



ENVIRONMENTAL PLUS, INC.

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STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

PC
1/20/06

3 May 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 G28-4, Reference #130002
UL P, SE¼ of the SE¼ of Section 21 T22S R36E
Latitude N 32° 22' 23.06" and Longitude W 103° 15' 52.09"

Dear Mr. Johnson,

Environmental Plus, Inc. (EPI), on behalf of Mr. Paul Mulkey, Duke Energy Field Services, submits the attached New Mexico Oil Conservation Division (NMOCD) form C-141 for the above referenced leak site located on land owned by the Miller Deck Estate, approximately 7.66 miles southwest of Eunice, New Mexico. The New Mexico Office of the State Engineer records indicate an average area depth to groundwater of 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)*.

Based on initial field observations, it was believed that the release was less than five barrels in volume; however, upon the receipt of initial laboratory analytical results, the size of the release can not be verified to be less than five barrels in volume. Based on the laboratory analytical results, Duke Energy Field Services requested EPI to submit an Initial C-141

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 contamination of the Constituents of Concern (CoCs) (i.e., chloride, sulfates, total petroleum hydrocarbons as gasoline and diesel, benzene, toluene, ethylbenzene and total xylenes (BTEX)). The contaminated soil is exempted from RCRA 40 CFR Part 261.

Duke = 229153
facility = FPAC 0602039293
incident = nPAC 0602039412
application pPAC 0603139831



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

☒ Initial Report ☐ Final Report

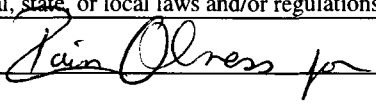
| | |
|---|---|
| Name of Company Duke Energy Field Services | Contact Paul Mulkey |
| Address 11525 West Carlsbad Highway Hobbs, New Mexico 88240 | Telephone No. (505) 397-5716 |
| Facility Name G28-4 | Facility Type 8" Steel Pipeline |

| | | |
|--|----------------------|------------------|
| Surface Owner Miller Deck Estate | Mineral Owner | Lease No. |
|--|----------------------|------------------|

LOCATION OF RELEASE

| | | | | | | |
|-------------------------|----------------------|-------------------------|----------------------|---------------------------------------|-------------------------------------|---|
| Unit Letter P | Section 21 | Township T22S | Range R36E | Feet from the North/South Line | Feet from the East/West Line | County: Lea Lat. N 32° 22' 23.06" Lon. W 103° 15' 52.09" |
|-------------------------|----------------------|-------------------------|----------------------|---------------------------------------|-------------------------------------|---|

NATURE OF RELEASE

| | | |
|--|--|--|
| Type of Release Natural Gas Pipeline Fluids | Volume of Release unknown barrels | Volume Recovered 0 barrels |
| Source of Release 8" Steel Pipeline | Date and Hour of Occurrence Duke Energy Field Services | Date and Hour of Discovery 04-14-04 @ 1600 hrs |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Larry Johnson | |
| By Whom? Iain Olness, EPI | Date and Hour 3 May 2004 @ 0730 hrs | |
| 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.* Steel line began leaking due to internal corrosion. Pipe replaced and line tested. | | |
| Describe Area Affected and Cleanup Action Taken.* Approximately 1,205 square feet of pipeline right-of-way and pasture land were affected by the release. Soil contaminated above the NMOCD Remedial Guidelines will be disposed of at an approved facility or remediated on site. Remedial Goals: TPH 8015m = 5,000 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:  | 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: 3 May 2004 Phone: (505) 397-5716 | Conditions of Approval: | Attached <input type="checkbox"/> |

* Attach Additional Sheets If Necessary

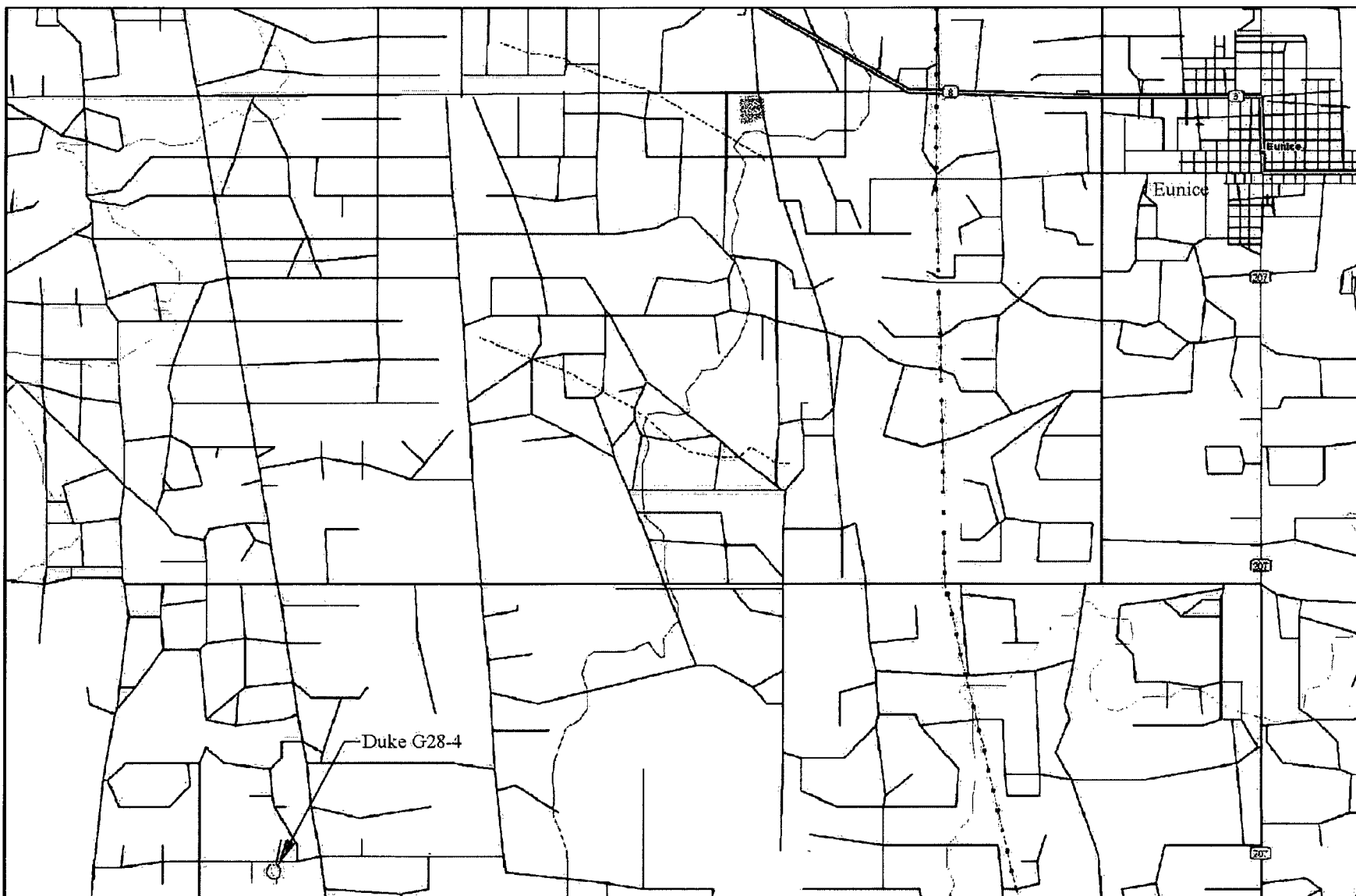
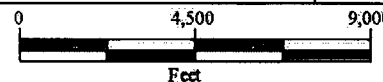


Figure 1
Area Map
Duke Energy Field Services
Duke G28-4

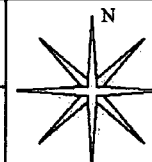
Lea County, New Mexico
SE 1/4 of the SE 1/4, Sec. 21, T22S, R36E
N 32° 22' 23.1" W 103° 15' 52.1"
Elevation: 3,507 feet amsl

DWG By: Iain Olness
April 2004

REVISED:



SHEET
1 of 1



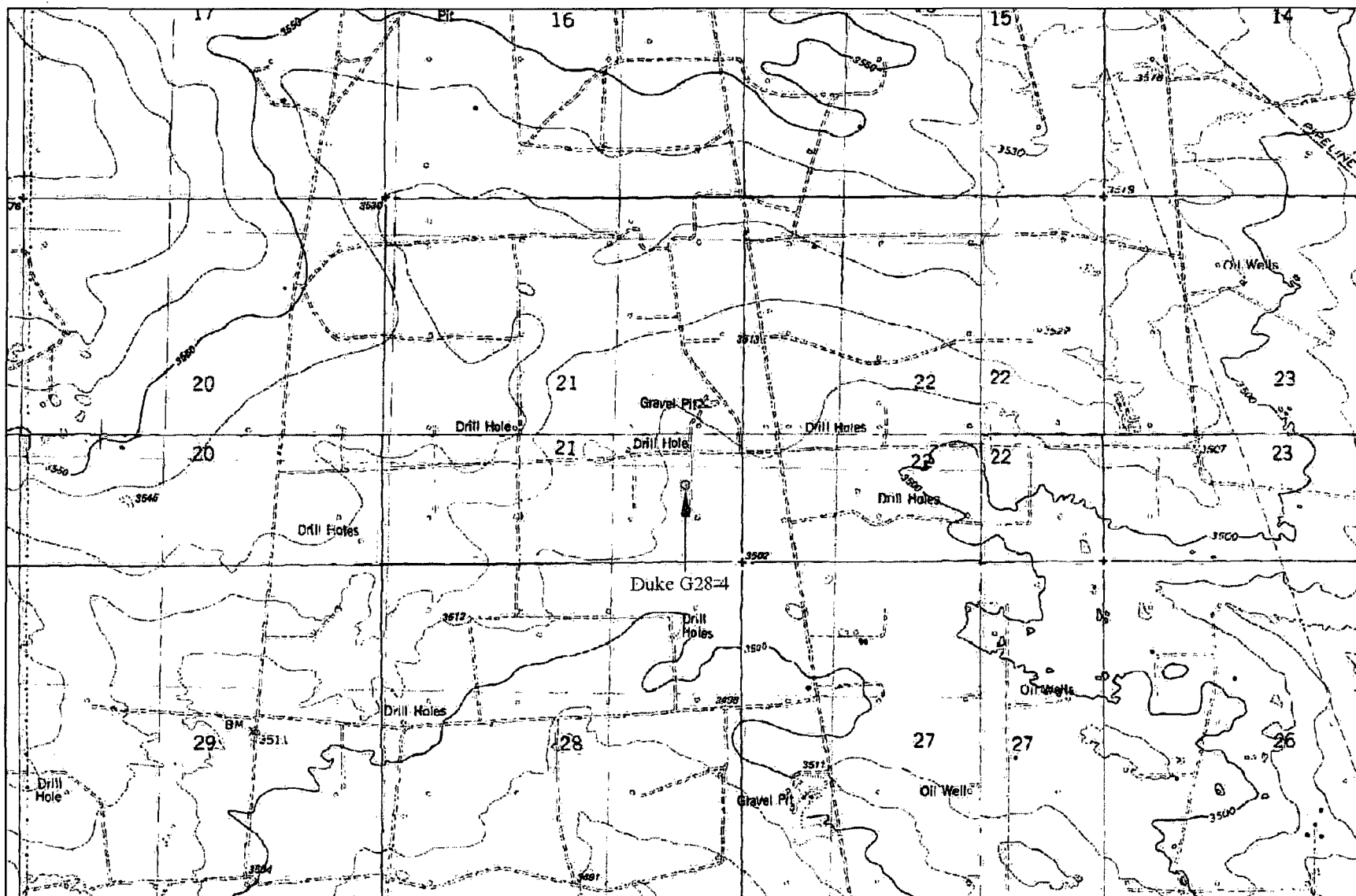
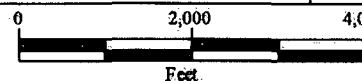


Figure 2
Site Location Map
Duke Energy Field Services
Duke G28-4

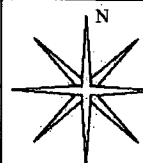
Lea County, New Mexico
SE 1/4 of the SE 1/4, Sec. 21, T22S, R36E
N 32° 22' 23.1" W 103° 15' 52.1"
Elevation: 3,507 feet amsl

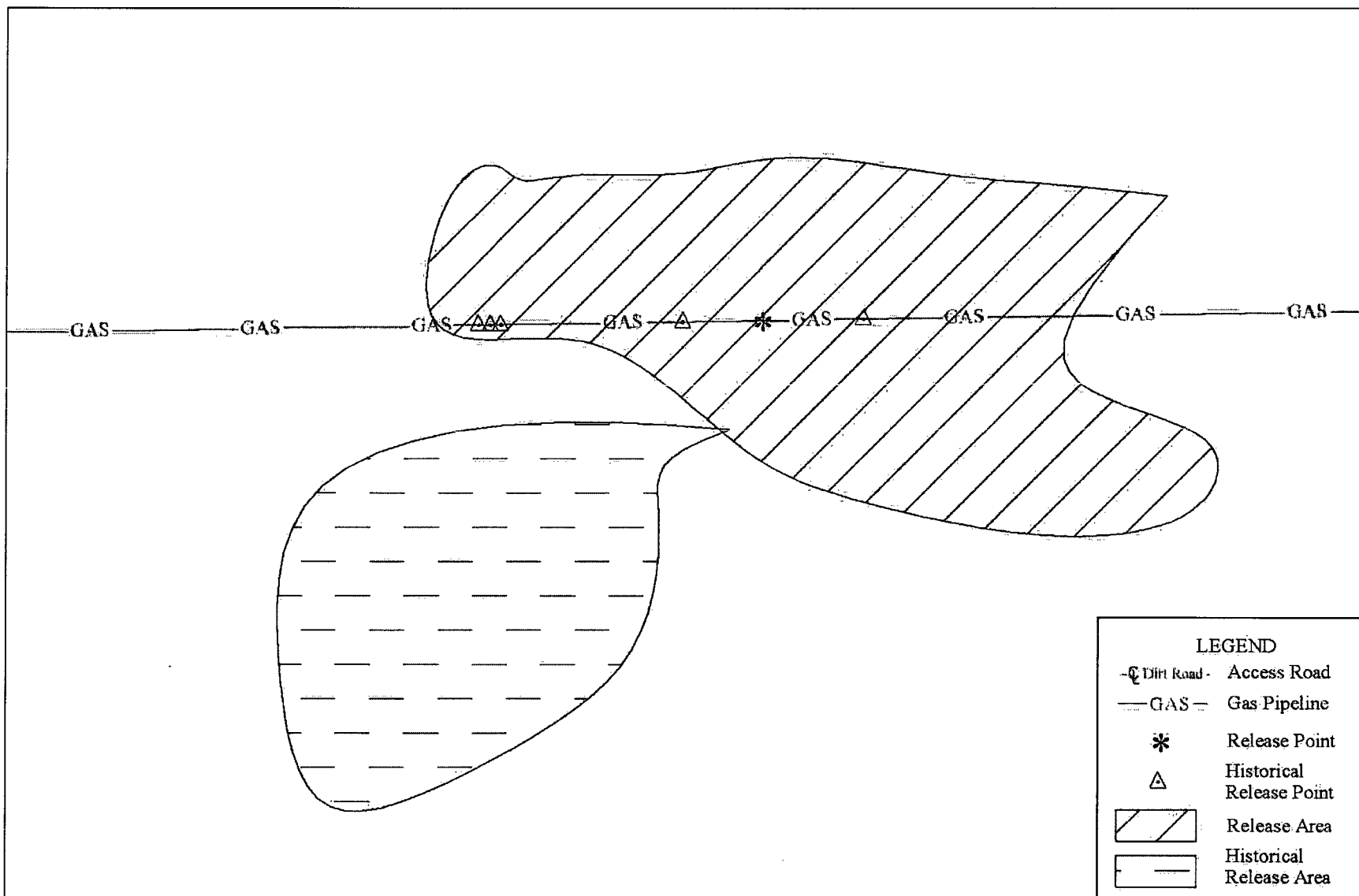
DWG By: Iain Olness
April 2004

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1 of 1





LEGEND



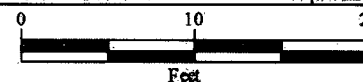
- Dirt Road- Access Road
- GAS— Gas Pipeline
- * Release Point
- Δ Historical Release Point
-  Release Area
-  Historical Release Area

Figure 3
Site Map
 Duke Energy Field Services
 Duke G28-4

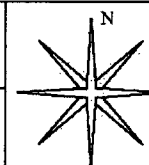
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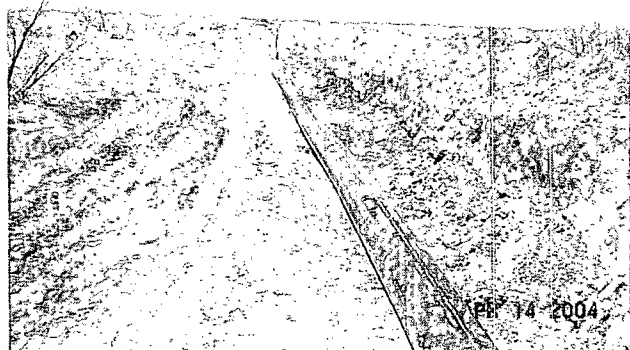
DWG By: Iain Olness
 May 2004

REVISED:

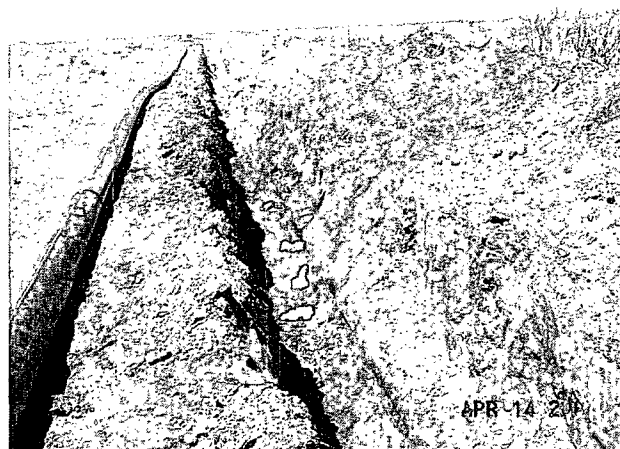


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 1 of 1





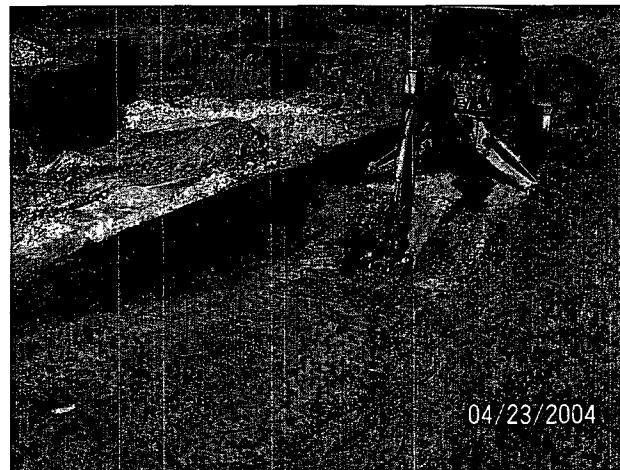
Duke G28-4 release site, looking west. Note stained soil to the north and south of pipeline.



Duke G28-4 release site, looking west. Note stained soil in and around the excavation.



Duke G28-4 release site, looking west. Note stained soil in bottom of excavation.



Duke G28-4 release site, looking southwesterly. Digging trench to obtain samples.