



ENVIRONMENTAL PLUS, INC.
CONSULTING AND REMEDIAL CONSTRUCTION

PC
3/2/06

13 February 2006

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



Re: Initial C-144
Apache Corporation N.E.D.U. Pit #836 (Ref. #240008)
UL-A, Section 22, Township 21 South, Range 37 East
Latitude: N 32°28'17.9" and Longitude: W 103°08'36.2"

Dear Mr. Sheeley:

Environmental Plus, Inc. (EPI), on behalf of the Apache Corporation (Apache) submits the enclosed New Mexico Oil Conservation Division (NMOCD) form C-144 and supporting information. Apache is proposing to close the drill pit at the above-referenced well site in accordance with the "NMOCD Pit and Below-Grade Tank Guidelines, November 1, 2004" and the "Apache Pit Closure General Plan". Please direct all official communications to:

Apache Corporation
Harold Swain
PO Box 848
Wink, Texas 89789
Telephone: 505.390.4368
Email: harold.swain@apachecorp.com

Should you have any questions or concerns, please call Iain Olness or myself at (505) 394-3481 or Mr. Harold Swain at (505) 390-4368.

Sincerely,

ENVIRONMENTAL PLUS, INC.

Pat McCasland
EPI Safety Director/Environmental Consultant

ENVIRONMENTAL PLUS, INC.



ENVIRONMENTAL PLUS, INC.
CONSULTING AND REMEDIAL CONSTRUCTION

cc: Harold Swain, Apache Corporation – Wink, TX, harold.swain@apachecorp.com
Dennis Leggett, Apache Corporation – Eunice, NM, dennis.leggett@apachecorp.com
File

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

ENVIRONMENTAL PLUS, INC.

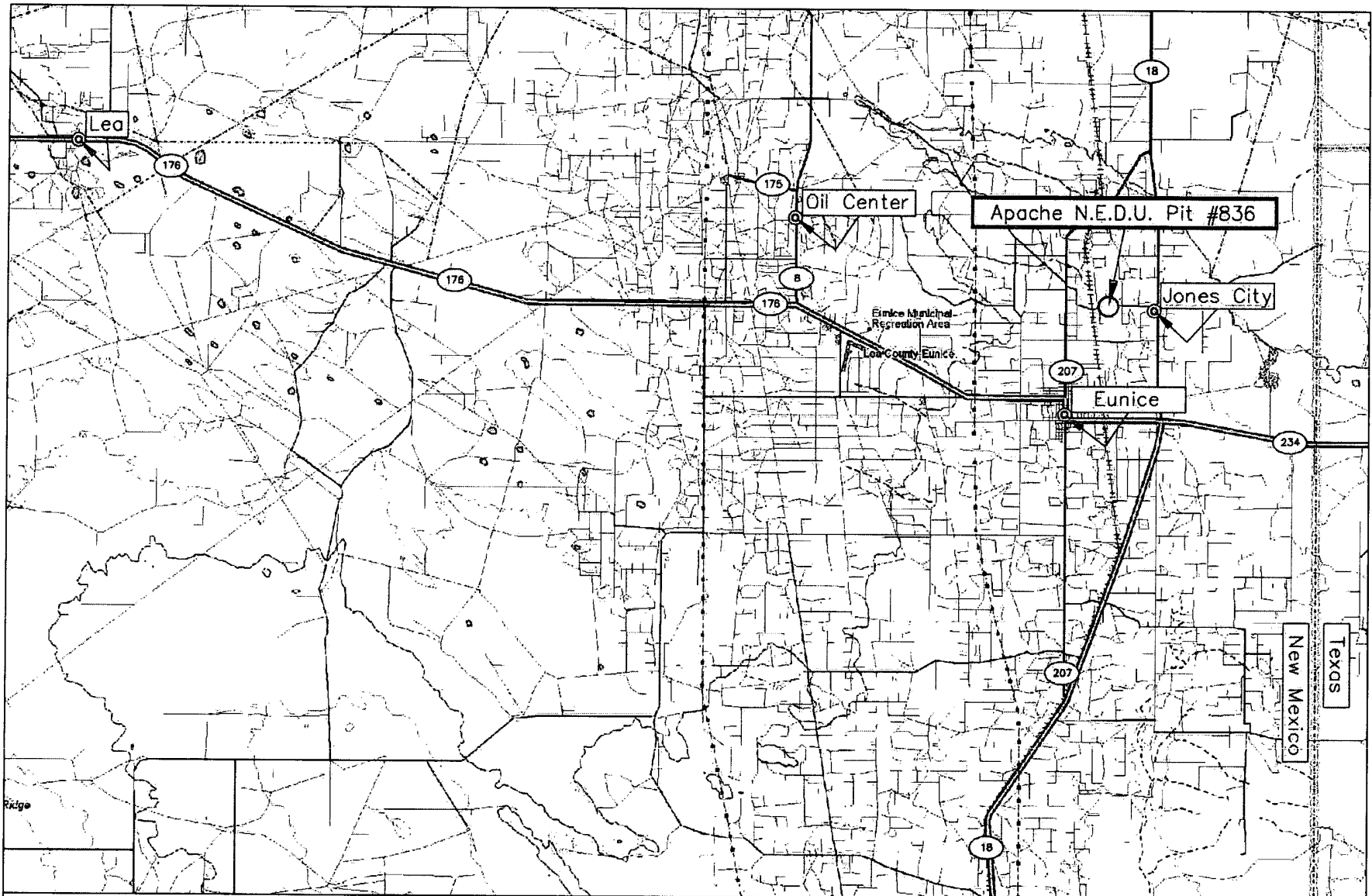
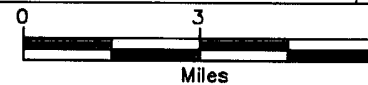


Figure 1
Area Map
Apache Corporation
N.E.D.U. Pit #836

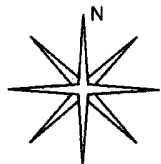
Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 22, T21S, R37E
N 32° 28' 17.9" W 103° 08' 36.2"
Elevation: 3,405 feet amsl

DWG By: Daniel Dominguez
February 2006

REVISED:



SHEET
1 of 1



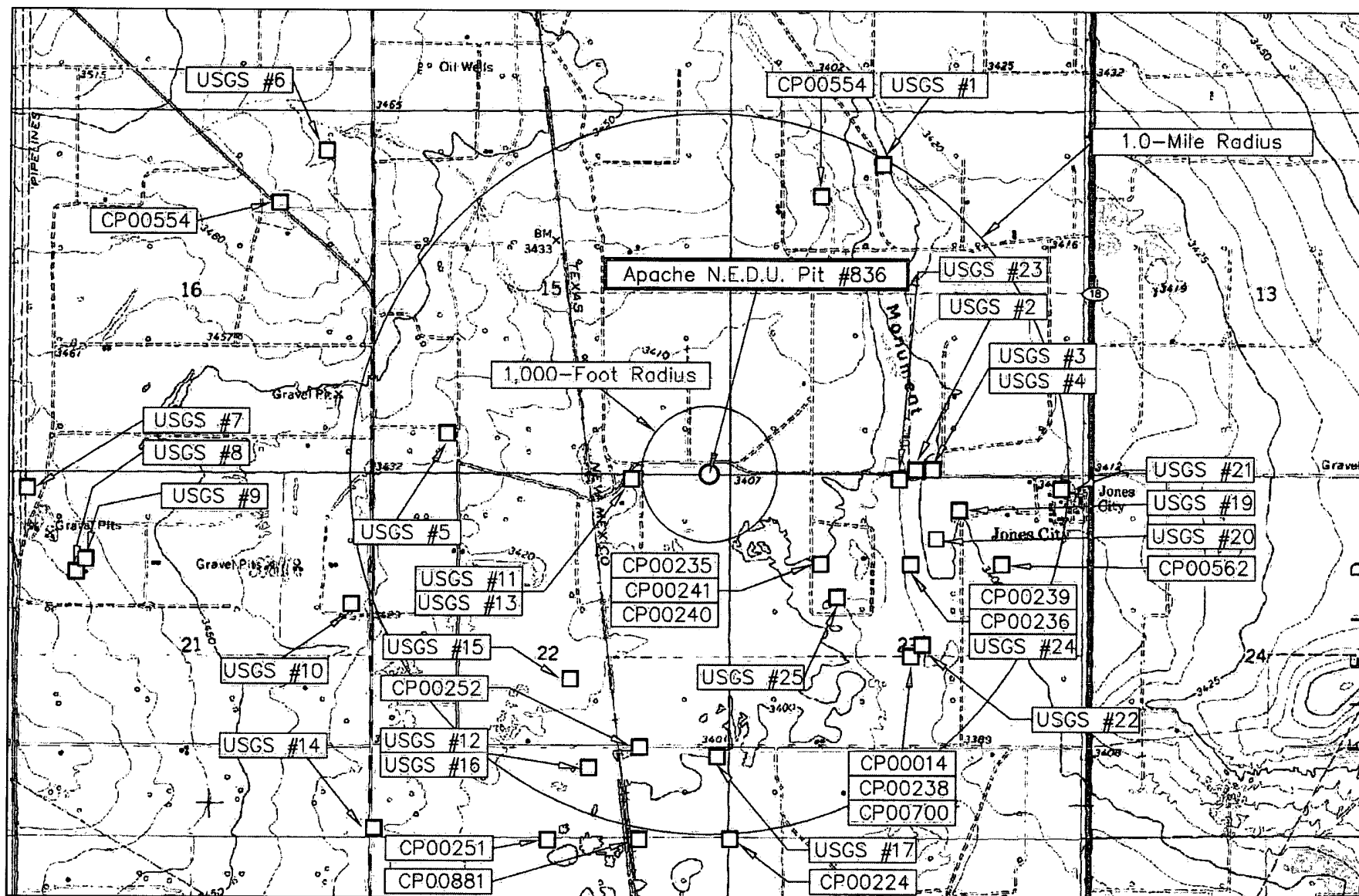
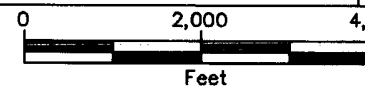


Figure 2
Site Location Map
Apache Corporation
N.E.D.U. Pit #836

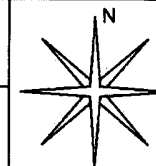
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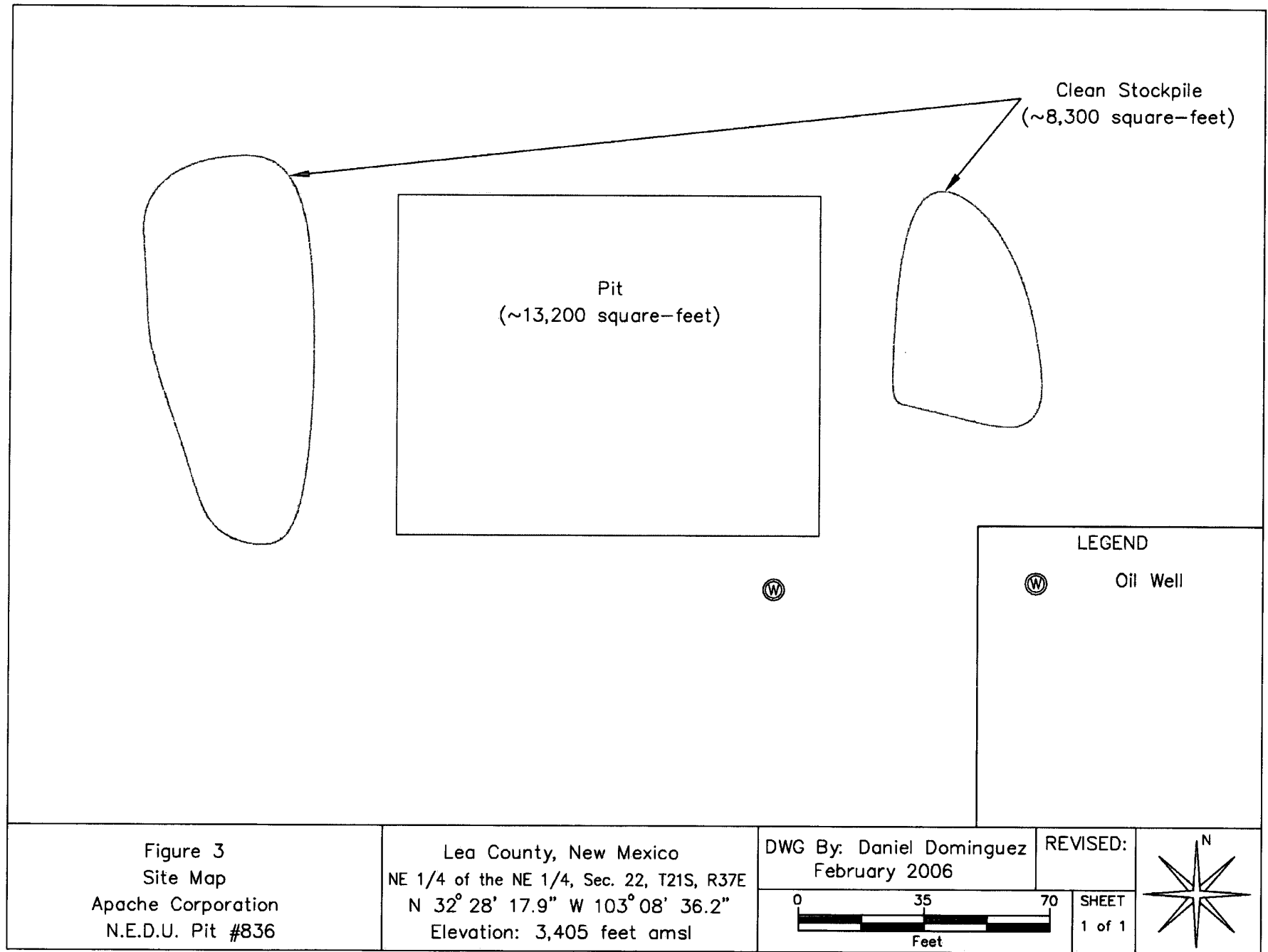


TABLE 1

Well Data

Apache Corporation - N.E.D.U. Pit #836 (Ref. #240008)

Well Number	Diversion ^A	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation ^B	Well Depth (ft bgs)	Depth to Water (ft bgs)
CP 00251	48	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	22 4 3 2	N 32° 27' 25.15"	W 103° 09' 01.37"	31-Dec-48	3,406	103	--
CP 00881	3	RICHARD DON JONES	DOM	21S	37E	22 4 4 3	N 32° 27' 25.16"	W 103° 08' 45.99"	07-Sep-99	3,406	95	53.0
CP 00554	3	MILLARD DECK	STK	21S	37E	16 2 2	N 32° 28' 55.57"	W 103° 09' 47.62"	05-Jun-76	3,494	80	70.0
CP 00014	75	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 2 3 1	N 32° 27' 51.29"	W 103° 07' 59.85"	09-Dec-48	3,392	84	--
CP 00224	31	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 3 3 4	N 32° 27' 25.17"	W 103° 08' 30.61"	30-Jun-49	3,402	96	--
CP 00235	61	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 1 2 2	N 32° 28' 04.35"	W 103° 08' 15.25"	30-Nov-48	3,403	81	--
CP 00236	40	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 2 1 3	N 32° 28' 04.35"	W 103° 07' 59.85"	31-Dec-48	3,395	83	--
CP 00238	40	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 2 3 3	N 32° 27' 51.29"	W 103° 07' 59.85"	31-Dec-48	3,392	81	--
CP 00239	25	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 2 1 1	N 32° 28' 04.35"	W 103° 07' 59.85"	30-Jun-61	3,395	89	--
CP 00240	34	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 1 2 4	N 32° 28' 04.35"	W 103° 08' 15.25"	31-May-62	3,403	72	--
CP 00241	11	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 1 2 4	N 32° 28' 04.35"	W 103° 08' 15.25"	31-Mar-64	3,403	76	--
CP 00562	3	JIMMIE D. WEIR	STK	21S	37E	23 2 2 1	N 32° 28' 04.35"	W 103° 07' 44.46"	23-Dec-76	3,400	136	65.0
CP 00700	3	WAYNE R. WALKER	MUL	21S	37E	23 2	N 32° 27' 51.29"	W 103° 07' 59.85"	10-Sep-86	3,392	75	65.0
USGS #11				21S	37E	22 2 1 1			22-Feb-96	3,415		42.5
USGS #12				21S	37E	22 4 3 2			19-Apr-77	3,412		66.6
USGS #13				21S	37E	22 2 1 1			23-Feb-96	3,415		42.8
USGS #14				21S	37E	22 3 3 3			17-Apr-91	3,427		46.1
USGS #15				21S	37E	22 4 1 4			27-Jan-76	3,415		68.8
USGS #16				21S	37E	22 4 3 2			27-Jan-76	3,412		66.7
USGS #17				21S	37E	22 4 4 2			17-Apr-91	3,400		58.6
USGS #1				21S	37E	14 1 2 4			13-Mar-96	3,403		27.8
USGS #2				21S	37E	14 3 4 4			23-Jan-76	3,400		48.6
USGS #3				21S	37E	14 4 3 3			19-Apr-91	3,404		55.1
USGS #4				21S	37E	14 4 3 3			02-Nov-65	3,404		52.6
USGS #5				21S	37E	15 3 3 4			19-Apr-91	3,435		49.1
USGS #6				21S	37E	16 2 2 2			24-Apr-91	3,475		63.5
USGS #7				21S	37E	21 1 1 1			10-Jan-54	3,468		73.1
USGS #8				21S	37E	21 1 3 2			10-Dec-70	3,472		80.1
USGS #9				21S	37E	21 1 3 2			02-Dec-65	3,469		77.8
USGS #10				21S	37E	21 2 4 2			25-Apr-91	3,435		56.1
USGS #19				21S	37E	23 2 1 1			17-Dec-70	3,406		58.3
USGS #20				21S	37E	23 2 1 3			19-May-65	3,406		51.8
USGS #21				21S	37E	23 2 2 1			30-Nov-65	3,416		55.2
USGS #22				21S	37E	23 2 3 3			23-Feb-96	3,392		45.8
USGS #23				21S	37E	23 1 2 2			17-Dec-70	3,396		50.1
USGS #24				21S	37E	23 1 2 4			05-Mar-66	3,395		49.6
USGS #25				21S	37E	23 1 4 1			27-Jan-76	3,400		62.1

TABLE 1

Well Data

Apache Corporation - N.E.D.U. Pit #836 (Ref. #240008)

Well Number	Diversion ^A	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation ^B	Well Depth (ft bgs)	Depth to Water (ft bgs)
USGS #18				21S	37E	22 2 1 2			17-Dec-70			56.6
USGS #26				21S	37E	23 1 2 2			17-Dec-70			48.0
USGS #27				21S	37E	23 2 2 2			30-Nov-65			54.5
USGS #28				21S	37E	23 2 3 1			05-Mar-66			50.8
USGS #29				21S	37E	23 3 1 2			17-Dec-70			63.0
USGS #30				21S	37E	23 3 2 2			17-Dec-70			47.5
USGS #31				21S	37E	23 3 3 1			12-Jun-52			79.1
USGS #32				21S	37E	23 3 3 4			27-Jan-76			60.4
USGS #33				21S	37E	23 3 4 3			22-Jun-53			68.9

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1)

Shaded area indicates well locations not shown on Figure 2

^A = in acre feet per annum

^B = Elevation interpolated from USGS topographical map based on referenced location.

IND = Industrial

DOM = Domestic

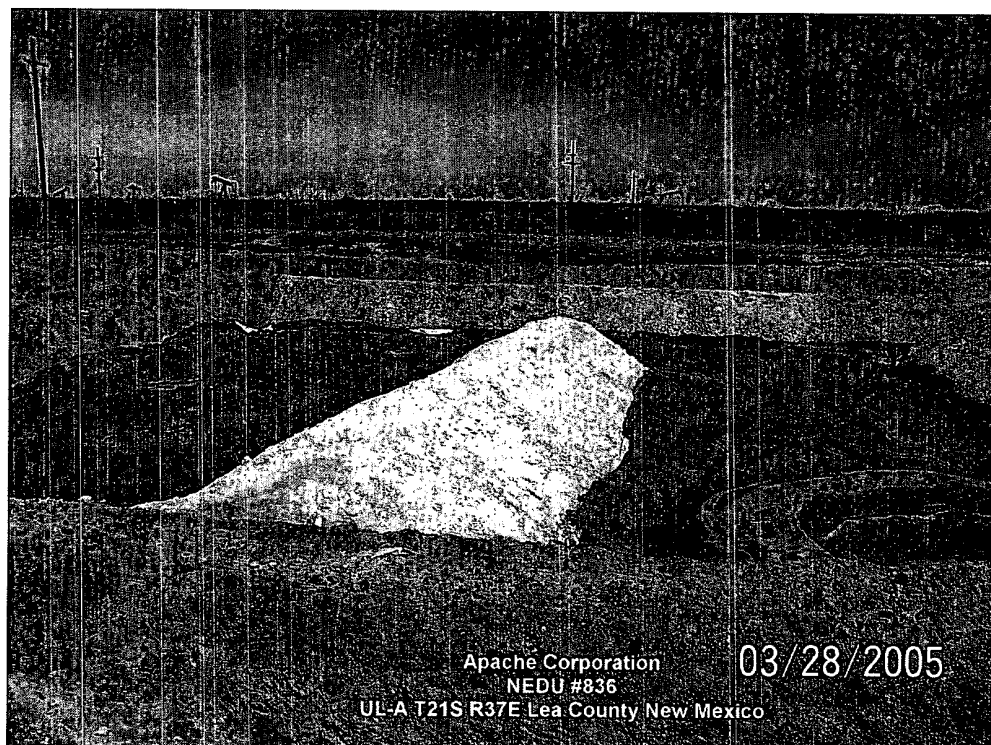
STK= Livestock watering

MUL= Multiple domestic households

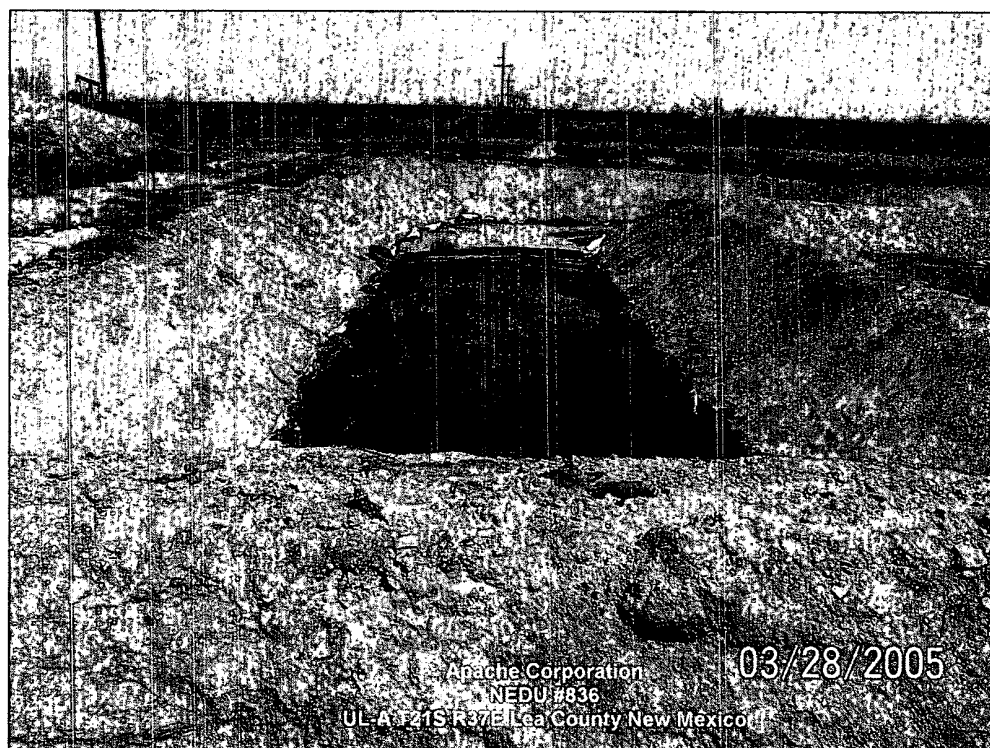
quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are biggest to smallest



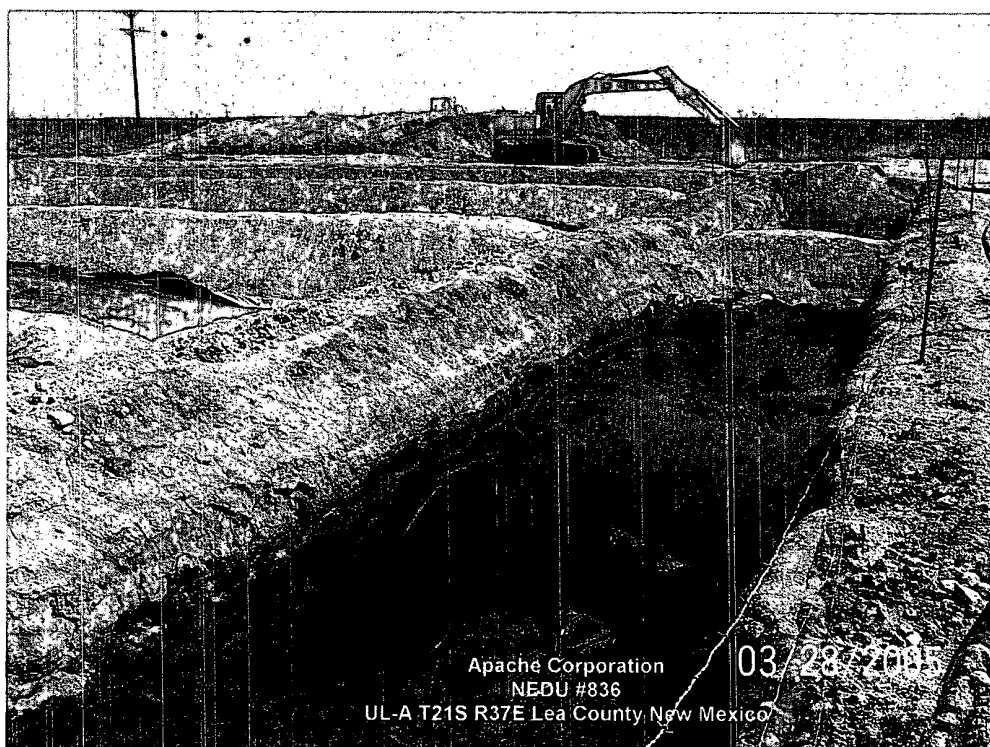
Photograph #1- Lease sign.



Photograph #2- Pit and berm, looking north.



Photograph #3- Pit and berm, looking north.



Photograph #4- Pit and berm, looking easterly.

ench Dr., Hobbs, NM 88240
W. Grand Avenue, Artesia, NM 88210
District III
000 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-144
June 1, 2004

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

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 ☒

Operator: Apache Corporation			Telephone: 505.390.4368			e-mail address: harold.swain@apachecorp.com				
Address: P.O. Box 1849 Eunice, New Mexico 88231										
Facility or well name: N.E.D.U. Pit #836			API #30-025-36807		Unit Letter (UL): A		Qtr/Qtr: NE¼ NE¼		Section 22, T21S, R37E	
County: Lea			Latitude: N 32°28'17.9"		Longitude: W 103°08'36.2"		NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/>			
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private (Charlie Bettis) <input checked="" type="checkbox"/> Indian <input type="checkbox"/>										
Pit					Below-grade tank					
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/>					Volume: bbl Type of fluid:					
Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/>					Construction material:					
Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/>					Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not.					
Pit Volume: ~3,000 bbl										
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) ~45' bgs					Less than 50 feet		(20 points) <input checked="" type="checkbox"/>			
					50 feet or more, but less than 100 feet		(10 points) <input type="checkbox"/>			
					100 feet or more		(0 points) <input 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)					20					

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 (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 "Apache Pit Closure General Plan" and the NMOCD Pit and Below-Grade Tank Guidelines, November 1, 2004 as promulgated under NMOCD Rule 50 (19.15.2.50 NMAC).

Pit Status: Liner intact ☒ Liner punctured or torn ☐

Method of Closure: Pit contents will be stiffened and hauled to disposal site. Bottom will be tested and, if acceptable, backfilled with clean soil. NMOCD will be notified prior to sampling and backfilling of the pit.

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 NMOCD guidelines ☒, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 2.13.06 Printed Name/Title Harold Swain Signature *Harold Swain*

Your certification and NMOCD 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.

Remove to disposal. Sample all bottoms for 250 Chlorides.

Approval:

Printed Name/Title

Paul Sheeley

Signature

ENVIRONMENTAL ENGINEER

Date:

2-22-06