



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

Micro-Blaze

Micro-Blaze Out™

30 June 2004

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

PC
1/20/04

Re: Initial C-141
Duke Energy Field Services J-4-2-7-4 – Reference #130004
UL M, SW¼ of the SW¼ of Section 8, Township 19 South, Range 35 East
Latitude N 32° 40' 8.09754" and Longitude W 103° 29' 6.3812"

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 Snyder Ranches, approximately 20 miles west-southwest of Hobbs, New Mexico. The New Mexico Office of the State Engineer website database indicates there are five water supply wells within a one mile-radius of the release site, with an average depth to groundwater of approximately 45 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:

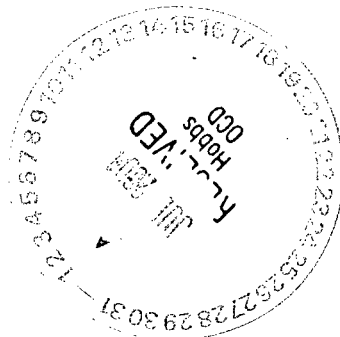
Mr. Paul Mulkey
Duke Energy Field Services
11525 West Carlsbad Highway
Hobbs, New Mexico 88240

Sincerely,

ENVIRONMENTAL PLUS, INC.

Iain Olness, P.G.
Hydrogeologist

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
file



Duke = 229153
facility = FPA0602038650
Incident = nPA0602038812
application = pPA0603149482

ENVIRONMENTAL PLUS, INC.

Duke Energy Field Services Site Information and Metrics		Incident Date: June 21, 2004 @ 1300	NMOCD Notified: June 21, 2004 @ 1700
Site: J-4-2-7-4		Assigned Site Reference #: 130004	
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): ~ 8 barrels		Recovered (bbls): 0 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: J-4-2-7-4			
Source of contamination: 6" Polyethylene Pipeline			
Land Owner, i.e., BLM, ST, Fee, Other: Snyder Ranches			
LSP Dimensions: 80 feet by 35 feet			
LSP Area: ~2,780 ft ²			
Location of Reference Point (RP):			
Location distance and direction from RP:			
Latitude: N 32° 40' 8.09754"			
Longitude: W 103° 29' 6.3812"			
Elevation above mean sea level: 3,838			
Feet from South Section Line:			
Feet from West Section Line:			
Location- Unit or ¼/¼: SW¼ of the SW¼		Unit Letter: M	
Location- Section: 8			
Location- Township: T19S			
Location- Range: R35E			
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): ~ 45' below ground surface			
Depth of contamination (DC): Unknown			
Depth to ground water (DG – DC = DtGW): < 50'			
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 private domestic water source: 20 points	<200 horizontal feet: 20 points 200-100 horizontal feet: 10 points	
If Depth to GW 50 to 99 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 = 0	Wellhead Protection Area Score = 0	Surface Water Score = 0	
Site Rank (1+2+3) = 0			
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 J-4-2-7-4	Facility Type 6" Polyethylene Pipeline

Surface Owner Snyder Ranches	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter M	Section 8	Township T19S	Range R35E	Feet from the North/South Line	Feet from the East/West Line	County: Lea Lat. N 32° 40' 8.09754" Lon. W 103° 29' 6.3812"
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NATURE OF RELEASE

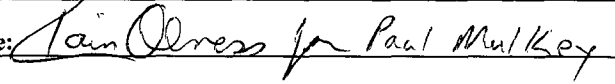
Type of Release Natural Gas Pipeline Fluids	Volume of Release 8 barrels	Volume Recovered 0 barrels
Source of Release 6" polyethylene pipeline operating at 25 lbs with a normal daily flow rate of 30 MCF	Date and Hour of Occurrence June 21, 2004 @ 1100	Date and Hour of Discovery June 21, 2004 @ 1600
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom? Iain Olness of EPI	Date and Hour June 23, 2004 @ 1120	
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 = 100 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

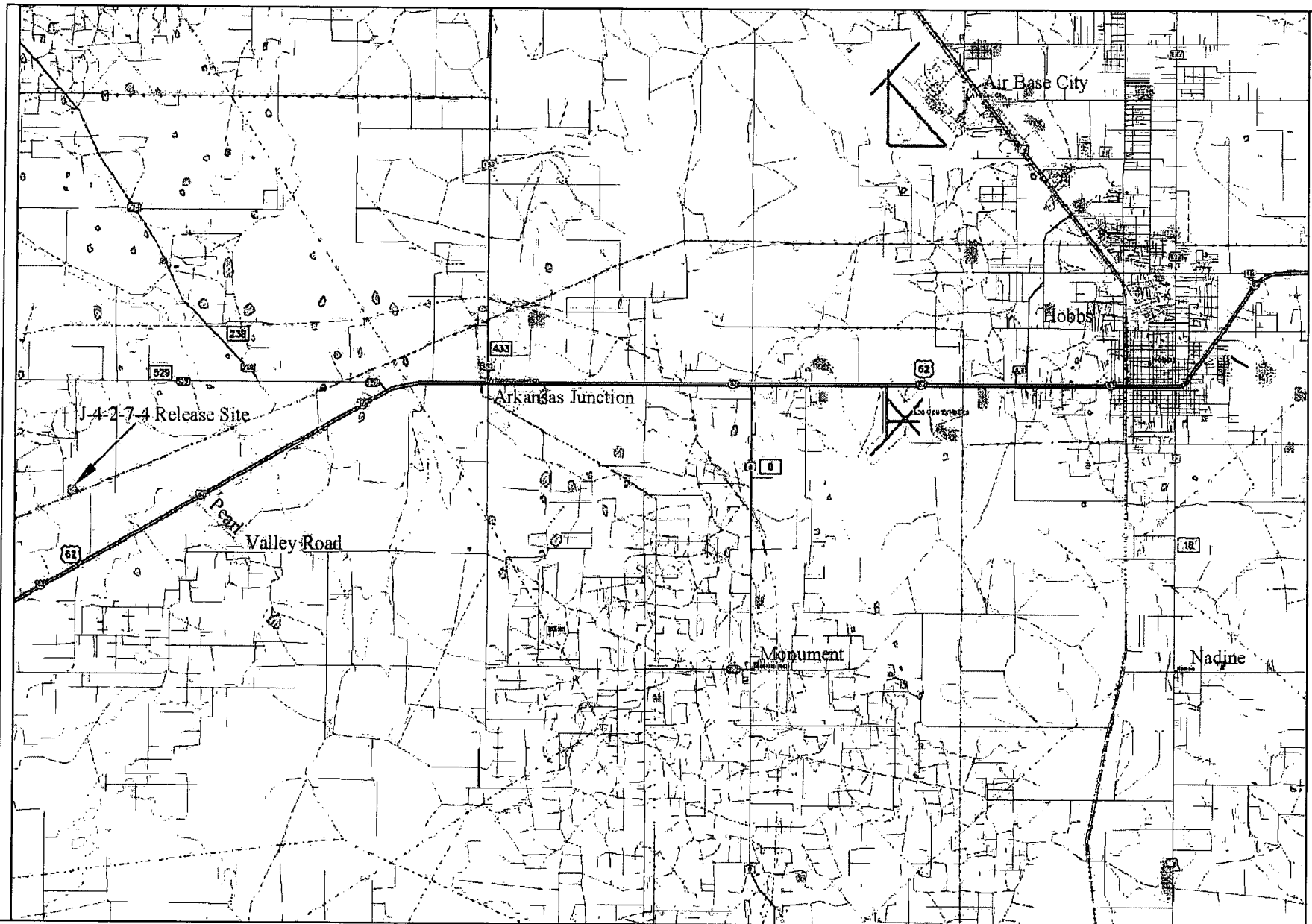


Figure 1
Area Map
Duke Energy Field Services
J-4-2-7-4

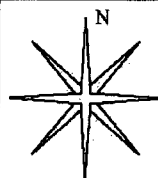
Lea County, New Mexico
 SW 1/4 of the SW 1/4, Sec. 8, T19S, R35E
 N 32°40' 8.10" W 103°29' 6.38"
 Elevation: 3,838 feet amsl

DWG By: Iain Olness
 June 2004

REVISED:



SHEET
 1 of 1



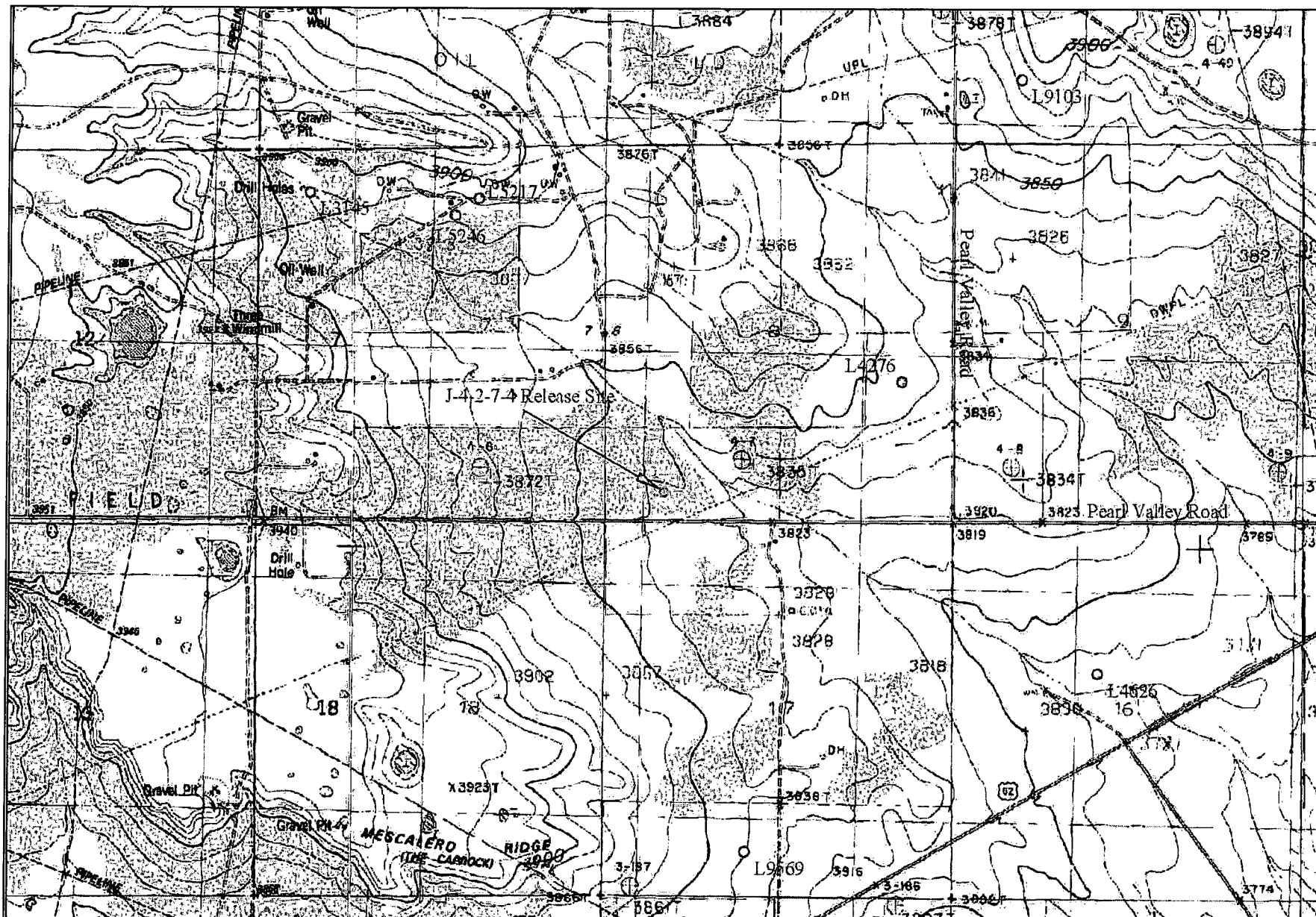


Figure 2
Area and Water Well Location Map
Duke Energy Field Services
J-4-2-7-4

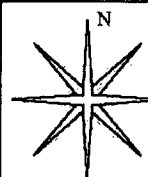
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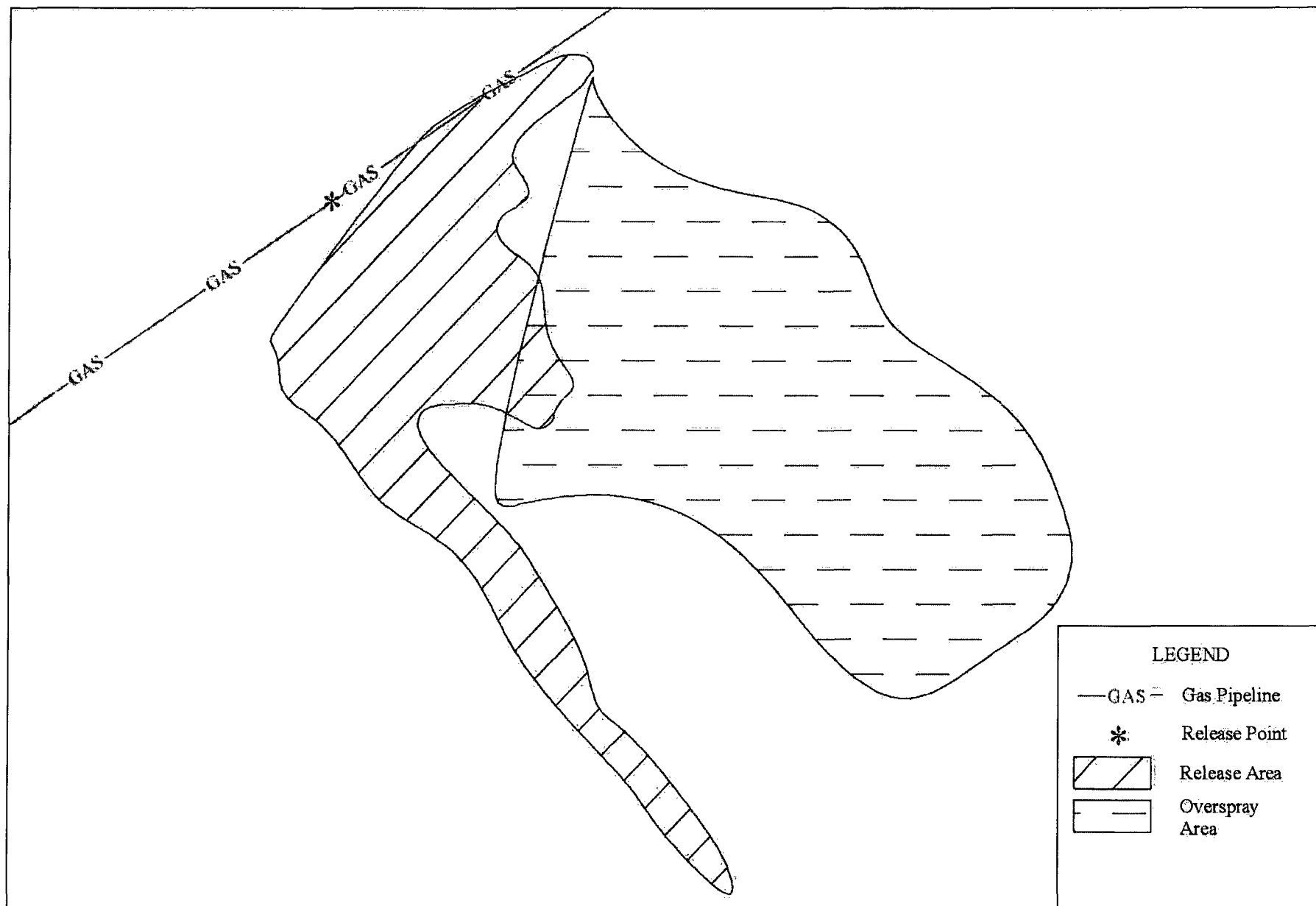
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June 2004

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SHEET
1 of 1





LEGEND


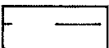
- GAS — Gas Pipeline
 * Release Point
 Release Area
 Overspray Area

Figure 3
Site Map
Duke Energy Field Services
J-4-2-7-4

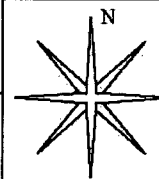
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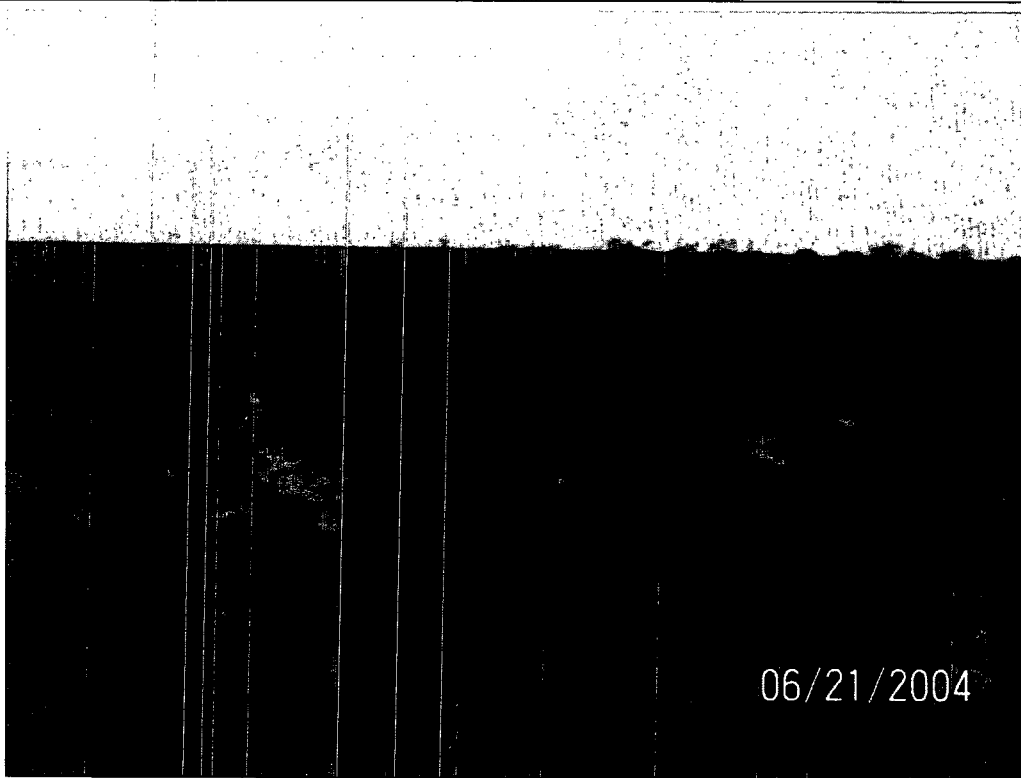
DWG By: Iain Olness
 June 2004

REVISED:

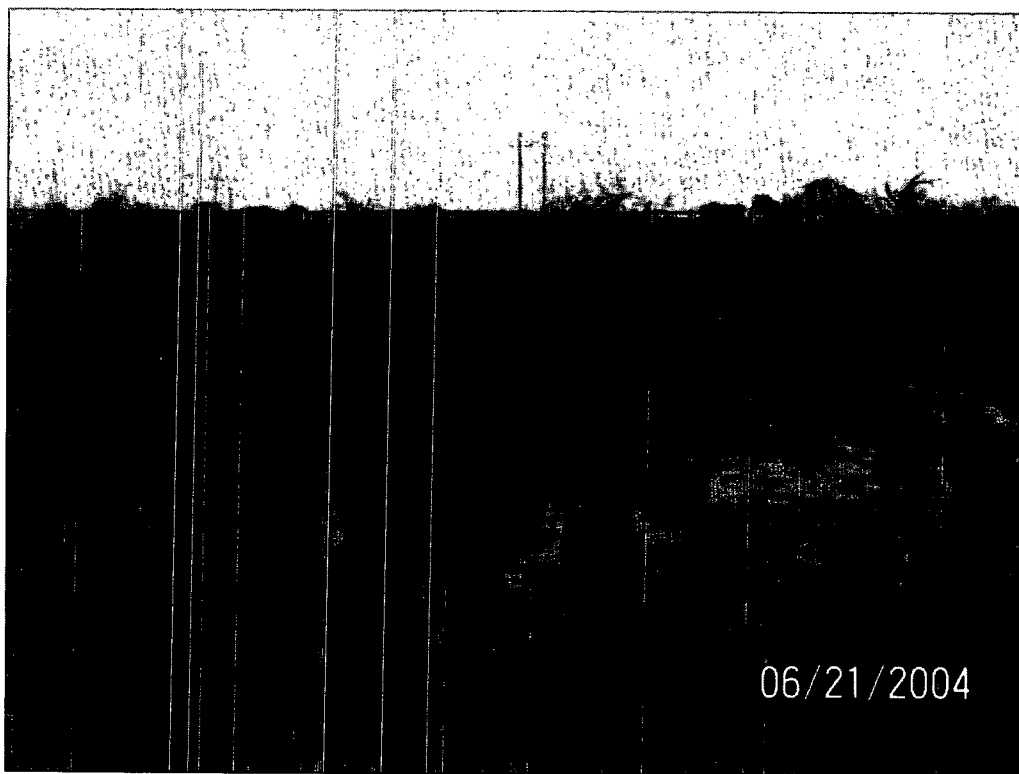


SHEET
 1 of 1





Photograph #1: Release area, looking easterly from the point of release.



Photograph #2: Release area, looking southeasterly.