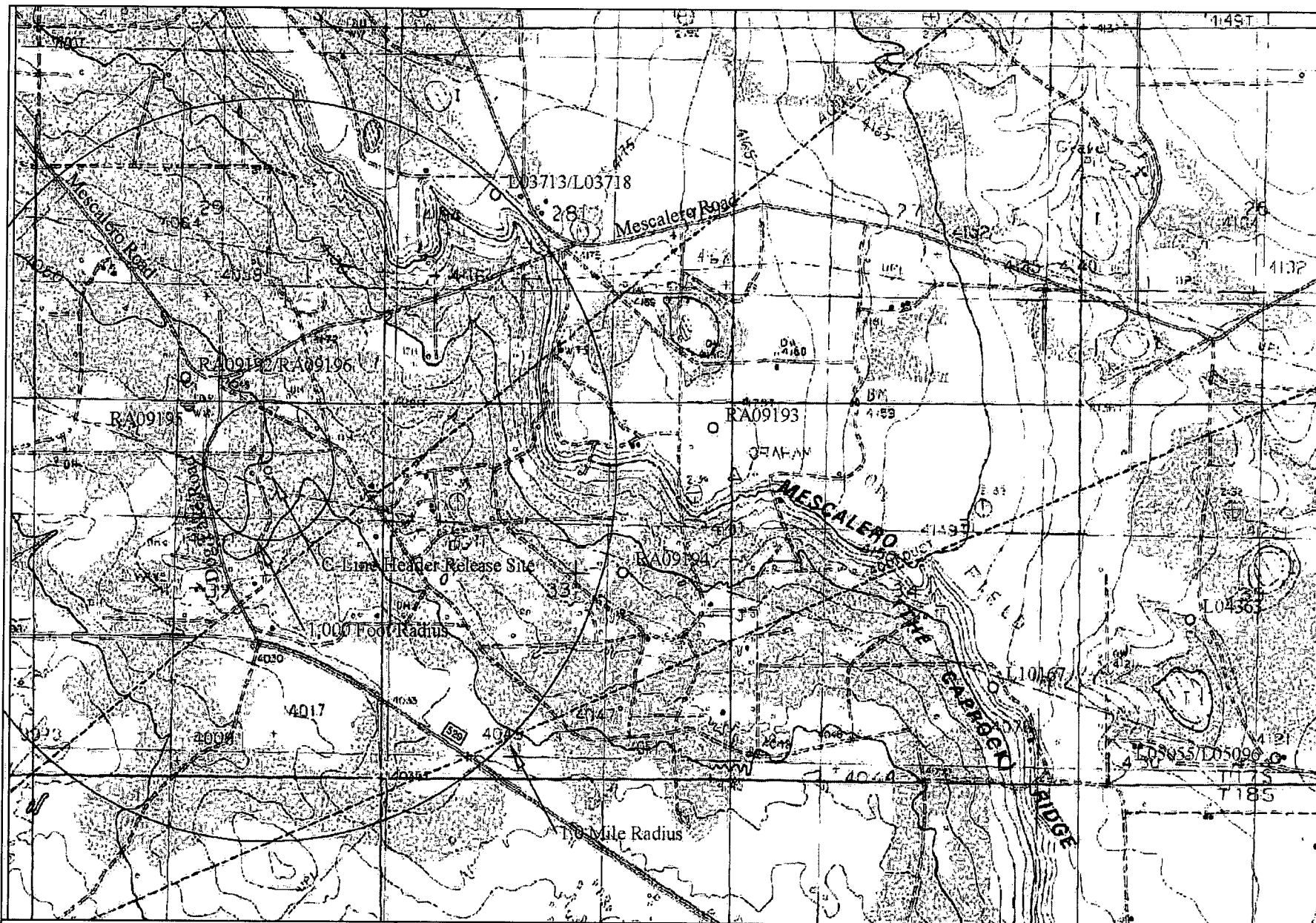


Figure 2
Site Location Map
Duke Energy Field Services
C-Line Header

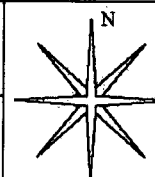
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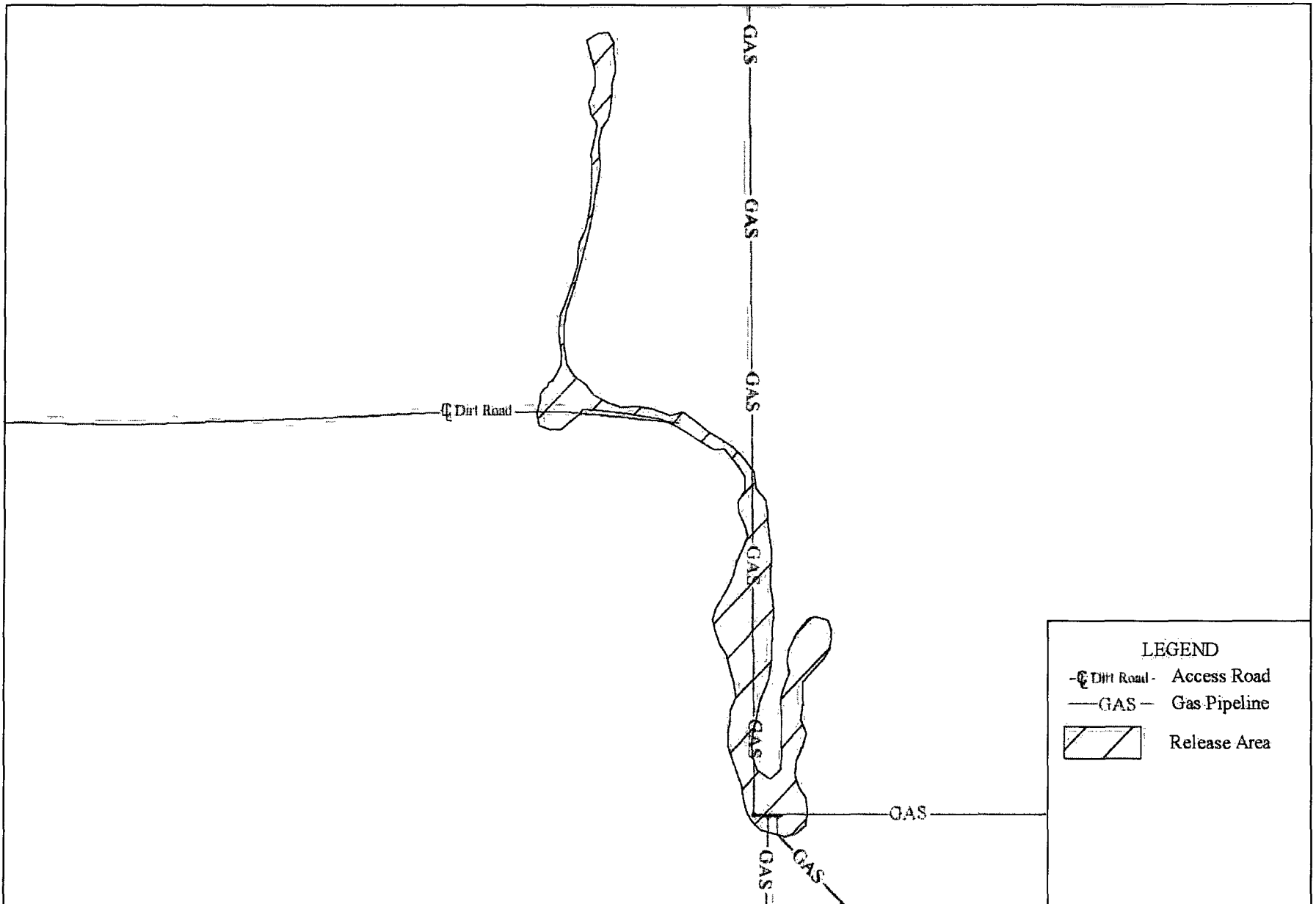
DWG By: Iain Olness
 June 2004

REVISED:



SHEET
 1 of 1






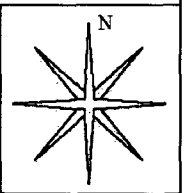
LEGEND

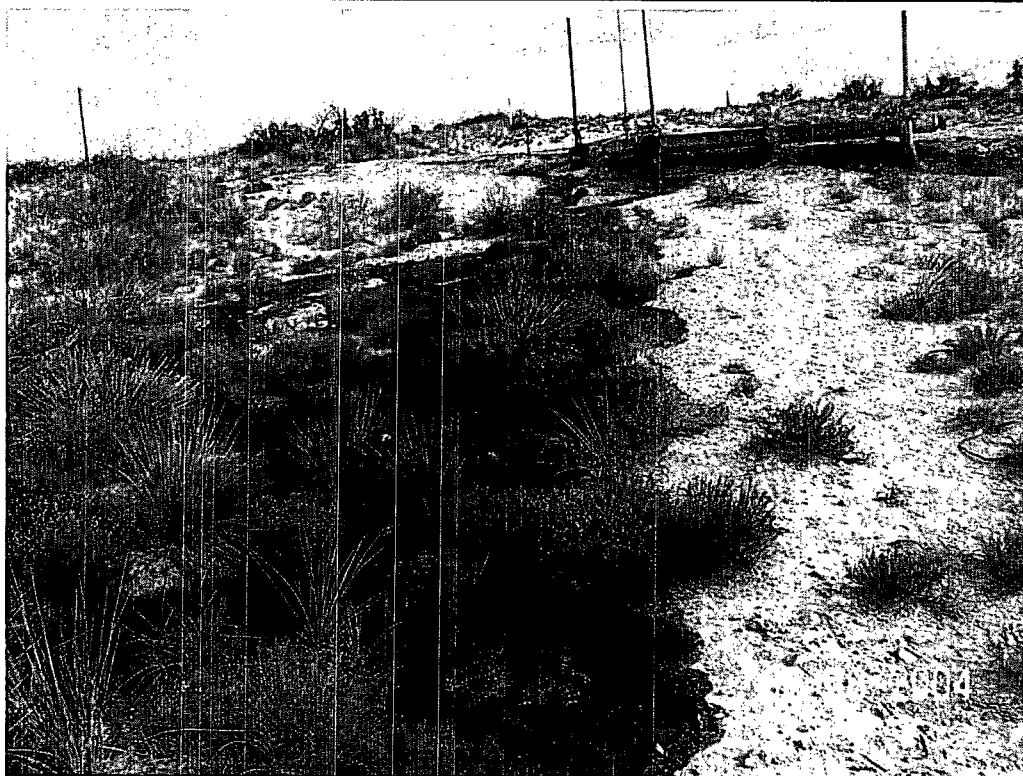
- Dirt Road - Access Road

- GAS - Gas Pipeline

 Release Area

<p>Figure 3 Site Map Duke Energy Field Services C-Line Header</p>	<p>Lea County, New Mexico NW 1/4 of the NE 1/4, Sec. 32, T17S, R33E N 32° 47' 44.4" W 103° 40' 56.3" Elevation: 4,055 feet amsl</p>	<p>DWG By: Iain Olness June 2004</p>	<p>REVISED:</p>	<p>SHEET 1 of 1</p>
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Photograph #1: Release area, looking south towards the point of release along the east flow path.



Photograph #2: Release area, looking southeasterly towards the point of release along the west flow path.