

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		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Name of Company: Apache Corporation		Contact: Mike Warren	
Address: P.O. Box 1849		Telephone No.: (505) 394-2743	
Facility Name: N.E.D.U. Well #805		Facility Type: Pipeline	
Surface Owner: Millard Deck Estate		Mineral Owner:	
		Lease No.:	

LOCATION OF RELEASE								County
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	
F	22	21 S	37 E					Lea

50'

Latitude: N 32° 28' 0.73" Longitude: W 103° 09' 12.19"

NATURE OF RELEASE

Type of Release: Produced water	Volume of Release: 1,000 bbls	Volume Recovered: 420 bbls
Source of Release: 2 inch Fiberglass Injection Line.	Date and Hour of Occurrence: 12 November 2005	Date and Hour of Discovery: 13 November 2005 @ 0830
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Gary Wink, OCD	
By Whom? Clayton Frank, Apache	Date and Hour: 14 November 2005 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	

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

Describe Cause of Problem and Remedial Action Taken.* Structural integrity of 2" injection line comprised. Pipeline was excavated and line clamped.

Describe Area Affected and Cleanup Action Taken.* Approximately 20,900 square feet of surface area was impacted by the release. The point of release was exposed and a line clamp installed. Saturated soil has been excavated from the vicinity of the point of release and stockpiled on plastic. Once initial excavation activities are complete, samples will be collected to delineate the lateral and vertical extents of impacts associated with this release. Upon receipt of analytical results, the remediation plan will be developed and submitted to the NMOCD for approval. The excavated soil will be disposed of at an approved land treatment facility. Remedial Goals: TPH 8015m = 1,000 mg/Kg, benzene = 10 mg/Kg, BTEX = 50 mg/Kg and chloride residuals not capable of impacting groundwater above 250 mg/L.

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	
Signature:		Approved by District Supervisor:	
Printed Name: Mike Warren		Approval Date:	
Title: Area Supervisor		Expiration Date:	
E-mail Address: mike.warren@apachecorp.com		Conditions of Approval:	
Date:		Attached <input type="checkbox"/>	
Phone: (505) 394-2743			

* Attach Additional Sheets If Necessary

Apache - 873
incident - PAC0606636141
application - PAC0606638140

TABLE 1

Well Data

Apache Corporation - N.E.D.U. Well #805 (Ref. # 240012)

Well Number	Diversion ^A	Owner	Use	Twap	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	N32° 27' 25.15"	W103° 09' 1.37"	31-Dec-48	3,406	103	
CP 00252	40	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	22 4 2 4	N32° 27' 38.22"	W103° 08' 46.00"	31-Mar-49	3,409	106	
CP 00881	3	RICHARD DON JONES	DOM	21S	37E	22 4 4 3	N32° 27' 25.16"	W103° 08' 45.99"	07-Sep-99	3,406	95	53
CP 00212 DCL	0	J. M. OWENS	DOM	21S	37E	14 1 2 2	N32° 28' 56.59"	W103° 08' 15.29"		3,423		
CP 00334	3	MILLARD DECK	STK	21S	37E	16 2 2	N32° 28' 56.57"	W103° 09' 47.62"	05-Jun-76	3,491	80	70
CP 00014	75	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 2 3 1	N32° 27' 51.29"	W103° 07' 59.85"	09-Dec-48	3,393	84	
CP 00224	31	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 3 3 4	N32° 27' 25.17"	W103° 08' 30.61"	30-May-49	3,402	96	
CP 00235	61	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 1 2 2	N32° 28' 4.35"	W103° 08' 15.25"	30-Nov-48	3,403	81	
CP 00236	40	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 2 1 3	N32° 28' 4.35"	W103° 07' 59.85"	31-Dec-48	3,400	83	
CP 00238	40	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 2 3 3	N32° 27' 51.29"	W103° 07' 59.85"	31-Dec-48	3,393	81	
CP 00239	25	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 2 1 1	N32° 27' 51.29"	W103° 07' 59.85"	30-Jun-61	3,393	89	
CP 00240	34	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 1 2 4	N32° 28' 4.35"	W103° 08' 15.25"	31-May-62	3,402	72	
CP 00241	11	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	23 1 2 4	N32° 28' 4.35"	W103° 08' 15.25"	31-Mar-64	3,402	76	
CP 00562	3	JIMMIE D. WEIR	STK	21S	37E	23 2 2 1	N32° 28' 4.35"	W103° 07' 44.46"	23-Dec-76	3,406	136	65
CP 00700	3	WAYNE R. WALKER	MUL	21S	37E	23 2 2	N32° 27' 51.29"	W103° 07' 59.85"	10-Sep-86	3,393	75	65
CP 00226	48.39	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	26 4 4 1	N32° 26' 32.94"	W103° 07' 44.41"	11-Jun-62	3,378	80	
CP 00227	32.26	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	26 4 3 2	N32° 26' 32.93"	W103° 07' 59.80"	30-Jun-62	3,381	85	
CP 00228	24.2	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	26 4 3 4	N32° 26' 32.93"	W103° 07' 59.80"	28-Feb-63	3,381	90	
CP 00230	48.39	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	26 3 2 3	N32° 26' 45.99"	W103° 08' 15.19"	31-Jul-65	3,389	85	
CP 00017	75	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	27 2 1 2	N32° 27' 12.09"	W103° 09' 1.36"	04-Dec-48	3,409	101	
CP 00249	40	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	27 2 3 2	N32° 26' 59.03"	W103° 09' 1.35"	31-Dec-48	3,410	102	
CP 00250	24	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	27 2 3 2	N32° 26' 59.03"	W103° 09' 1.35"	31-Dec-48	3,410	101	
CP 00253	61	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	27 2 4 3	N32° 26' 59.04"	W103° 08' 45.97"	31-May-58	3,403	101	
CP 00346 DCL	0	H.A. BRAMLETT	DOM	21S	37E	27 1 3 1	N32° 26' 59.02"	W103° 09' 32.12"		3,425		
CP 00736	3	RONALD K. WORDEN	DOM	21S	37E	27 1 3	N32° 26' 59.02"	W103° 09' 32.12"	10-Sep-88	3,425	120	76
CP 00242	96	VERSADO GAS PROCESSORS, LLC	IND	21S	37E	28 2 4 3	N32° 26' 59.02"	W103° 09' 47.52"	31-Dec-64	3,439	112	
CP 00318 EXP	0	INC MCCASLAND HOT OIL SERVICE	SAN	21S	37E	28 3 4	N32° 26' 32.92"	W103° 10' 18.29"		3,465		
CP 00322	3	MILLARD DECK	DOM	21S	37E	28 3	N32° 26' 32.92"	W103° 10' 33.69"	10-Jun-66	3,475	138	73
CP 00513	0	CORPORATION GULF OIL	SRO	21S	37E	28 3 1 3	N32° 26' 45.98"	W103° 10' 33.70"		3,471		
CP 00711	3	FLOYD G. BLOCK	DOM	21S	37E	28 2 4	N32° 26' 59.02"	W103° 09' 47.52"	02-Oct-87	3,439	100	65
CP 00735	3	CHARLES W. JENNINGS	DOM	21S	37E	28 4 2	N32° 26' 45.97"	W103° 09' 47.51"	27-Jul-88	3,435	105	
CP 00749	3	D.M. CRISWELL	DOM	21S	37E	28 3 4 2	N32° 26' 32.92"	W103° 10' 18.29"	22-Jun-90	3,465	123	75

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

IND = Industrial

DOM = Domestic

SAN = Sanitary Commercial Use

SRO = Secondary Oil Recovery

STK = Livestock watering

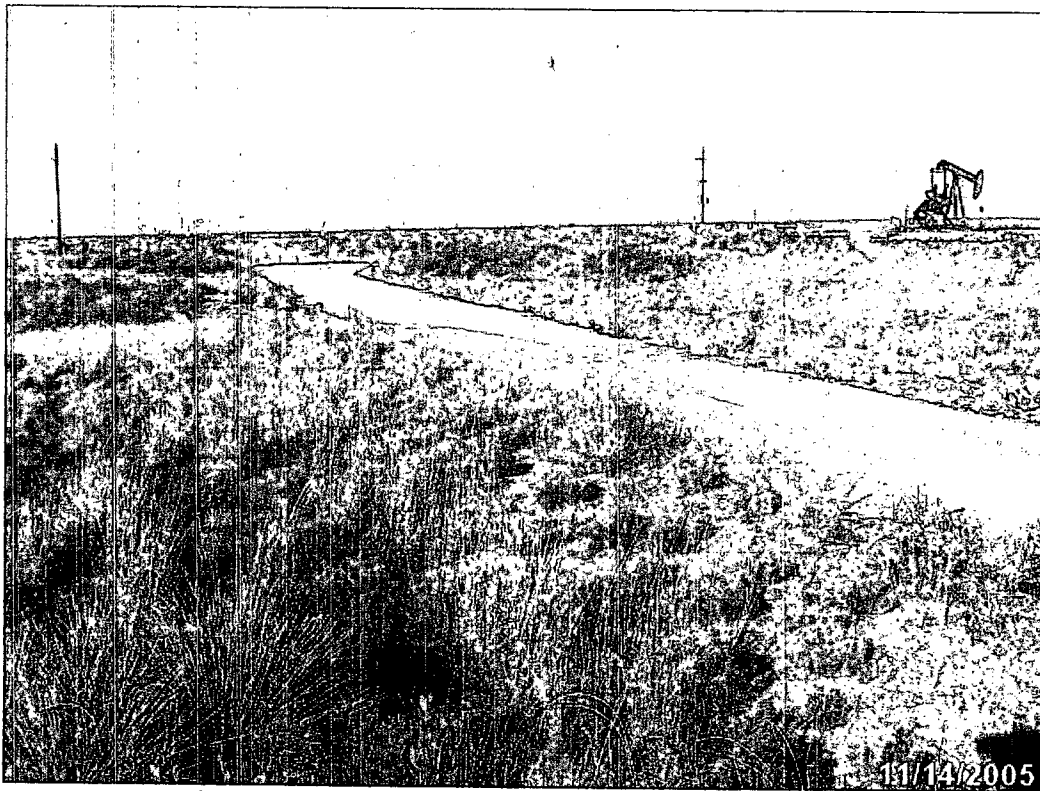
MUL = Multiple domestic households

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

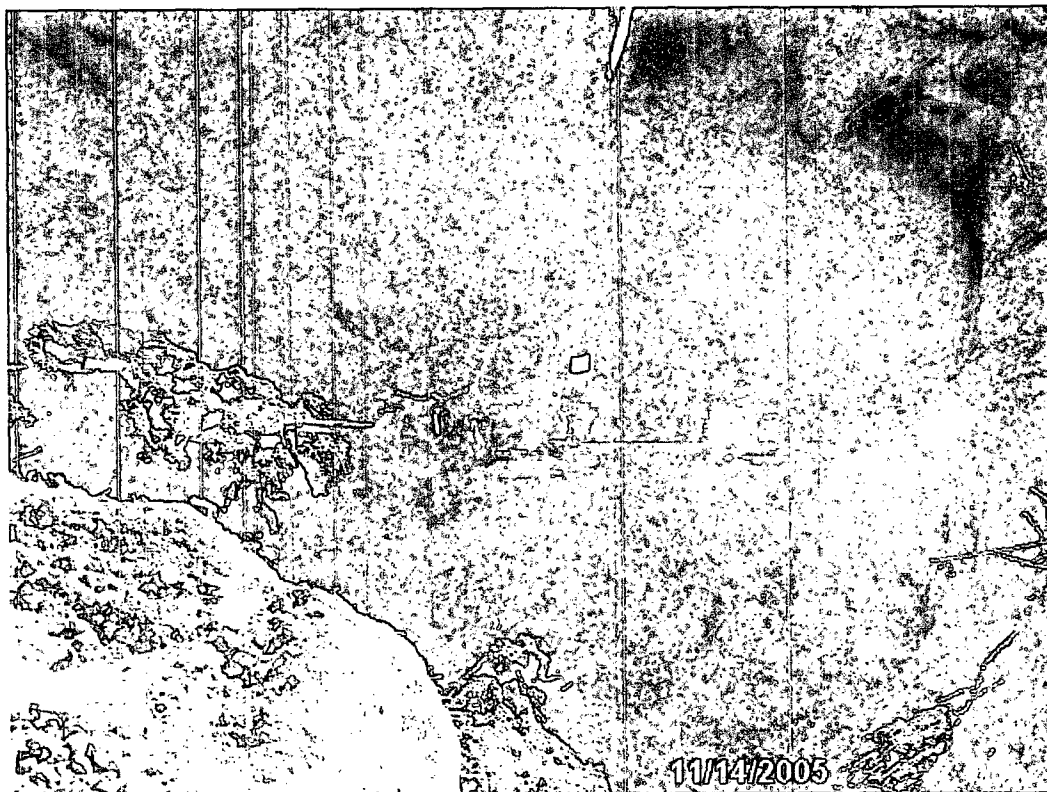
Shaded areas indicate wells not shown on Figure 2



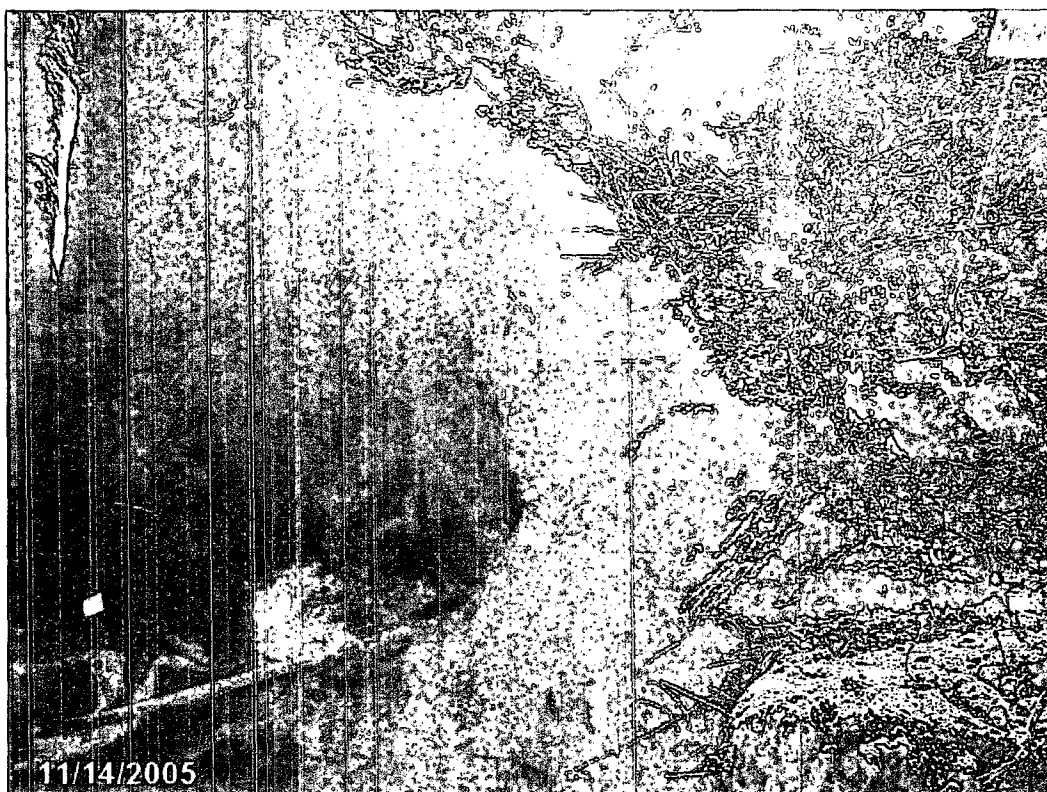
Photograph #1-Lease Sign.



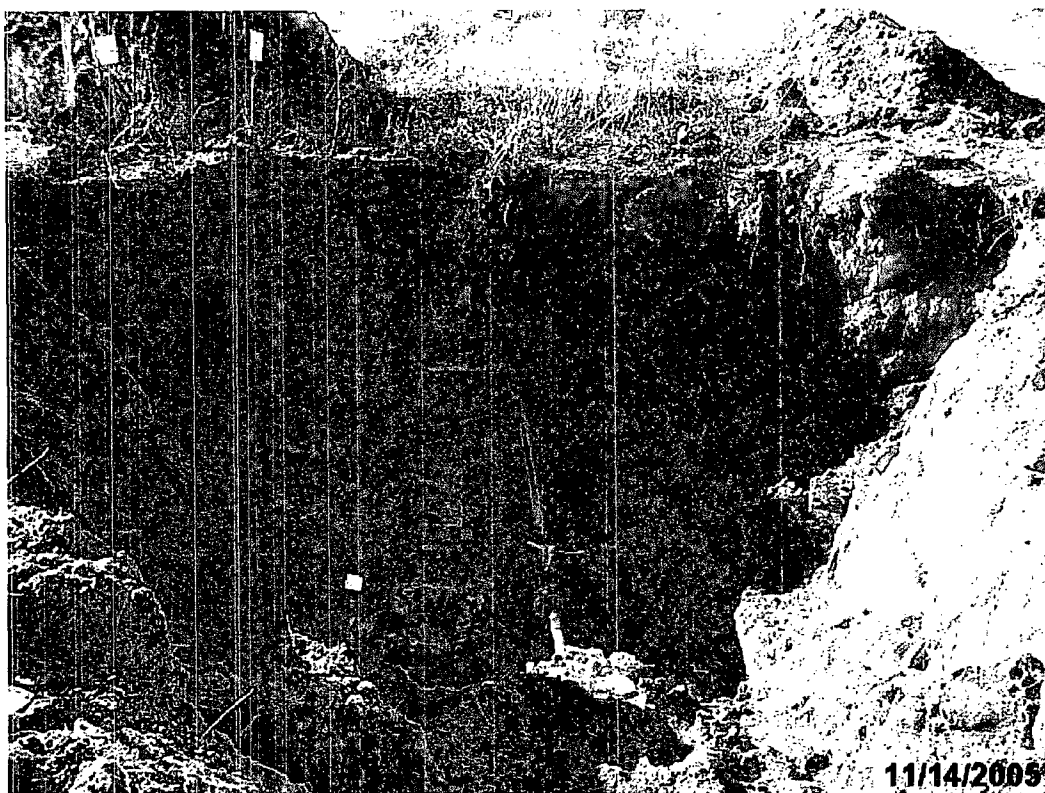
Photograph #2-Release area; looking northerly.



Photograph #3-Excavated area at release point.



Photograph #4-Excavated area at release point.



Photograph #5-Excavated area at release point.



Information and Metrics

Incident Date:
13 November 2005

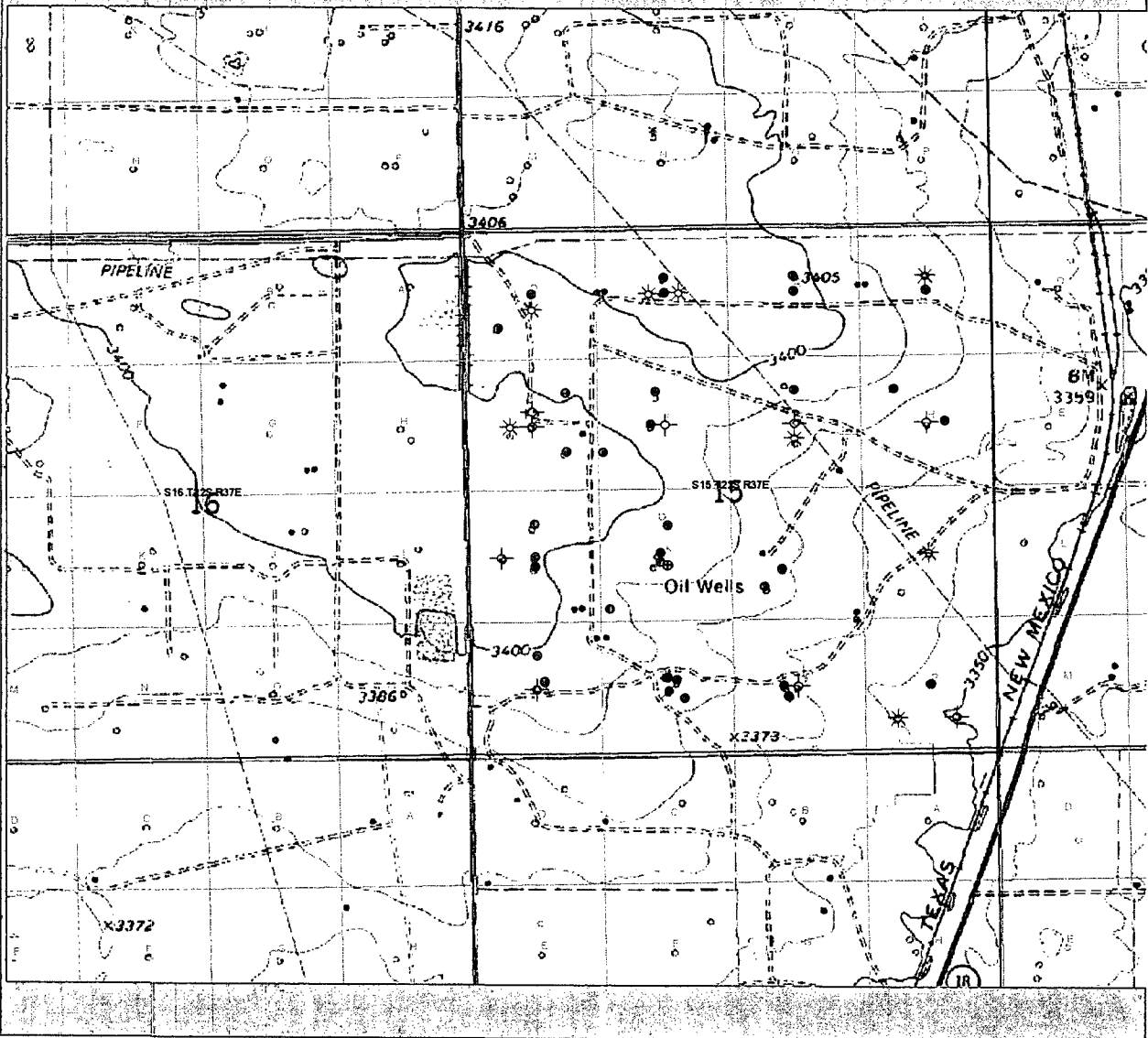
NMOCD Notified:
14 November 2005

Site: N.E.D.U. Well #805		Assigned Site Reference #: 240012	
Company: Apache Corporation			
Street Address:			
Mailing Address: P.O. Box 1849			
City, State, Zip: Eunice, New Mexico 88231			
Representative: Mike Warren			
Representative Telephone: (505) 394-2743			
Telephone:			
Fluid volume released (bbls): 1,000 barrels		Recovered (bbls): 420 barrels	
>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)			
Leak, Spill, or Pit (LSP) Name: N.E.D.U. Well #805			
Source of contamination: Pipeline			
Land Owner, i.e., BLM, ST, Fee, Other: Millard Deck Estate			
LSP Dimensions: 209 feet by 100 feet			
LSP Area: ≈20,900 ft ²			
Location of Reference Point (RP):			
Location distance and direction from RP:			
Latitude: N 32° 28' 0.73"			
Longitude: W 103° 09' 12.19"			
Elevation above mean sea level: 3,420			
Feet from South Section Line:			
Feet from West Section Line:			
Location- Unit or ¼: SE¼ of the NW¼		Unit Letter: F	
Location- Section: 22			
Location- Township: T21S			
Location- Range: R37E			
Surface water body within 1000' radius of site: none			
Domestic water wells within 1000' radius of site: none			
Agricultural water wells within 1000' radius of site: none			
Public water supply wells within 1000' radius of site: none			
Depth from land surface to ground water (DG): ~68 feet			
Depth of contamination (DC): unknown			
Depth to ground water (DG – DC = DtGW): estimated to be 50 to 100 feet			
1. Ground Water		2. Wellhead Protection Area	
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>	
If Depth to GW 50 to 99 feet: <i>10 points</i>		If >1000' from water source, or, >200' from private domestic water source: <i>0 points</i>	
If Depth to GW >100 feet: <i>0 points</i>			
		3. Distance to Surface Water Body	
		<200 horizontal feet: <i>20 points</i>	
		200-100 horizontal feet: <i>10 points</i>	
		>1000 horizontal feet: <i>0 points</i>	
Site Rank (1+2+3) = 10			
Total Site Ranking Score and Acceptable Concentrations			
Parameter	>19	10-19	0-9
Benzene ¹	10 ppm	10 ppm	10 ppm
BTEX ¹	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1,000 ppm	5,000 ppm

¹100 ppm field VOC headspace measurement may be substituted for lab analysis



RBDMS GIS/GPS Utility





ENVIRONMENTAL PLUS, INC. *Micro-Bleed*
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

17 November 2005

Mr. Paul Sheeley, Environmental Engineer

New Mexico Oil Conservation Division

1625 North French

Hobbs, New Mexico 88240

Re: Initial C-141

Apache Corporation – N.E.D.U. Well #805 (Reference #240012)

UL-F (SE¼ of the NW¼) of Section 22, Township 21 South, Range 37 East

Latitude N 32° 28' 0.73" and Longitude W 103° 09' 12.19"

Dear Mr. Sheeley:

Environmental Plus, Inc. (EPI), on behalf of Mr. Mike Warren, Apache Corporation (Apache), submits the attached New Mexico Oil Conservation Division (NMOCD) form C-141 for the above-referenced leak site located on land owned by the Millard Deck Estate.

The site is located approximately 2 miles north of Eunice, 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 there are eight wells located within a one-mile radius of the release site; however, there are no water supply wells located within a 1,000-foot radius of the release site (reference *Figure 2*). Groundwater level data indicates an average depth to water of approximately 68 feet below ground surface (bgs). Based on available information, it is estimated that the depth to groundwater at the site is between 50 and 100 feet 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).

The release of 1,000 barrels of produced water on November 13, 2005 was the result of the structural integrity of the high pressure fiberglass injection line being compromised. Upon discovery of the release, the line was shut in and a backhoe was utilized to expose the point of release and the line clamped. Approximately 420 barrels of produced water were recovered from the release.

The vertical and lateral extents of contamination will be delineated and a detailed work plan developed and submitted for NMOCD approval to address issues identified during delineation activities. The contaminated soil is exempted from RCRA 40 CFR Part 261.



Should you have any questions please feel free to contact Iain Olness or myself at (505) 394-3481 or Mr. Mike Warren at (505) 394-2743. All official communication should be addressed to:

Mr. Mike Warren
Apache Corporation
P.O. Box 1849
Eunice, New Mexico 88231

Sincerely,

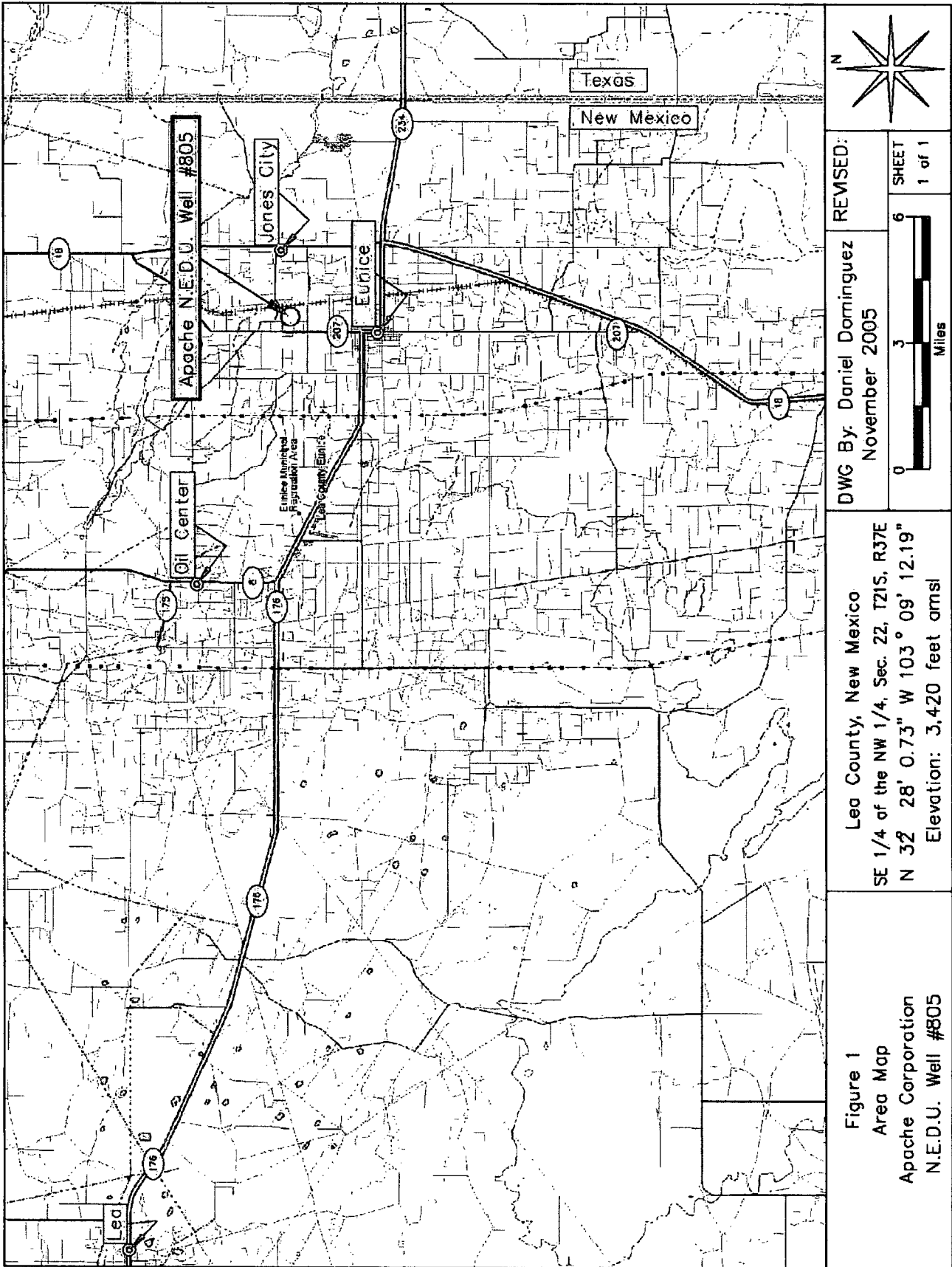
ENVIRONMENTAL PLUS, INC.

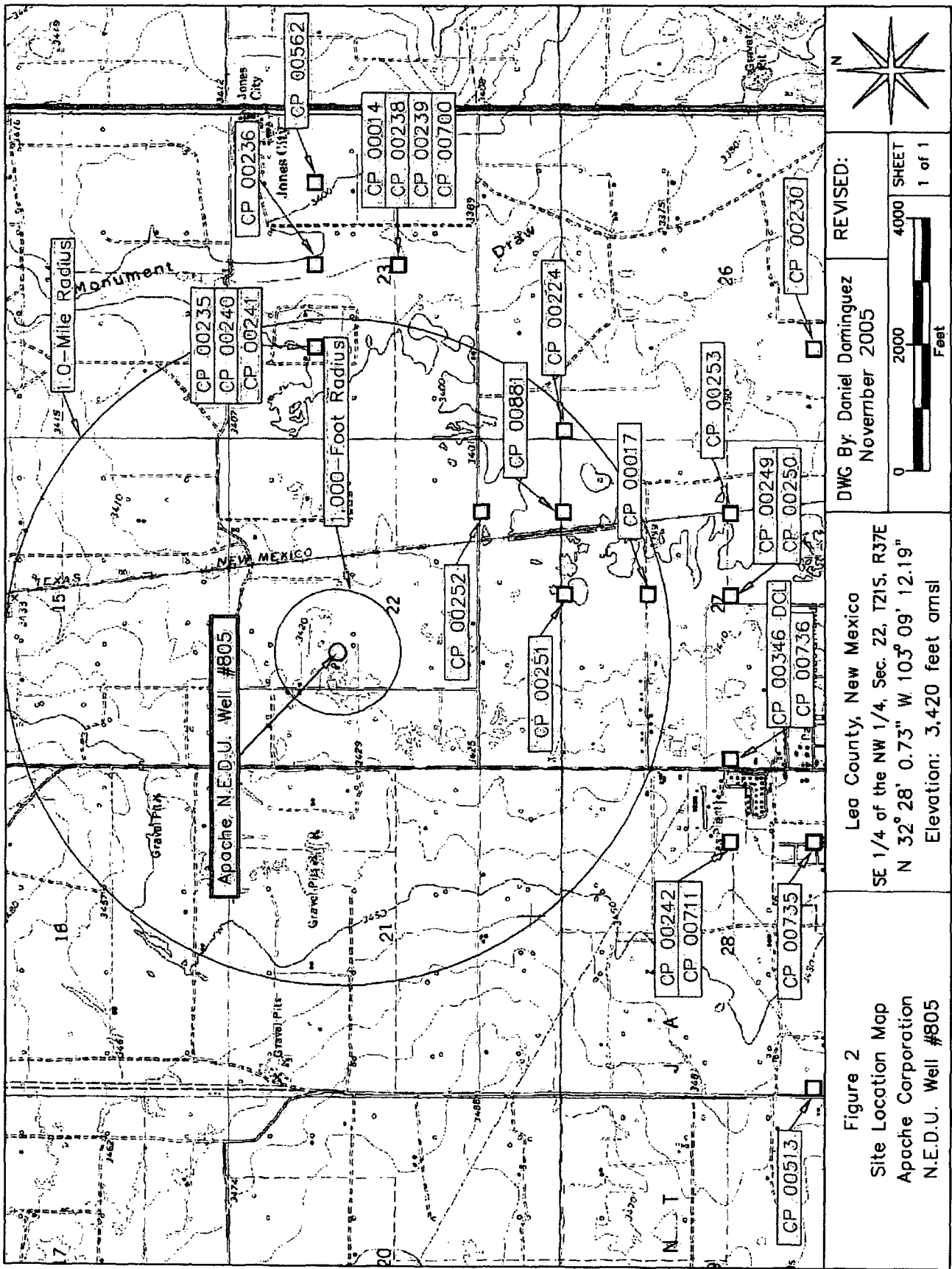
Pat McCasland
EPI Environmental Consultant
pmccasland@envplus.net

cc: Mike Warren, Apache Corporation – Eunice, NM, mike.warren@apachecorp.com
Quinn Burks, Apache Corporation – Wink, TX, quinn.burks@apachecorp.com
David Urbanski, Apache Corporation – Eunice, NM, david.urbanski@apachecorp.com
file

Enclosures:

FIG 1
FIG 2
FIG 3
Table 1
Photographs
Site Information and Metrics Form
C-141

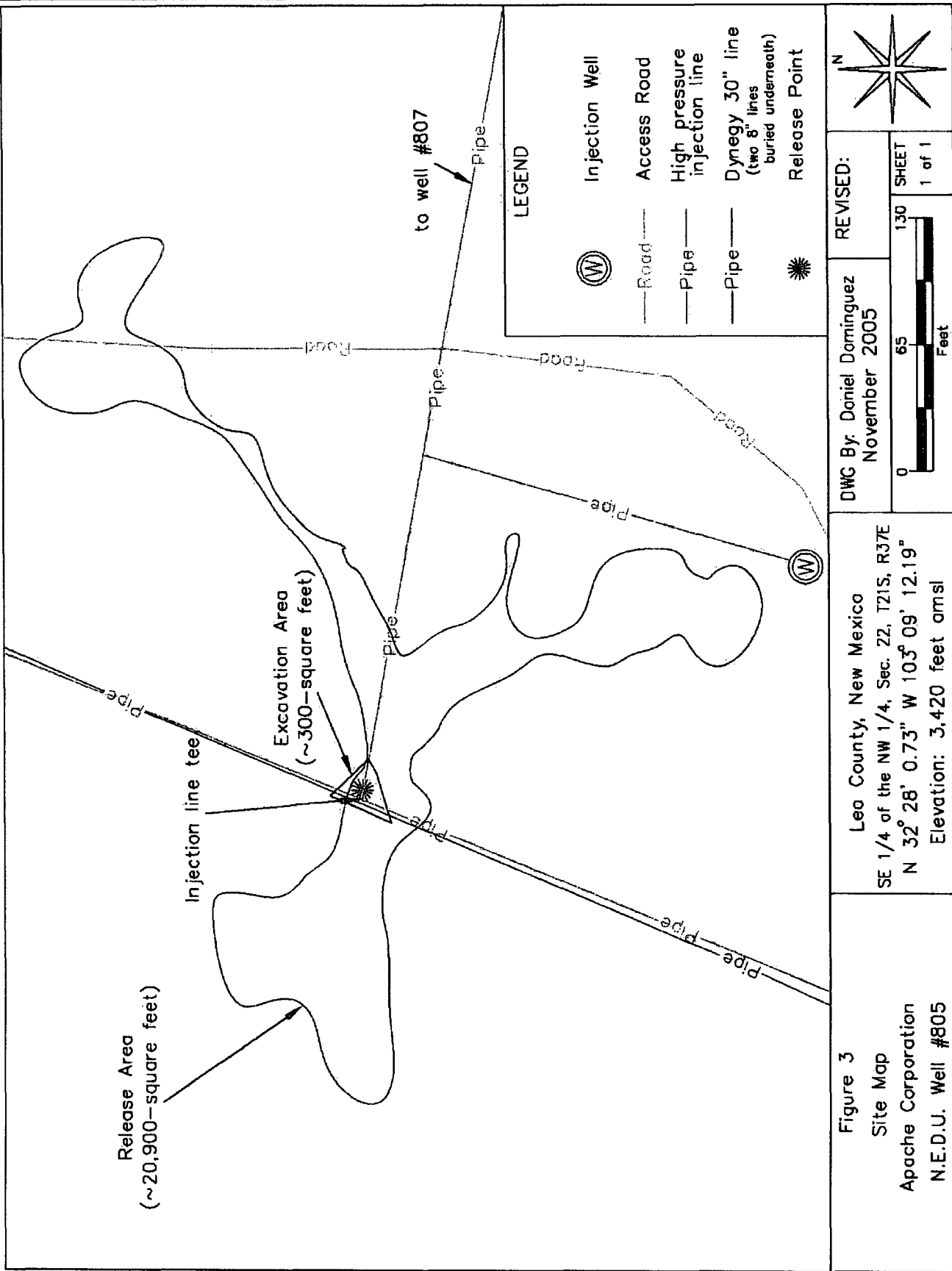




DWG By: Daniel Dominguez
 November 2005
 REVISED:

Lea County, New Mexico
 SE 1/4 of the NW 1/4, Sec. 22, T21S, R37E
 N 32° 28' 0.73" W 103° 09' 12.19"
 Elevation: 3,420 feet amsl

Figure 2
 Site Location Map
 Apache Corporation
 N.E.D.U. Well #805



REVISIONS:

DWG By: Daniel Dominguez
November 2005

SHEET

130
1 of 1

Leo County, New Mexico
SE 1/4 of the NW 1/4, Sec. 22, T21S, R37E
N 32° 28' 0.73" W 103° 09' 12.19"
Elevation: 3,420 feet amsl

Figure 3
Site Map
Apache Corporation
N.E.D.U. Well #805