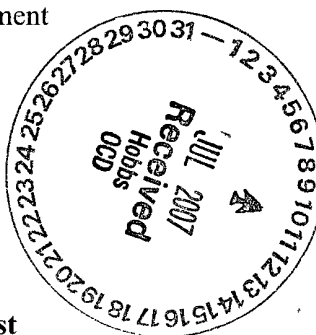




ENVIRONMENTAL PLUS, INC.  
CONSULTING AND ENVIRONMENTAL REMEDIATION

9 July 2007

Mr. Larry Johnson, Environmental Engineer  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division Environmental Bureau  
1625 North French Drive  
Hobbs, New Mexico 88240



Re: Initial C-144  
McDonnold Operating, Inc.  
Litie Woolworth #5 (EPI Ref. #110016)  
UL-N, Section 28, Township 24 South, Range 37 East

Dear Mr. Johnson:

Environmental Plus, Inc. (EPI), on behalf of Mr. Craig McDonnold, McDonnold Operating, Inc., submits the enclosed New Mexico Oil Conservation Division (NMOCD) form C-144 and supporting information. McDonnold Operating, Inc. is proposing to close the blow-down pit at the above-referenced well site in accordance with the NMOCD Pit and Below-Grade Tank Guidelines. Please direct official correspondence and communications to:

McDonnold Operating, Inc.  
Craig McDonnold, President  
505 North Big Spring, Suite 204  
Midland, Texas 79701  
Telephone: (432) 682-3499  
Email: [craig@mcdonnold.net](mailto:craig@mcdonnold.net)

Should you have any technical questions, concerns or need additional information, please contact me at (505) 394-3481 or via e-mail at [dduncan@envplus.net](mailto:dduncan@envplus.net).

Sincerely,

ENVIRONMENTAL PLUS, INC.

David P. Duncan  
Civil Engineer

ENVIRONMENTAL PLUS, INC.

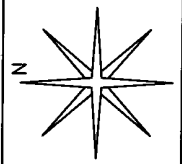
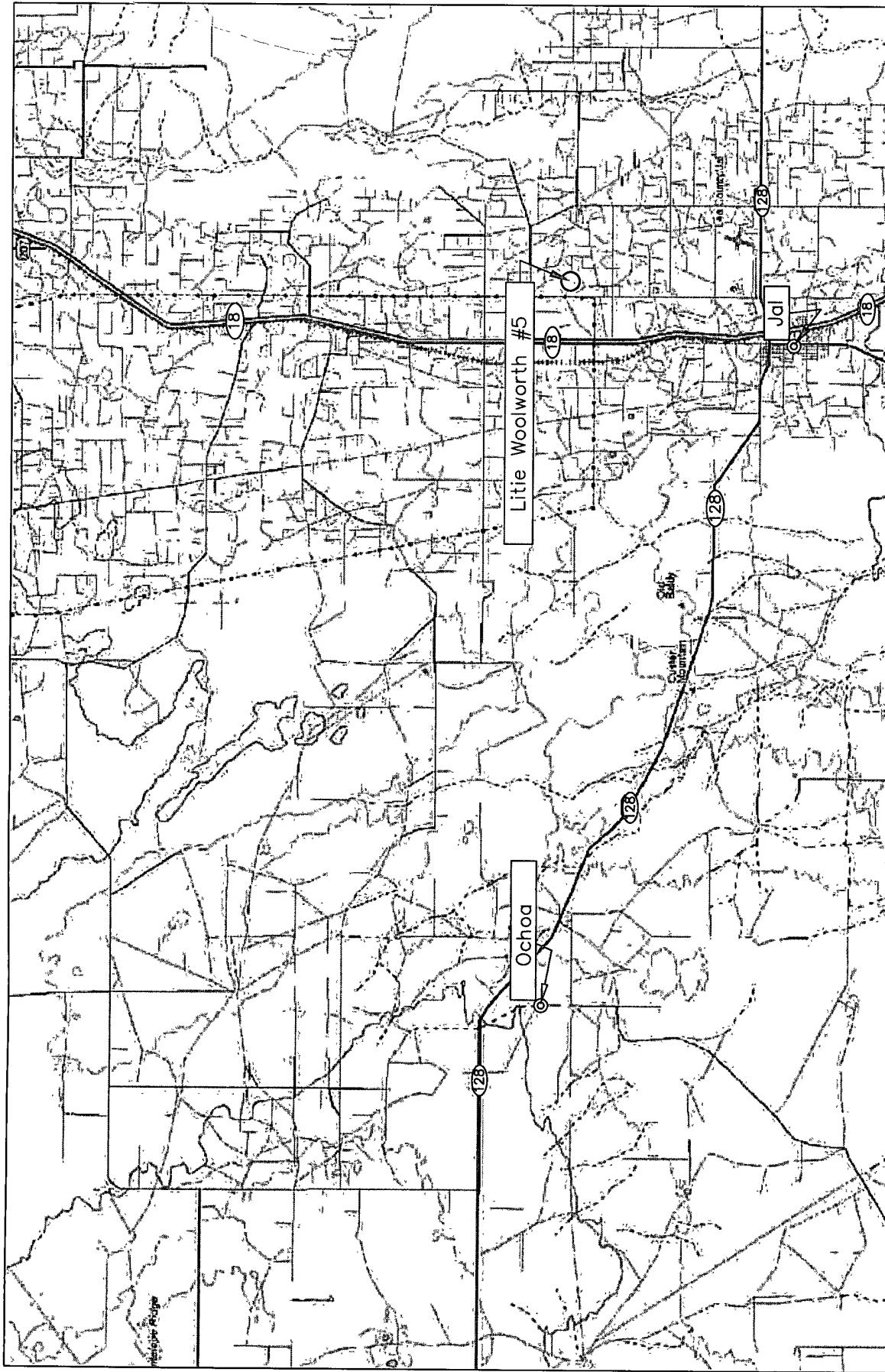


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cc: Craig M. McDonnold, McDonnold Operating, Inc., Midland, TX  
Woolworth Foundation/Jal Library Trust, Landowner, Jal, New Mexico  
File

Enclosures: Area Map  
Site Location Map  
Site Map  
Well Data Table  
Photographs  
NMOCD Form C-144

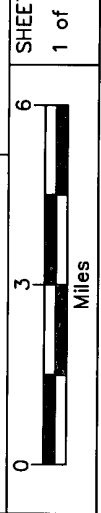
**ENCLOSURES**



DWG By: Daniel Dominguez  
May 2007

Lea County, New Mexico  
SE 1/4 of the SW 1/4, Sec. 28, T24S, R37E  
N 32° 10' 58.51" W 103° 10' 12.48"  
Elevation: 3,255 feet amsl

Figure 1  
Area Map  
McDonnold Operating, Inc.  
Litie Woolworth #5



SHEET  
1 of 1

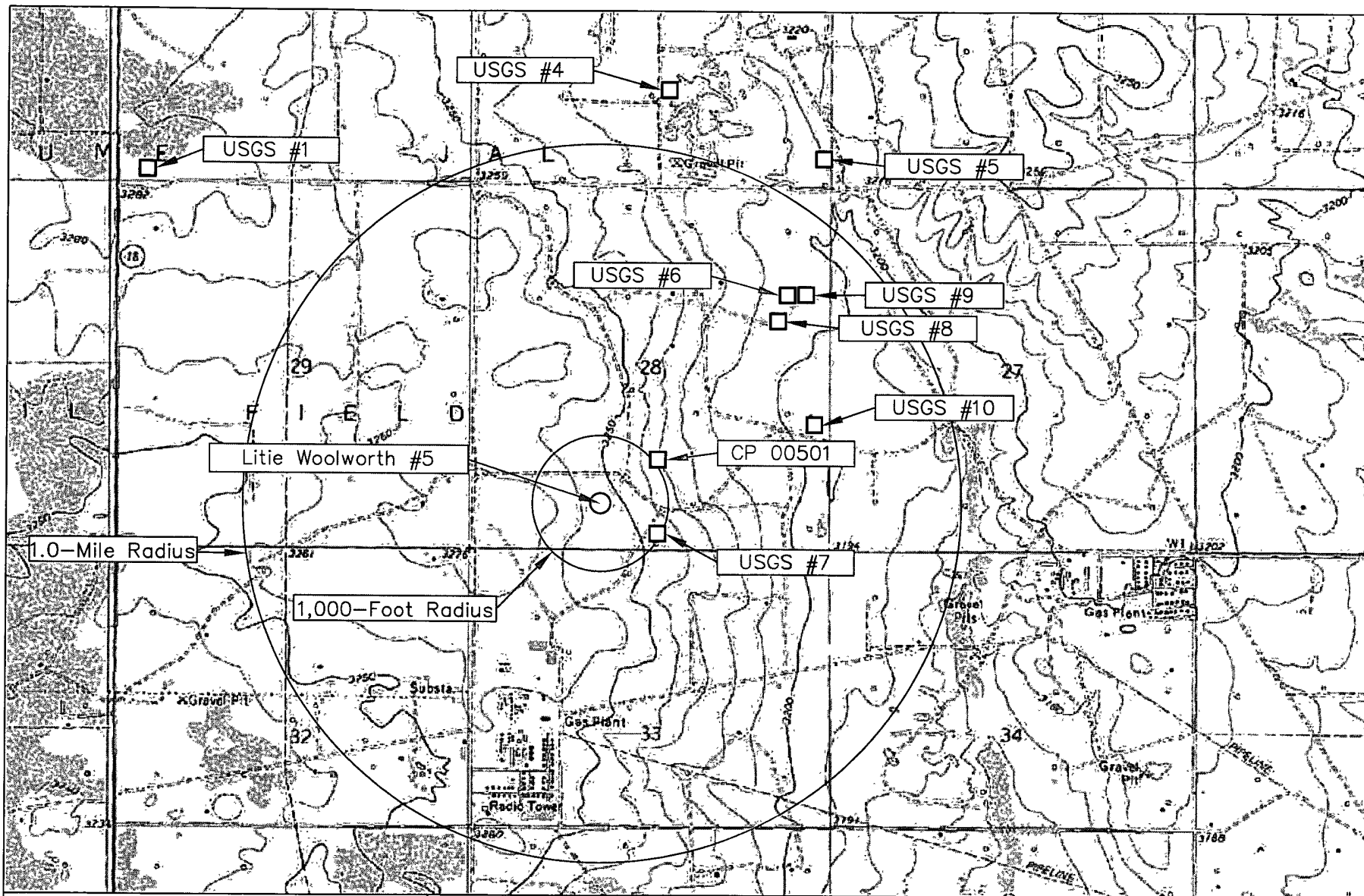
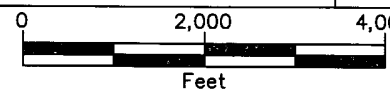


Figure 2  
Site Location Map  
McDonnold Operating, Inc.  
Litie Woolworth #5

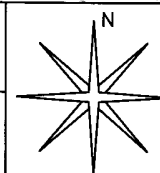
Lea County, New Mexico  
SE 1/4 of the SW 1/4, Sec. 28, T24S, R37E  
N 32° 10' 58.51" W 103° 10' 12.48"  
Elevation: 3,255 feet amsl

DWG By: Daniel Dominguez  
May 2007

REVISED:



SHEET  
1 of 1



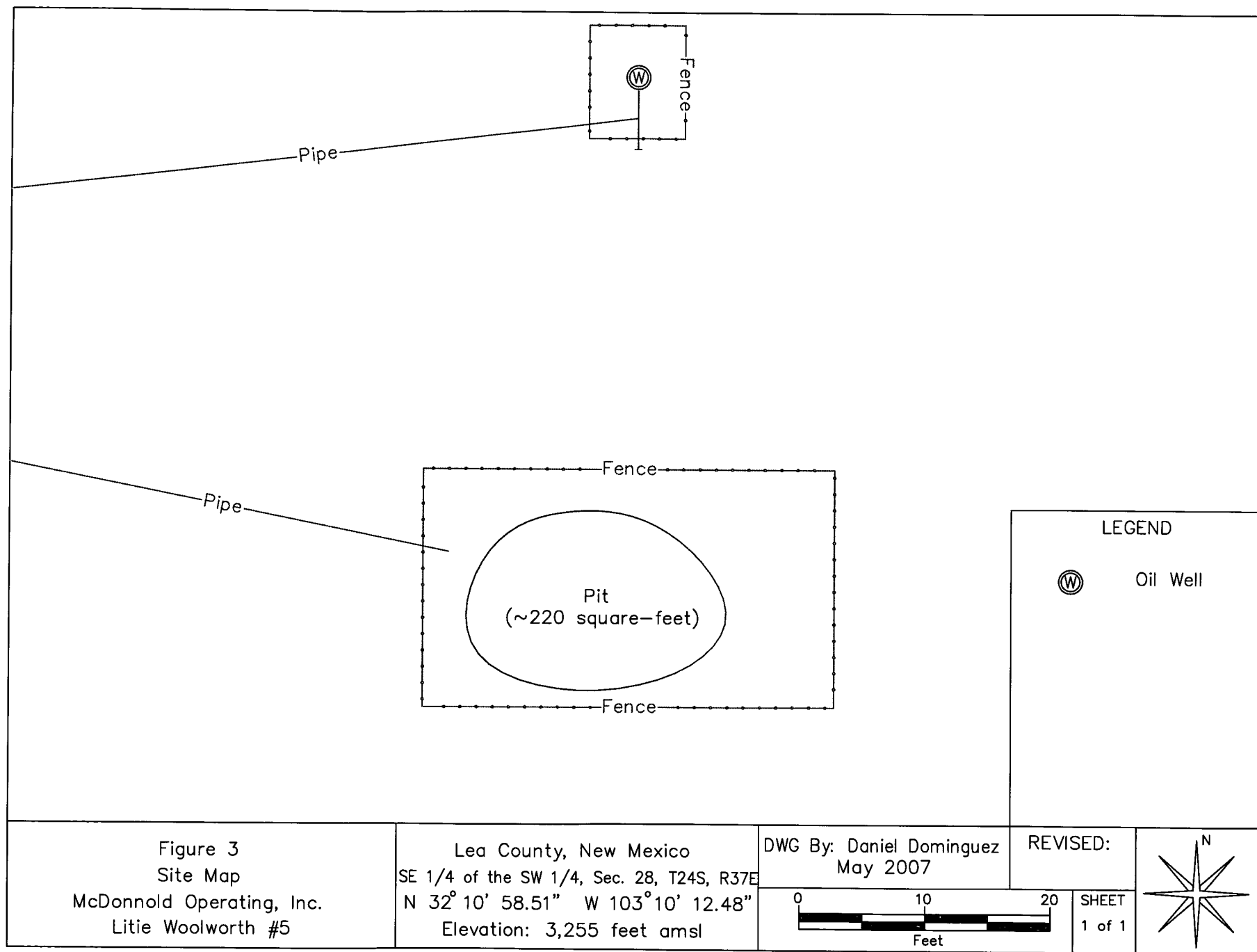


TABLE 1

Well Data

McDonnold Operating, Inc - Litie Woolworth #5 (Ref. # 110016)

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 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	20 3 3 3			28-Feb-96	3,287	120.54
USGS #4				24S	37E	21 4 1 3			17-Mar-81	3,225	256.8
USGS #5				24S	37E	21 4 4 4			02-Mar-53	3,215	69.64
USGS #6				24S	37E	28 2 4 2			17-Mar-81	3,212	64.39
USGS #7				24S	37E	28 4 3 3			26-Feb-68	3,251	274.3
USGS #8				24S	37E	28 2 4 1			14-Jan-76	3,210	57.71
USGS #9				24S	37E	28 2 4 2			28-Feb-96	3,209	291.8
USGS #10				24S	37E	28 4 2 4			27-Oct-77	3,202	57.24
USGS #2				24S	37E	21 2 2 2			27-Feb-68	3,242	84.51
USGS #3				24S	37E	21 2 4 2			17-Mar-81	3,227	83.22

Data obtained from the New Mexico Office of the State Engineer Website ([http://iwaters.ose.state.nm.us:7001/iWATERS/wr\\_RegisServlet1](http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1)) and USGS Database.

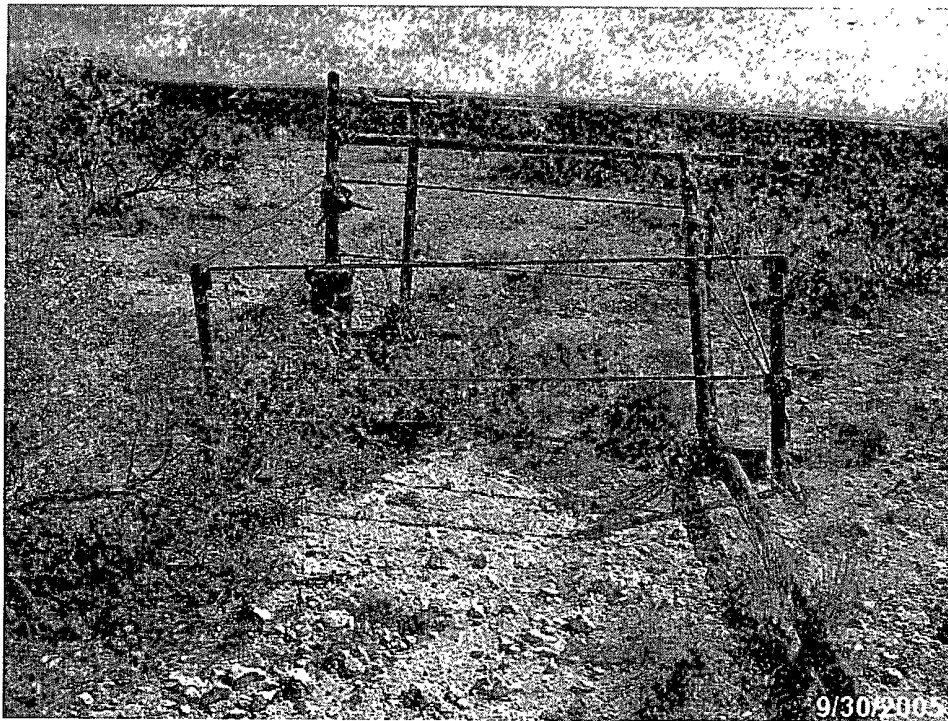
<sup>A</sup> = In acre feet per anum

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

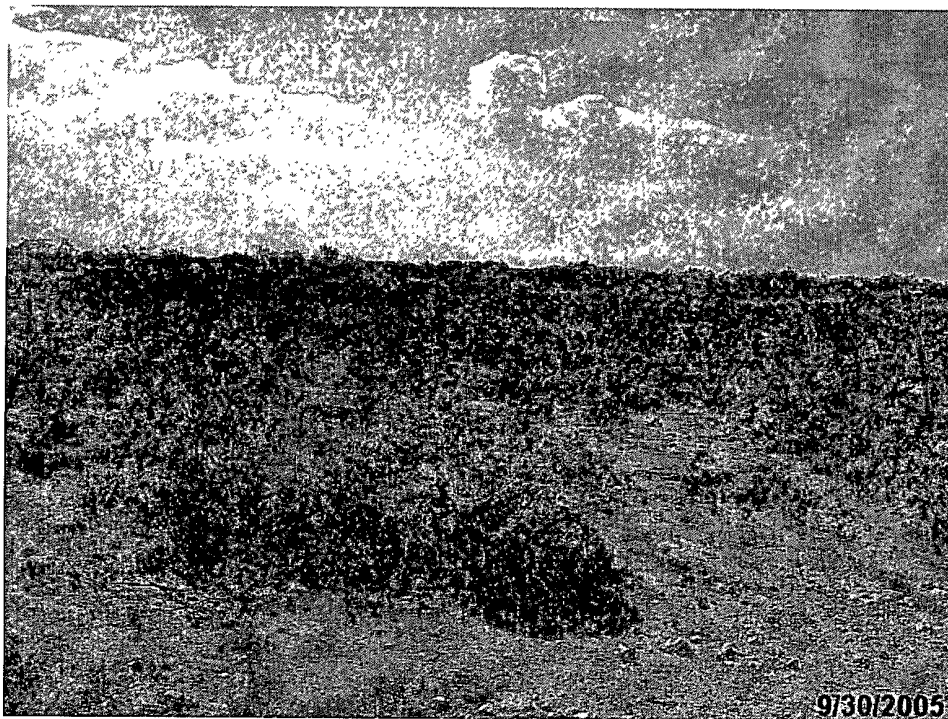
SAN = 72-12-1 Sanitary in conjunction with a commercial use

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

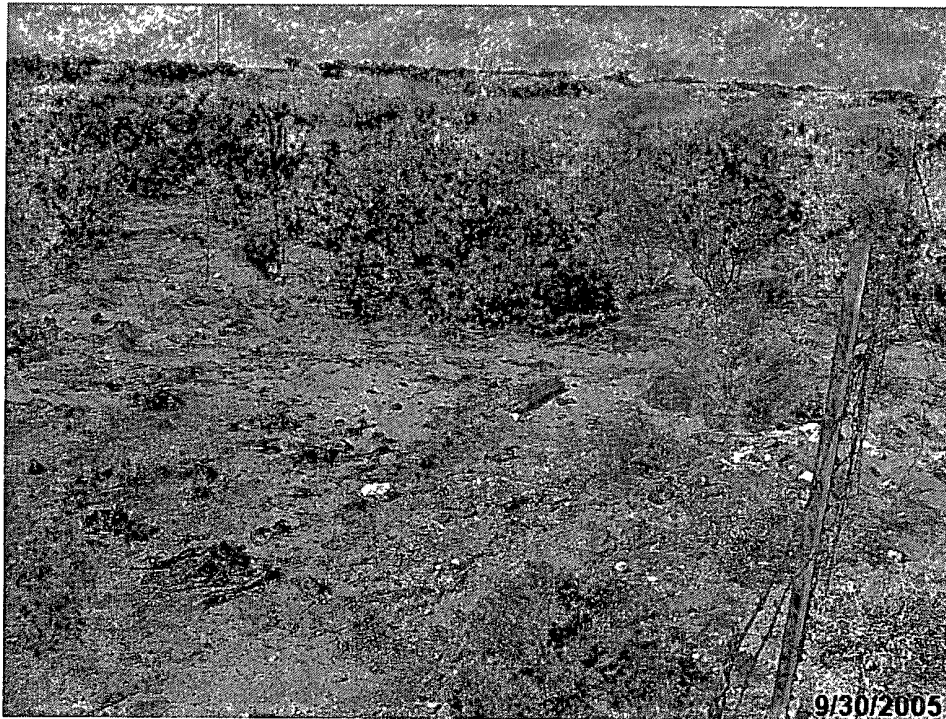
**Shaded area indicates wells not shown in Figure 2**



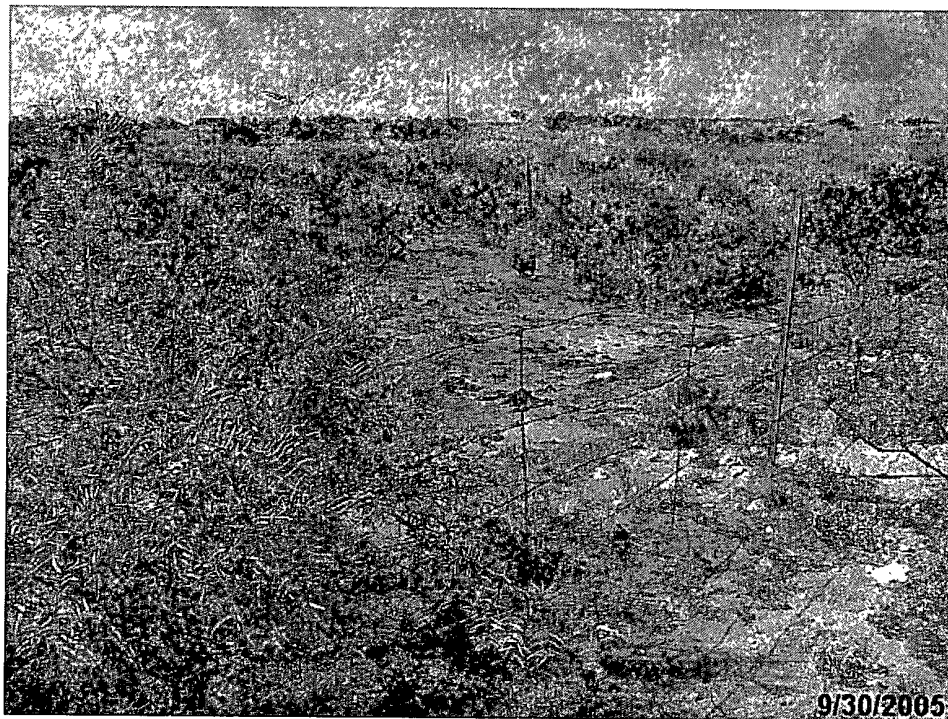
Photograph #1- Oil well, looking easterly.



Photograph #2 – Blow-down pit, looking northerly.



Photograph #3 – Blow-down pit, looking westerly.



Photograph #4 – Blow-down pit, looking westerly.

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

For drilling and production facilities, submit to appropriate NMOC District Office.  
For downstream facilities, submit to Santa Fe office

Form C-144  
June 1, 2004

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐  
Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

INITIAL

Operator: McDonnold Operating, Inc.		Telephone: 432.682.3499	e-mail address: craig@mcdonnold.com
Address: 505 North Big Spring, Suite 204		Midland, Texas 79701	
Facility or well name: Litic Woolworth #5		API #: 30025	Unit Letter (UL): N
County: Lea		Latitude: N 32°10'58.51"	Longitude: W 103°10'12.48"
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> (Woolworth Trust Foundation/Jal Library Trust)		Indian <input type="checkbox"/>	Qtr/Qtr: SE¼ SW¼
Pit		Section: 28, T24S, R37E	
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/>		Below-grade tank	
Lined <input type="checkbox"/> Unlined <input type="checkbox"/>		Volume: bbl Type of fluid:	
Liner type: Synthetic <input type="checkbox"/> Thickness mil Clay <input type="checkbox"/>		Construction material:	
Pit Volume: ~0 bbl		Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) ~130' bgs		Less than 50 feet	(20 points) <input type="checkbox"/>
		50 feet or more, but less than 100 feet	(10 points) <input type="checkbox"/>
		100 feet or more	(0 points) <input checked="" type="checkbox"/>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)		Yes	(20 points) <input type="checkbox"/>
		No	(0 points) <input checked="" type="checkbox"/>
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)		Less than 200 feet	(20 points) <input type="checkbox"/>
		200 feet or more, but less than 1,000 feet	(10 points) <input type="checkbox"/>
		1,000 feet or more	(0 points) <input checked="" type="checkbox"/>
		Ranking Score (Total Points)	
		0	

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility Sundance Services, Inc. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface                      ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: It is proposed to close this pit consistent with the NMOC District Pit and Below-Grade Tank Guidelines, November 1, 2004 as promulgated under NMOC District Rule 50 (19.15.2.50 NMAC).

Pit Status: Liner intact ☐ Liner punctured or torn ☐

Method of Closure: The pit contents (asphaltine, impacted soil, etc.) will be excavated and transported to Sundance Services, Inc. for disposal. Horizontal and vertical limits of excavation will extend a minimum of two (2) feet beyond pits original configuration. Soil samples collected from sidewalls and bottom of the excavation will be submitted to an independent laboratory for analyses of BTEX constituents, TPH, chloride and sulfate concentrations. Dependent on laboratory analytical results, the pit will either be backfilled immediately or require additional excavation until impacted soil is removed and disposed. The excavation will be backfilled with imported or local soil (if approved by property owner) from bottom of excavation to original ground surface. The disturbed area will be contoured to allow natural drainage and seeded with a blend approved by the property owner.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank will be closed according to NMOC District guidelines ☒, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 6/14/07 Printed Name/Title: Mr. Craig McDonnold, President Signature: Craig McDonnold

Your certification and NMOC District approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: X

Printed Name/Title: L. JOHNSON - ENVIRON Signature: L. Johnson Date: 7.11.07

\* NEED COMPLETION BY 9-10.07 - SUBMIT FINAL  
w/ SUPPORTING DOCUMENTATION