

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 October 10, 2003

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

<b>Name of Company:</b> McDonnold Operating, Inc.	<b>Contact:</b> Craig McDonnold
<b>Address:</b> 505 N. Big Spring	<b>Telephone No.:</b> (432) 682-3499
<b>Facility Name:</b> Jack A-29, Jack B-29 Comingled	<b>Facility Type:</b> Tank Battery

<b>Surface Owner:</b> Woolworth Foundation/Jal Library Trust	<b>Mineral Owner:</b> Woolworth Foundation/Jal Library Trust	<b>API No.:</b> 3002532643
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### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	29	24S	37E					Lea

**Latitude:** N 32° 11' 28.86" **Longitude:** W 103° 10' 41.27"

### NATURE OF RELEASE

<b>Type of Release:</b> Oil	<b>Volume of Release:</b> unknown	<b>Volume Recovered:</b> none
<b>Source of Release:</b> Tank Battery	<b>Date and Hour of Occurrence:</b> Historical	<b>Date and Hour of Discovery:</b> 17 March 2006
<b>Was Immediate Notice Given?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	<b>If YES, To Whom?</b> Paul Sheeley	
<b>By Whom?</b>	<b>Date and Hour:</b> 17 March 2006 A.M.	
<b>Was a Watercourse Reached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If YES, Volume Impacting the Watercourse:</b> Not Applicable	

**If a Watercourse was Impacted, Describe Fully.\*** Not Applicable

**Depth to Groundwater:** ~120 feet

**Describe Cause of Problem and Remedial Action Taken.\*** An unknown amount of oil was released as the result of the structural integrity of the line failing, with no amount recovered from the site. The system was repaired. Impacted soil will be disposed of and acceptable remediation to NMOCD standards (TPH = <5,000 mg/Kg; benzene = <10.0 mg/Kg; BTEX = <50.0 mg/Kg; chloride residuals must not be capable of impacting local groundwater above 250 mg/L) will be verified with laboratory analyses of representative soil samples. A remediation plan will be prepared if necessary.

**Describe Area Affected and Cleanup Action Taken.\*** Approximately 3,400 square-feet of surface area was impacted by the release. Remediation of the site will be in accordance with NMOCD guidelines.

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.

<b>Signature:</b>	<b>OIL CONSERVATION DIVISION</b>	
<b>Printed Name:</b> Craig McDonnold	<b>Approved by District Supervisor:</b>	
<b>Title:</b>	<b>Approval Date:</b>	<b>Expiration Date:</b>
<b>E-mail Address:</b> craig@mcdonnold.net	<b>Conditions of Approval:</b>	
<b>Date:</b>	<b>Phone:</b> (432) 682-3499	<b>Attached</b> <input type="checkbox"/>

\* Attach Additional Sheets If Necessary

McDonnold - 14372  
incident - nPAC 0611648766<sup>10</sup>  
application - PPAC 0611648933



**ENVIRONMENTAL PLUS, INC.**  
CONSULTING AND REMEDIAL CONSTRUCTION

29 March 2006

Mr. Paul Sheeley  
Environmental Engineer  
New Mexico Oil Conservation Division (NMOCD)  
1625 North French  
Hobbs, New Mexico 88240

**Re: Initial C-141**  
**McDonnold Operating, Inc. (O-Grid #014372)**  
**Jack A-29/B-29 Comingled Battery – Reference #110024**  
**UL-H, Section 29, Township 24 South, Range 37 East**  
**Latitude N 32° 11' 28.86" and Longitude W 103° 10' 41.27"**



Dear Mr. Sheeley:

Environmental Plus, Inc. (EPI), on behalf of Mr. Craig McDonnold, McDonnold Operating, Inc., submits the attached New Mexico Oil Conservation Division (NMOCD) form C-141 for the above-referenced leak site, located on land owned by the Woolworth Foundation/Jal Library Trust.

The site is located approximately 6 miles north of Jal, New Mexico (reference *Figure 1*). Information obtained from the New Mexico Office of the State Engineer's website and a United States Geological Survey (USGS) database indicates that there are no water supply wells within a 1,000-foot radius of the release site. However, there are seven water supply wells located within a 1.0-mile radius of the release site (reference *Figure 2*). Groundwater level data indicates an average depth to water of approximately 120 feet below ground surface (reference *Table 1*). 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).

An unknown amount of oil was released as the result of the structural integrity of the pipeline failing, with no amount recovered.

Should you have any questions or concerns please feel free to contact me at (505) 394-3481 or Craig McDonnold at (432) 682-3499 or via e-mail at [craig@mcdonnold.com](mailto:craig@mcdonnold.com). All official communication should be addressed to:

Mr. Craig M. McDonnold  
McDonnold Operating, Inc.  
505 North Big Spring, Suite 204  
Midland, Texas 79701

Sincerely,

ENVIRONMENTAL PLUS, INC.



Pat McCasland  
Senior Environmental Consultant

cc: Craig M. McDonnold, McDonnold Operating, Inc., Midland, TX  
Woolworth Foundation/Jal Library Trust, Landowner, Jal, New Mexico  
File

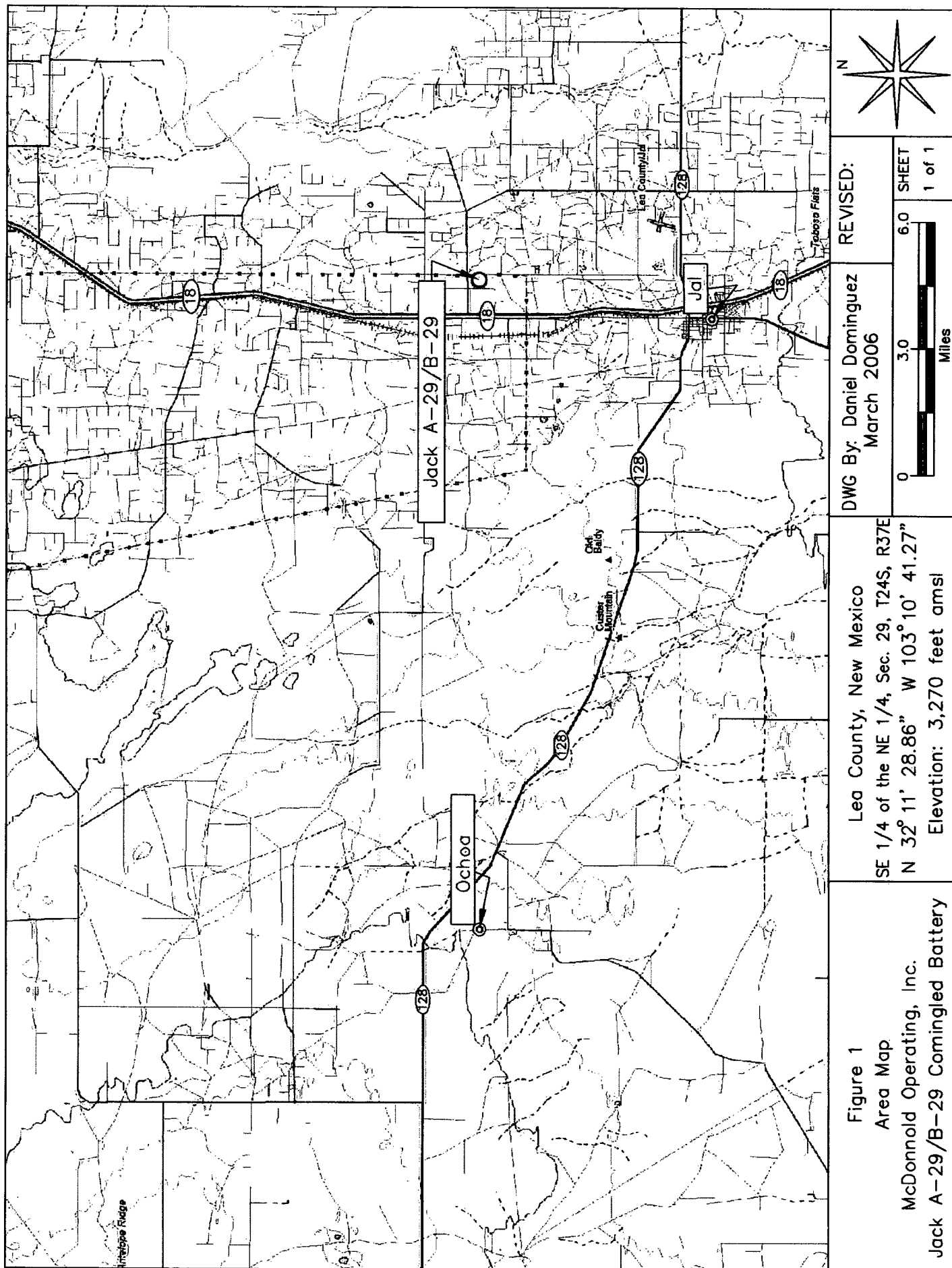


Figure 1  
Area Map

McDonnold Operating, Inc.

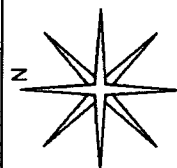
Jack A-29/B-29 Comingled Battery

Lea County, New Mexico  
SE 1/4 of the NE 1/4, Sec. 29, T24S, R37E  
N 32° 11' 28.86" W 103° 10' 41.27"  
Elevation: 3,270 feet amsl

DWG By: Daniel Dominguez  
March 2006

REVISED:

0 3.0 6.0  
Miles  
SHEET  
1 of 1



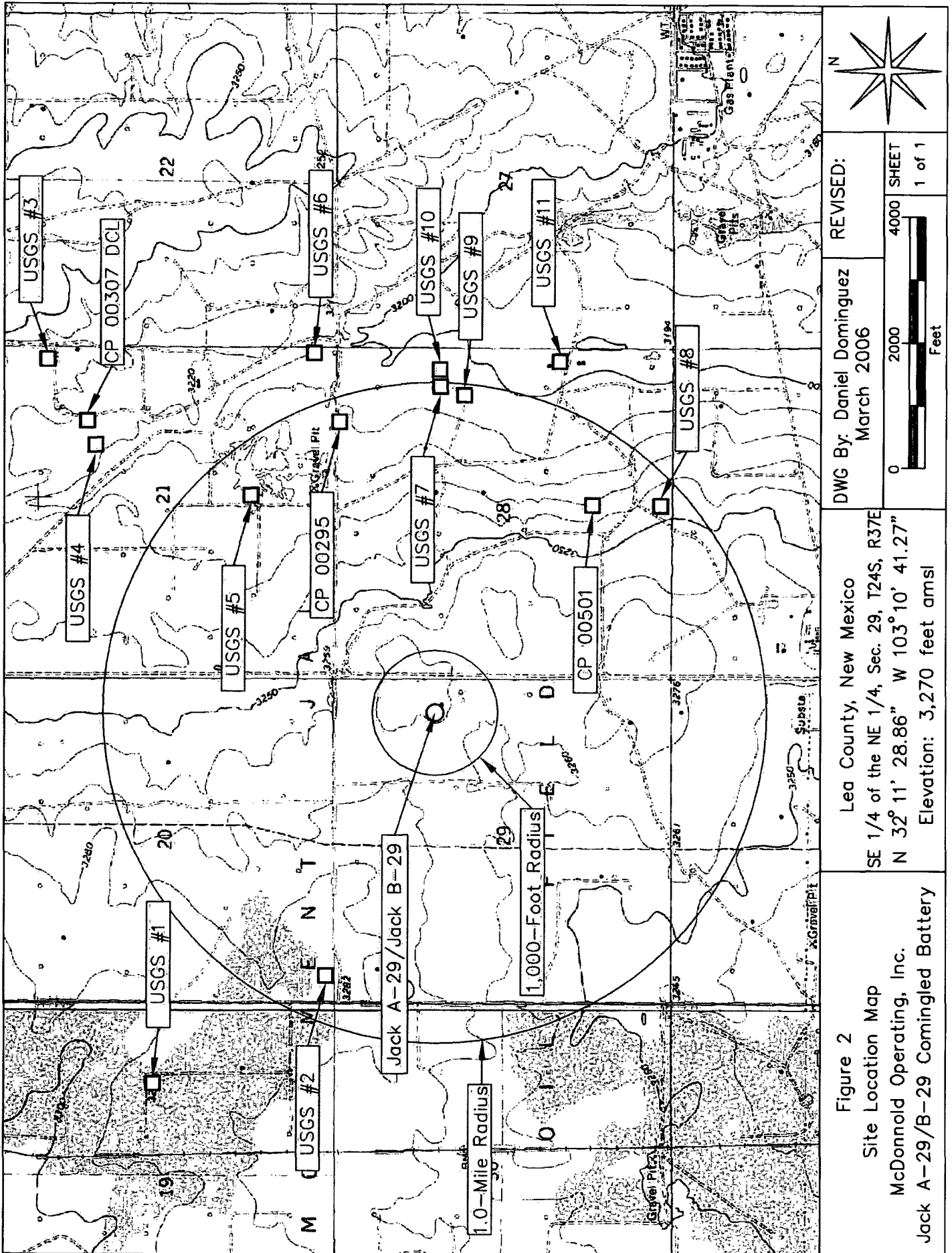


Figure 2

Site Location Map

McDonnold Operating, Inc.

Jack A-29/B-29 Comingled Battery

Lea County, New Mexico

SE 1/4 of the NE 1/4, Sec. 29, T24S, R37E

N 32° 11' 28.86" W 103° 10' 41.27"

Elevation: 3,270 feet amsl

DWG By: Daniel Dominguez  
March 2006

REVISED:

4000 SHEET  
1 of 1

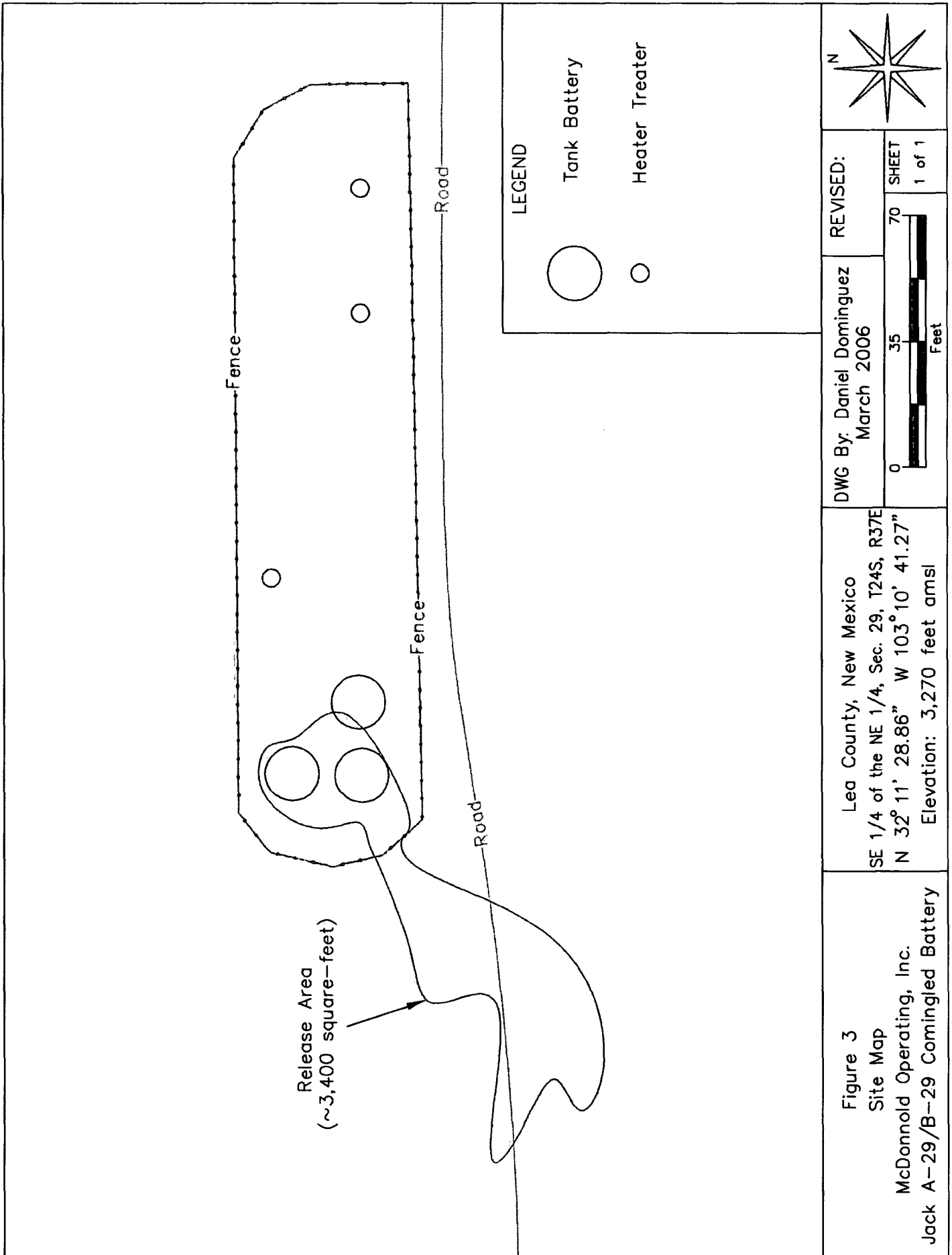


TABLE 1

## Well Data

McDonnold Operating, Inc - Jack A-29/Jack B-29 Comingled Battery (Ref. # 110024)

Well Number	Diversion <sup>A</sup>	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation <sup>B</sup>	Depth to Water (ft bgs)
CP 00295	100	REBECCA JOAN DOOM	COM	24S	37E	21 4 4 4	N32° 11' 43.57"	W103° 09' 47.22"		3,216	
CP 00307 DCL	0	J. J. SMITH	NOT	24S	37E	21 2 2 2	N32° 12' 22.74"	W103° 09' 47.23"		3,232	
CP 00501	3	AMERADA HESS CORPORATION	SAN	24S	37E	28 4 1 4	N32° 11' 4.39"	W103° 10' 2.56"	14-Mar-72	3,237	70
USGS #1				24S	37E	19 2 3 4			05-Mar-53	3,293	117.43
USGS #2				24S	37E	20 3 3 3			28-Feb-96	3,287	120.54
USGS #3				24S	37E	21 2 2 2			27-Feb-68	3,242	84.51
USGS #4				24S	37E	21 2 4 2			17-Mar-81	3,226	83.22
USGS #5				24S	37E	21 4 1 3			17-Mar-81	3,225	256.8
USGS #6				24S	37E	21 4 4 4			02-Mar-53	3,215	69.64
USGS #7				24S	37E	28 2 4 2			17-Mar-81	3,212	64.39
USGS #8				24S	37E	28 4 3 3			26-Feb-68	3,251	274.3
USGS #9				24S	37E	28 2 4 1			14-Jan-76	3,210	57.71
USGS #10				24S	37E	28 2 4 2			28-Feb-96	3,209	291.8
USGS #11				24S	37E	28 4 2 4			27-Oct-77	3,202	57.24
CP 00549 EXP	0	EL PASO NATURAL GAS COMPANY	DOM	24S	37E	31 3 3 4	N32° 09' 59.04"	W103° 12' 35.33"		3,245	
USGS #12				24S	37E	31 2 4 3			22-May-91	3,238	73.53

<sup>A</sup> = Elevation interpolated from USGS topographical map based on referenced location.

DOM = 72-12-1 Domestic one household

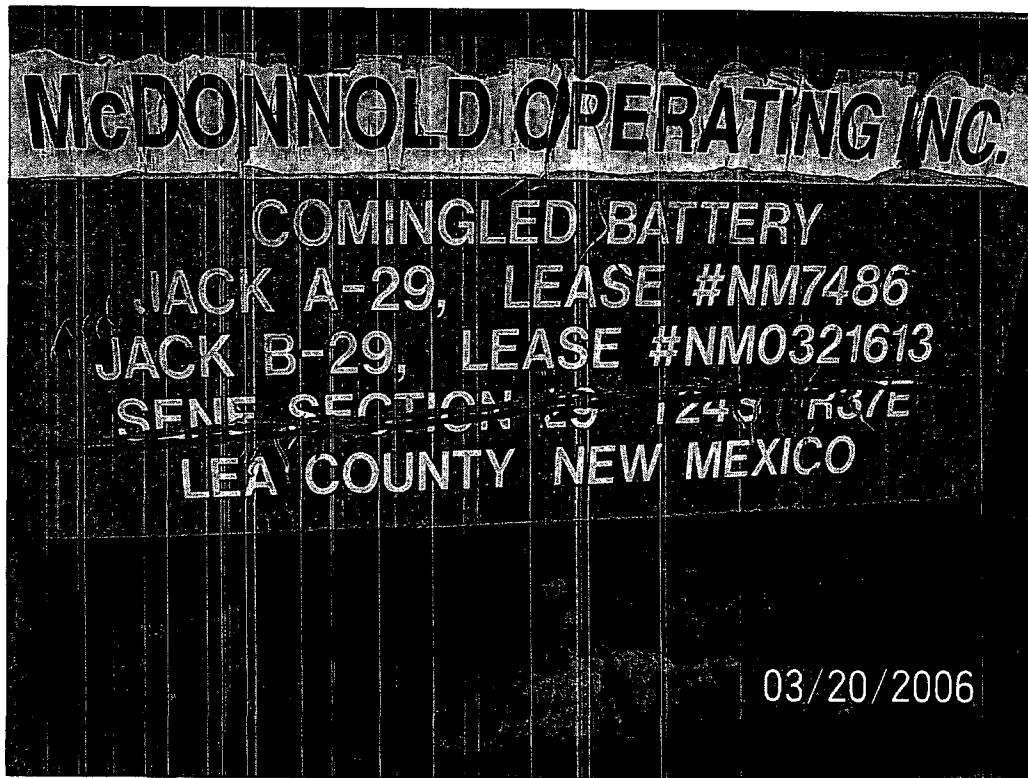
SAN = 72-12-1 Sanitary in conjunction with a commercial use

COM = Commercial

NOT = No use of right or pod

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are biggest to smallest

Shaded area indicates wells not shown in Figure 2



Photograph #1-Lease sign.



Photograph #2-Looking east at the release area.





Photograph #3-Looking east at the release area.



Photograph #4-Looking north at the release area.

McDonnold Operating, Inc	<b>Incident Date:</b> Historic	<b>NMOCD Notified:</b> 17 March 2006	
<b>Information and Metrics</b>			
<b>Site:</b> Jack A-29, Jack B-29 Comingled Battery		<b>Assigned Site Reference :</b> #110024	
<b>Company:</b> McDonnold Operating, Inc.			
<b>Street Address:</b> 505 N. Big Spring Suite 205			
<b>Mailing Address:</b>			
<b>City, State, Zip:</b> Midland, TX 79701			
<b>Representative:</b> C			
<b>Representative Telephone:</b> (432) 682-3499			
<b>Telephone:</b>			
<b>Fluid volume released (bbls):</b> unknown		<b>Recovered (bbls):</b> none	
>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)			
<b>Leak, Spill, or Pit (LSP) Name:</b> Jack A-29, Jack B-29 Comingled Battery			
<b>Source of contamination:</b> Tank Battery			
<b>Land Owner, i.e., BLM, ST, Fee, Other:</b> Woolworth Foundation/Jal Library Trust			
<b>LSP Dimensions:</b> 100 feet by 34 feet			
<b>LSP Area:</b> ~3,400 ft <sup>2</sup>			
<b>Location of Reference Point (RP):</b>			
<b>Location distance and direction from RP:</b>			
<b>Latitude:</b> N 32° 11' 28.86"			
<b>Longitude:</b> W 103° 11' 41.27"			
<b>Elevation above mean sea level:</b> 3,270 feet			
<b>Feet from North Section Line:</b>			
<b>Feet from West Section Line:</b>			
<b>Location- Unit or ¼:</b> SE¼ of the NE¼		<b>Unit Letter:</b> H	
<b>Location- Section:</b> 29			
<b>Location- Township:</b> T24S			
<b>Location- Range:</b> R37E			
<b>Surface water body within 1000' radius of site:</b> none			
<b>Domestic water wells within 1000' radius of site:</b> none			
<b>Agricultural water wells within 1000' radius of site:</b> none			
<b>Public water supply wells within 1000' radius of site:</b> none			
<b>Depth from land surface to groundwater (DG):</b> ~120 feet			
<b>Depth of contamination (DC):</b> unknown			
<b>Depth to groundwater (DG – DC = DtGW):</b> unknown but assuming >100 feet			
<b>1. Groundwater</b>	<b>2. Wellhead Protection Area</b>	<b>3. Distance to Surface Water Body</b>	
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>	<200 horizontal feet: <i>20 points</i>	
If Depth to GW 50 to 99 feet: <i>10 points</i>		200-1000 horizontal 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>	>1000 horizontal feet: <i>0 points</i>	
<b>Site Rank (1+2+3) = 0</b>			
<b>Total Site Ranking Score and Acceptable Concentrations</b>			
Parameter	>19	10-19	0-9
Benzene <sup>1</sup>	10 ppm	10 ppm	10 ppm
BTEX <sup>1</sup>	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1,000 ppm	5,000 ppm
<sup>1</sup> 100 ppm field VOC headspace measurement may be substituted for lab analysis			