



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

*PC  
1/26/06*

**Lori Wrotenberg**  
Director  
Oil Conservation Division

February 2, 2003

Mr. Frank Hernandez  
EOTT Energy Pipeline, LP  
PO Box 1660  
Midland, TX 79703

[Frank.Hernandez@eott.com](mailto:Frank.Hernandez@eott.com)

Re: Remediation Plan Approval Request: Southland Royalty Battery Site 2003-00012  
Site Reference UL- G, Sec - 9 T-21S R-37E  
Environmental Plus, Inc. (EPI) Letter Date: January 17, 2003

Dear Mr. Hernandez,

The Remediation Work Plan Proposal submitted to the New Mexico Oil Conservation Division (NMOCD) by Environmental Plus, Inc. for EOTT Energy Pipeline is **hereby approved** with the following condition:

- 48 hour notification to OCD prior to all closure sampling events

Please be advised that OCD approval of this plan does not relieve EOTT Energy Pipeline, LP liability should their operations fail to adequately investigate and remediate contaminants that threaten ground water, surface water, human health or the environment. Additionally, OCD approval does not relieve EOTT Energy Pipeline, LP of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you have any questions or need assistance please feel free to call or e-mail me at (505) 393-6161, x111 or email [lwjohnson@state.nm.us](mailto:lwjohnson@state.nm.us)

Sincerely,

Larry Johnson - Environmental Engineer

Cc: Roger Anderson - Environmental Bureau Chief  
Chris Williams - District I Supervisor  
Bill Olson - Hydrologist  
Paul Sheeley-Environmental Engineer  
John Good - EPI Consultant

*OK EMMIC TO FRANK 2/2/03  
d J. Good*

*plans - 34053  
facility - #PAC0602639856  
incident - #PAC0602640031*

*application - #PAC0603052367*



January 17, 2003

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

Subject: EOTT Energy Pipeline Southland Royalty Battery Site (2003-00012) Initial C-141 and Remediation Plan

Dear Mr. Johnson:

Environmental Plus, Inc. (EPI), on behalf of Mr. Frank Hernandez, EOTT Energy Pipeline L.P., submits the attached New Mexico Oil Conservation Division Form C-141 for the above referenced leak site located on land owned by the Millard Deck Estate. The release volume is estimated to be 200-bbl of crude petroleum with 160-bbl recovered. The site is located in the SW¼ of the NE¼ (Unit Letter G), Section 09, Township 21 South, and Range 37 East. The geographic location is N32°29'48.63"; W103°09'52.96". The site is ~3.75 miles north-northwest (bearing 355.4°) from Eunice, Lea County, New Mexico. According to information obtained from the New Mexico Office of the State Engineer (NMOSE) database, ground water level beneath this site should be ~75-ft bgs (however, a water well located 365-ft NNW of the site was determined to be dry at a total well depth of 81-ft bgs). The site matrix ranking for this site is 10 due to the depth to ground water from lower contaminant level being between 50-ft and 100-ft.

The remedial action plan for this site is to delineate and characterize the soil contamination outside of the fenced area of the tank battery, excavate, dispose of and/or blend and attenuate on-site the RCRA non-exempt contaminated soils, and backfill the excavation with clean soil obtained on-site and/or off-site from private or public sources. The contaminated soil within the boundary of the tank battery will be manually removed to a depth of 8-12-inches, and replaced with clean, crushed caliche. Any RCRA non-exempt contaminated soils excavated and removed from the site will be disposed of in EPI's approved land farm located south of Eunice, NM.

The Constituents of Concern (CoC's) and associated NMOCD acceptable remedial levels are as follows:

- BTEX<sup>8620</sup> (Benzene, Toluene, Ethyl Benzene, and Xylenes): 50 mg/kg
- TPH<sup>8015m</sup> (Total Petroleum Hydrocarbon): 1000 mg/kg
- Benzene<sup>8620</sup>: 10 mg/kg

It is EPI's standard operating procedure to evaluate crude oil release sites for the presence of elevated levels of SO<sub>4</sub><sup>-</sup> and Cl<sup>-</sup> ions. These inorganic contaminants are often present in subsurface soils associated with sour crude releases and/or releases containing a brine component. Chloride and sulfate contamination of the soil will be evaluated relative to NMWQCC Ground Water Standards, 250 mg/ml and 600 mg/ml respectively.

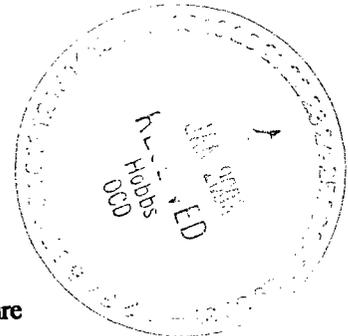
If there are any questions please call Mr. Ben Miller, or myself, at our office or at (505) 390-0288 and (505) 390-9804, respectively or Mr. Frank Hernandez at (915) 638-3799. All official written communications should be addressed to:

Mr. Frank Hernandez  
EOTT Energy Pipeline, L.P.  
PO Box 1660  
Midland, TX 79701

Sincerely,

John Good  
EPI Environmental Consultant

cc: Frank Hernandez, EOTT – District Environmental Supervisor, w/enclosure  
Bill Von Drehle - EOTT-Environmental Director, w/enclosure  
Ben Miller, EPI Vice President and General Manager  
Sherry Miller, EPI President  
file



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 <b>EOTT Energy Pipeline, LP</b>	Contact <b>Frank Hernandez</b>
Address <b>5805 East Hwy 80</b>	Telephone No. <b>915-638-3799</b>
Facility Name <b>Southland Royalty Battery</b>	Facility Type <b>6" Crude Oil Pipeline</b>

Surface Owner <b>Millard Deck Estate</b>	Mineral Owner <b>NA</b>	Lease No. <b>NA</b>
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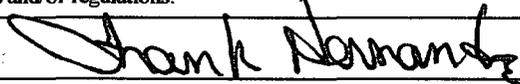
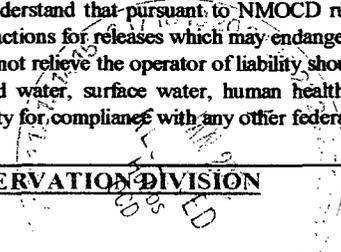
### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from South Line	Feet from West Line	Longitude	Latitude	County:
<b>G</b>	<b>9</b>	<b>21S</b>	<b>37E</b>	<b>3882</b>	<b>3670</b>	<b>W103:09:52.96</b>	<b>N32:29:48.63</b>	<b>Lea</b>

### NATURE OF RELEASE

Type of Release <b>Crude Oil</b>	Volume of Release <b>200 bbl</b>	Volume Recovered <b>160 bbl</b>
Source of Release <b>Steel Pipeline</b>	Date and Hour of Occurrence <b>1/15/03-8:00 AM</b>	Date and Hour of Discovery <b>1/15/03-9:00 AM</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Larry Johnson - Hobbs NMOCD</b>	
By Whom? <b>John Good - EPI</b>	Date and Hour <b>1/15/03-9:30 AM</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. <b>NA</b>	
If a Watercourse was Impacted, Describe Fully.* <b>NA</b>		
Describe Cause of Problem and Remedial Action Taken.* <b>Corroded pipeline, repaired with clamp</b>		
Describe Area Affected and Cleanup Action Taken.* <b>~11600-ft2 surface area affected; 200-bbl released; 160-bbl of crude recovered. Removal and disposal of contaminated soil above remedial goals was commenced by EPI.</b>		

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: 	<b>OIL CONSERVATION DIVISION</b> 	
Printed Name: <b>Frank Hernandez</b>	Approved by District Supervisor:	
Title: <b>District Environmental Supervisor</b>	Approval Date:	Expiration Date:
Date: <b>1/16/03</b> Phone: <b>915-638-3799</b>	Conditions of Approval:	<input type="checkbox"/> Attached

Attach Additional Sheets If Necessary

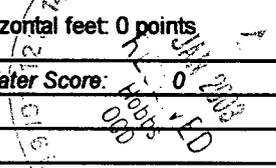
**EOTT Energy Pipeline, LP**

**Site Information and Metrics**

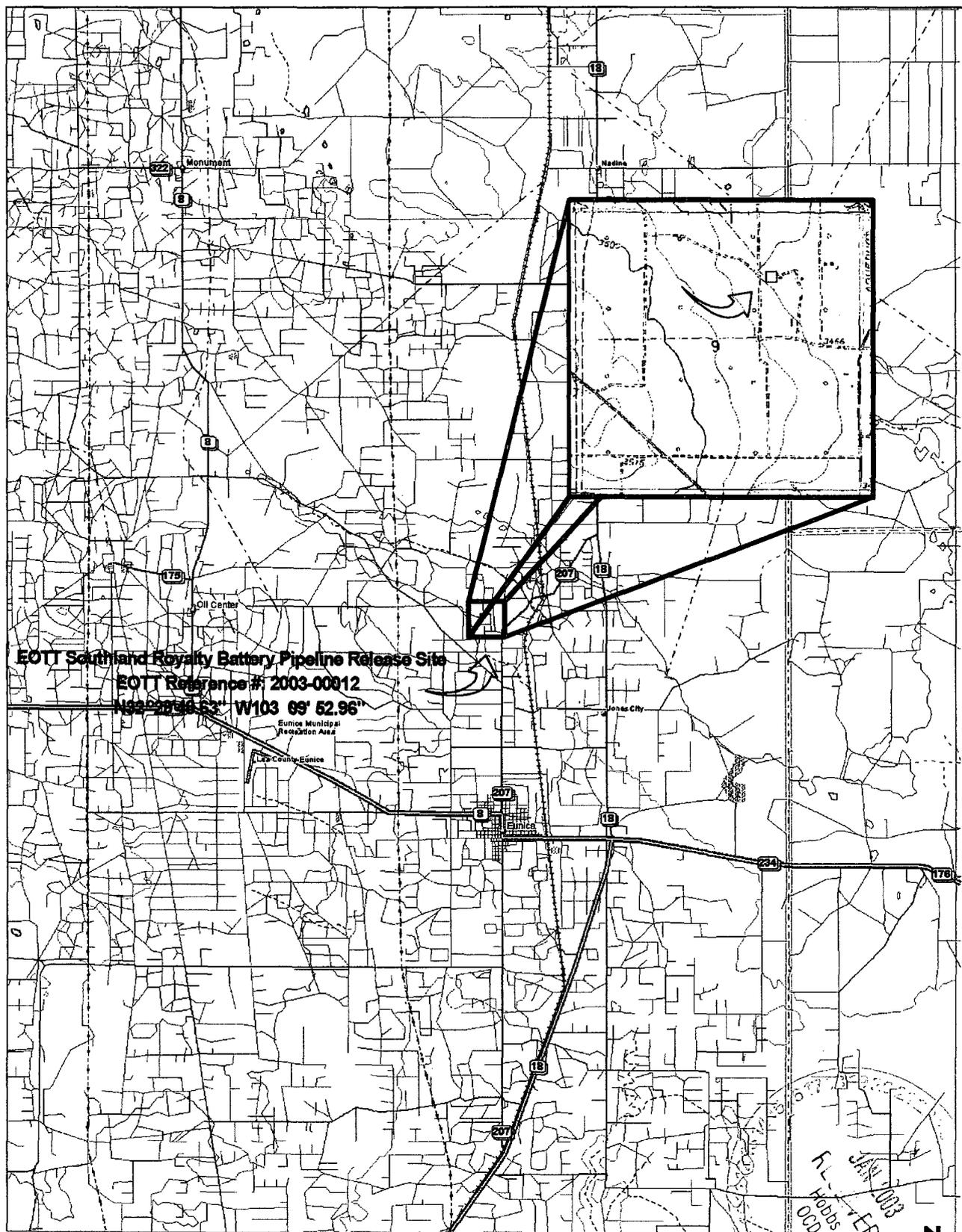
**Incident Date and NMOCD Notified?**

1/15/03-9:00 AM      1/15/03-9:30 AM

SITE: Southland Royalty Battery		Assigned Site Reference #: 2003-00012	
Company: EOTT Energy Pipeline, LP			
Street Address: 5805 East Hwy 80			
Mailing Address: PO Box 1660			
City, State, Zip: Midland, TX 79701			
Representative: Frank Hernandez			
Representative Telephone: 915-638-3799			
Telephone:			
Fluid volume released (bbls): 200	Recovered (bbls): 160		
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days.			
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: 2003-00012			
Source of contamination: Steel Pipeline			
Land Owner, i.e., BLM, ST, Fee, Other: Millard Deck Estate		C/O Harding & Carbone, Inc., 3903 Belair Blvd, Houston, TX 77025	
LSP Dimensions: (see attached site diagram)			
LSP Area: 11630 -ft <sup>2</sup>			
Location of Reference Point (RP):			
Location distance and direction from RP:			
Latitude: N32:29:48.63			
Longitude: W103:09:52.96			
Elevation above mean sea level: 3474 -ft amsl			
Feet from South Section Line: 3882			
Feet from West Section Line: 3670			
Location - Unit or 1/4 1/4: UL- G		SW 1/4 of NE 1/4	
Location - Section: 9			
Location - Township: 21S			
Location - Range: 37E			
Surface water body within 1000' radius of Site: 0			
Surface water body within 1000' radius of Site: 0			
Domestic water wells within 1000' radius of Site: 0			
Domestic water wells within 1000' radius of Site: 0			
Agricultural water wells within 1000' radius of Site: 0			
Agricultural water wells within 1000' radius of Site: 0			
Public water supply wells within 1000' radius of Site: 0			
Public water supply wells within 1000' radius of Site: 0			
Depth (ft) from land surface to ground water (DG): 81 (greater than)			
Depth (ft) of contamination (DC): 10			
Depth (ft) to ground water (DG - DC = DtGW): 71			
<b>1. Ground Water</b>		<b>2. Wellhead Protection Area</b>	
<b>3. Distance to Surface Water Body</b>			
If Depth to GW <50 feet: 20 points	If <1000' from water source, or, <200' from private domestic water source: 20 points	<100 horizontal feet: 20 points	
If Depth to GW 50 to 99 feet: 10 points		200-1000 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: 10	Wellhead Protection Area Score: 0	Surface Water Score: 0	
Site Rank (1+2+3) = 10			
<b>Total Site Ranking Score and Acceptable Concentrations</b>			
Parameter	20 or >	10	0
Benzene <sup>1</sup>	10 ppm	10 ppm	10 ppm
BTEX <sup>1</sup>	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm



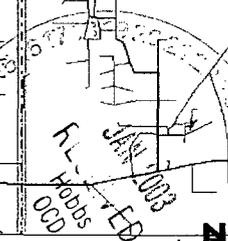
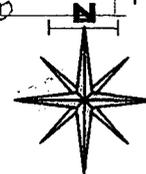
<sup>1</sup>100 ppm field VOC headspace measurement may be substituted for lab analysis

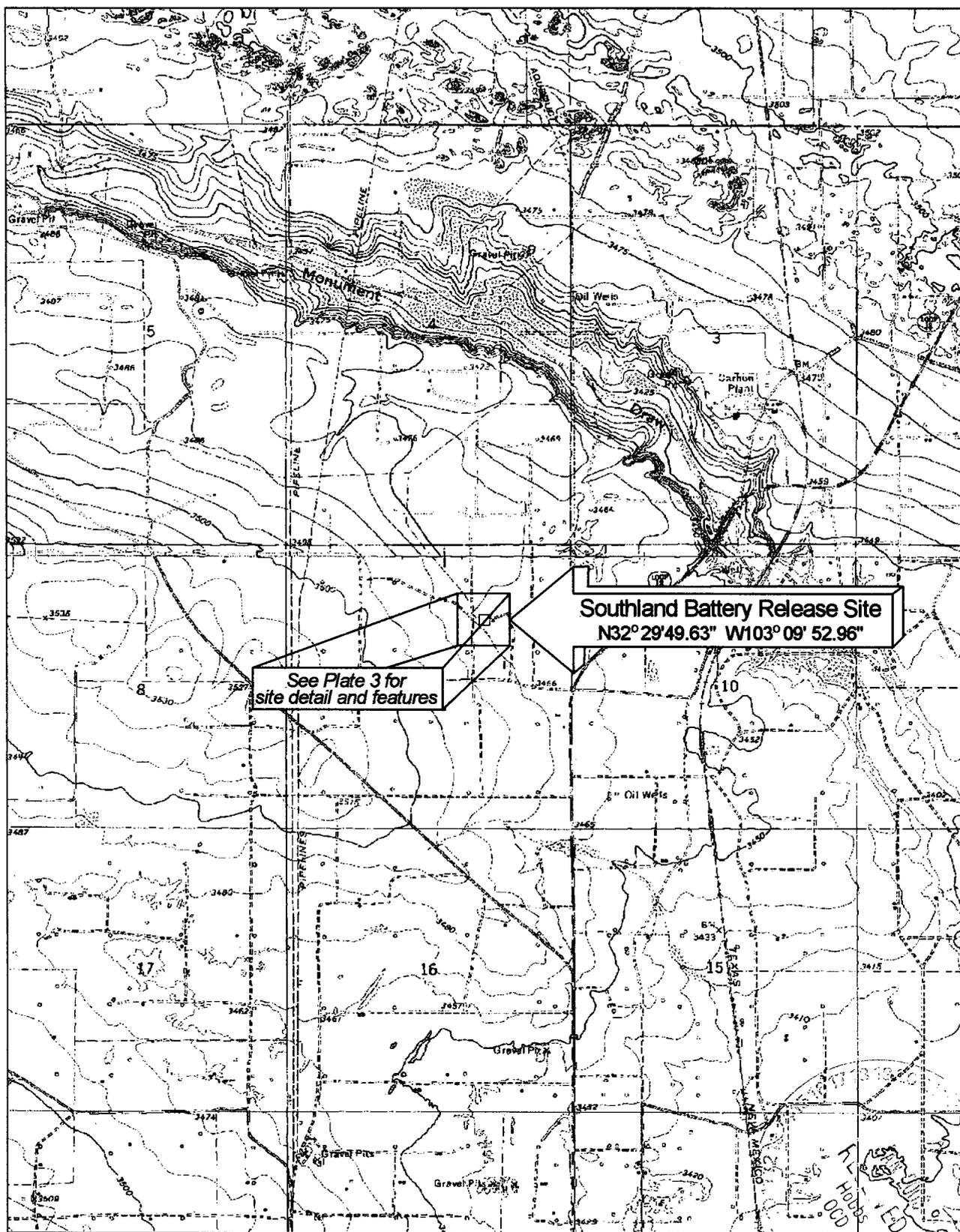


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**Plate 1: Release Site Location**

**EOTT Energy Pipeline, LP - Southland Royalty Battery (2003-00012)**  
**Lea County, NM; UL-G Section 09 T21S R37E**





See Plate 3 for  
site detail and features

Southland Battery Release Site  
N32° 29' 49.63" W103° 09' 52.96"

**Plate 2: Site Topography and Release Location**

**EOTT Energy Pipeline, LP - Southland Royalty Battery (2003-00012)  
Lea County, NM; UL-G Section 09 T21S R37E**



Abandoned Water Well  
(dry @ 81' bgs)  
365-ft; bearing 296 deg

Water Well and Storage Tank  
570-ft; bearing 78.5 deg

Fencing (around battery)

Point of Release (POR)

Spill Affected Area  
~ 11,630-ft<sup>2</sup>

Stock Pond  
500-ft; bearing 105 deg

Temporary Fencing (site security)

Scale: 1-inch = 38.66-feet



**Plate 3: Initial Response GPS Demarcation**  
EOTT Energy Pipeline, LP - Southland Royalty Battery 010503; REF: 2003-00012  
Lea County, NM; UL-G Section 09 T21S R37E

Drawn By: JCG Date: JAN-03 Revised

