



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 Duke Energy Field Services	Contact Mark Owens
Address 1625 West Mariand, Hobbs, New Mexico 88240	Telephone No. (505) 397-4451
Facility Name A-18-13-1 Ext.	Facility Type 4" Steel Low Pressure Line

Surface Owner State of New Mexico, leased by Eidson Ranches	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter J	Section 10	Township T17S	Range R34E	Feet from the North/South Line	Feet from the East/West Line	County: Lea Lat. N 32° 50' 46.02" Lon. W 103° 32' 40.32"
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NATURE OF RELEASE

Type of Release Natural Gas and Natural Gas Liquids	Volume of Release 8 barrels	Volume Recovered No Recovery
Source of Release Internal corrosion of 4" steel low pressure line	Date and Hour of Occurrence September 27, 2005	Date and Hour of Discovery September 27, 2005 @ 14:30 hrs
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson, NMOCD-Hobbs @ 15:42 hrs	
By Whom? Lynn Ward	Not Required	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* The release occurred due to internal corrosion of a 4" steel line. The line was shut in, and will be abandoned.		

Describe Area Affected and Cleanup Action Taken.*
Site will be delineated and a Remediation/Closure Proposal submitted to the NMOCD. Soil contaminated above the NMOCD Remedial Guidelines will be disposed of at an approved facility or remediated on site. Remedial Goals: TPH = 1,000 mg/Kg, benzene = 10 mg/Kg, and BTEX = 50 mg/Kg.

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: <i>Lynn Ward</i>	OIL CONSERVATION DIVISION	
Printed Name: Lynn Ward		
E-mail Address: lward@duke-energy.com	Approved by District Supervisor:	
Title: Senior Environmental Specialist	Approval Date:	Expiration Date:
Date: Phone: (432) 620-4207	Conditions of Approval:	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

Facility - PPAC0613751546
Incident - PPAC0613751675
Application - PPAC0613751829



ENVIRONMENTAL PLUS, INC.

12 October 2005

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

Re: Initial C-141
Duke Energy Field Services A-8-13-1 Ext. Release Site (Reference #130033)
UL-J (NW¼ of the SE¼) of Section 10, Township 17 South, Range 34 East
Latitude N 32° 50' 46.02" and Longitude W 103° 32' 40.32"

Dear Mr. Johnson:

Environmental Plus, Inc. (EPI), on behalf of Ms. Lynn Ward, Duke Energy Field Services, L.P. (DEFS), submits the attached New Mexico Oil Conservation Division (NMOCD) form C-141 for the above-referenced leak site located on land owned by the State of New Mexico and leased to Eidson Ranches, approximately 3.8 miles north-northwest of Buckeye, New Mexico. The United States Geological Survey (USGS) and New Mexico Office of the State Engineer (NMOSE) database indicate there are 38 water supply wells located near the release site area; 13 of these wells are within a one-mile radius. There are no water supply wells located within a 1,000-foot radius of the release site (reference *Figure 2*). Depth to water for these wells is approximately 88 feet below ground surface (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).

A remediation plan will be developed and submitted for NMOCD approval and will address issues identified during delineation of the vertical and horizontal extents of chloride, sulfates, total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and total xylenes (BTEX). The contaminated soil is exempt from RCRA 40 CFR Part 261.

If there are any questions please feel free to contact me at (505) 394-3481 or Ms. Lynn Ward at (432) 620-4207 or via e-mail at lcward@duke-energy.com. All official communication should be addressed to:

Ms. Lynn Ward
Duke Energy Field Services
10 Desta Drive, Suite 400-W
Midland, TX 79705

Sincerely,

ENVIRONMENTAL PLUS, INC.


Iain Olness, P.G.
Hydrogeologist



cc: Mark Owens, Duke Energy Field Services, Hobbs, NM
Lynn Ward, Duke Energy Field Services, Midland, TX
Steve Weathers, Duke Energy Field Services – Denver, CO

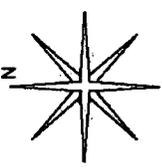
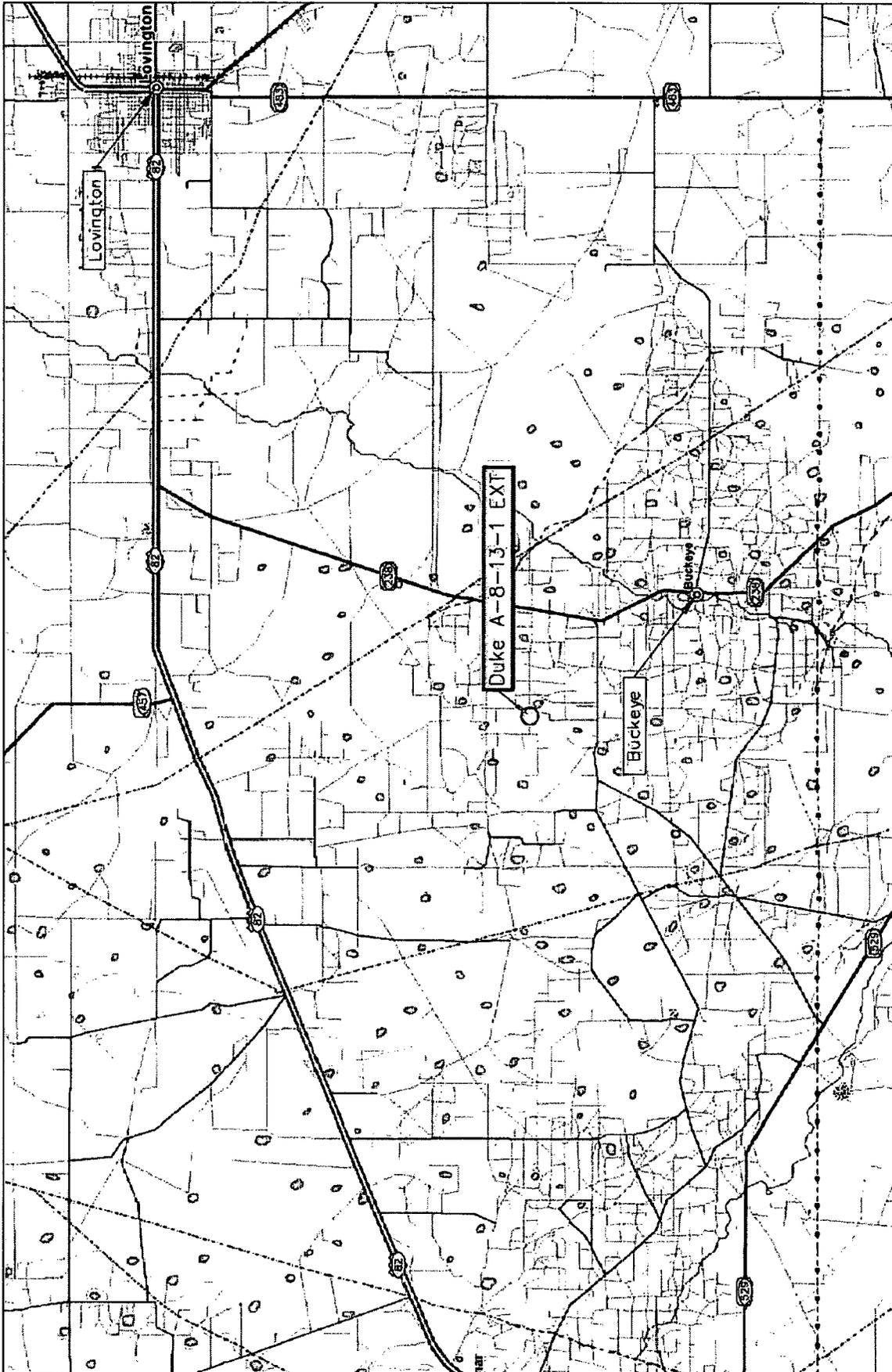


Site Information and Metrics

Incident Date:
27 September 2005

NMOCD Notified:
27 September 2005

Site: A-8-13-1 EXT		Assigned Site Reference #: 130033	
Company: Duke Energy Field Services			
Street Address:			
Mailing Address: 1625 West Marland			
City, State, Zip: Hobbs, New Mexico 88240			
Representative: Mark Owens			
Representative Telephone: (505) 397-5541			
Telephone:			
Fluid volume released (bbls): 8 bbls		Recovered (bbls): No Recovery	
>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: A-8-13-1 Ext.			
Source of contamination: Internal corrosion of an 4" steel low pressure line			
Land Owner, i.e., BLM, ST, Fee, Other: State of New Mexico, leased to Eidson Ranches			
LSP Dimensions: 40 feet by 20 feet and 31 feet by 10 feet			
LSP Area: ≈1,800 ft ²			
Location of Reference Point (RP):			
Location distance and direction from RP:			
Latitude: N 32° 50' 46.02"			
Longitude: W 103° 32' 40.32"			
Elevation above mean sea level: 4,049			
Feet from South Section Line:			
Feet from West Section Line:			
Location- Unit or ¼: NW¼ of the SE¼		Unit Letter: J	
Location- Section: 10			
Location- Township: T17 S			
Location- Range: R 34 E			
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): ≈ 88 feet			
Depth of contamination (DC): Unknown			
Depth to ground water (DG - DC = DtGW): >50 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>		<i>Wellhead Protection Area Score = 0</i>	
<i>Ground water Score = 10</i>		<i>Surface Water Score = 0</i>	
<i>Site Rank (1+2+3) = 10</i>			
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
¹ 100 ppm field VOC headspace measurement may be substituted for lab analysis			



REVISED:
JCS, Oct. 2005

DWG By: Daniel Dominguez
September 2005



Lea County, New Mexico
NW 1/4 of the SE 1/4, Sec. 10, T17S, R34E
N 32° 50' 46.02" W 103° 32' 40.32"
Elevation: 4,049 feet amsl

Figure 1
Area Map
Duke Energy
A-8-13-1 EXT

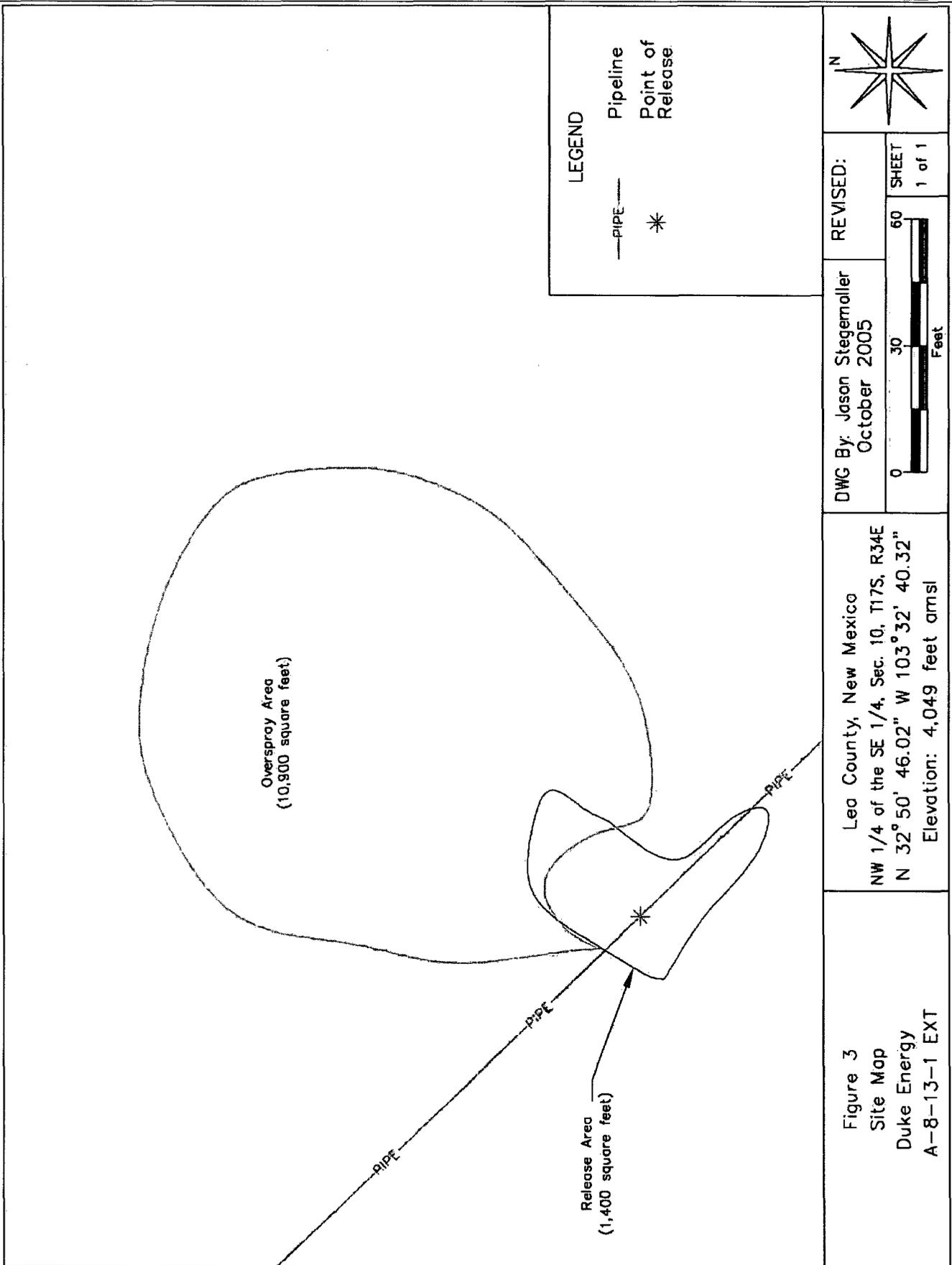


TABLE 1

WELL INFORMATION REPORT*

Duke Energy Field Services A-8-13-1-EXT - Ref #130032

Well Number	Diversion ^A	Owner	Use	Source	Twp	Range	Sec	Q	q	q	Latitude	Longitude	Date Measured	Surface Elevation ^B	Depth to Water (ft bgs)
L 02312	3	WARREN & BRADSHAW ATTENTION	PRO	Shallow	17S	34E	01	44			N 32° 51' 24.81"	W 103° 30' 33.59"	05-Aug-99	4,030	71
L 02312 APPRO				Shallow	17S	34E	01	44			N 32° 51' 24.81"	W 103° 30' 33.59"	05-Aug-99	4,030	71
L 02749	3	DON ANGLE & SP YATES DRILLING	PRO	Shallow	17S	34E	11	24			N 32° 50' 58.21"	W 103° 31' 33.99"	14-Jan-85	4,049	83
L 02749 APPRO				Shallow	17S	34E	11	24			N 32° 50' 58.21"	W 103° 31' 33.99"	14-Jan-85	4,049	83
L 03007	3	DONNELLY DRILLING CO.	PRO	Shallow	17S	34E	13	21			N 32° 50' 19.21"	W 103° 30' 49.99"	26-Oct-59	4,030	70
L 03007 APPRO				Shallow	17S	34E	13	21			N 32° 50' 19.21"	W 103° 30' 49.99"	26-Oct-59	4,030	70
L 03011	3	OSCAR BOURG DRILLING INC.	PRO	Shallow	17S	34E	02	44			N 32° 51' 24.38"	W 103° 31' 33.41"	09-Nov-59	4,052	80
L 03011 APPRO				Shallow	17S	34E	02	44			N 32° 51' 24.38"	W 103° 31' 33.41"	09-Nov-59	4,052	80
L 03019 (1)	0	SP YATES DRILLING CO.	PRO		17S	34E	11	11			N 32° 51' 11.01"	W 103° 32' 21.94"		4,060	
L 03019 (2)	0	YATES DRILLING COMPANY	PRO		17S	34E	11	11			N 32° 51' 11.01"	W 103° 32' 21.94"		4,060	
L 03241	3	DENVER DRILLING CO.	PRO	Shallow	17S	34E	10	44			N 32° 50' 31.78"	W 103° 32' 37.45"	12-Jul-56	4,061	52
L 03241 APPRO				Shallow	17S	34E	10	44			N 32° 50' 31.78"	W 103° 32' 37.45"	12-Jul-56	4,061	52
L 03846 X	1,200	MOBIL OIL CORPORATION	PRO	Shallow	17S	34E	11	33			N 32° 50' 31.78"	W 103° 32' 21.94"		4,047	
L 03846 X2				Shallow	17S	34E	11	33			N 32° 50' 31.78"	W 103° 32' 21.94"		4,047	
L 03846 X3				Shallow	17S	34E	14	44			N 32° 49' 39.77"	W 103° 31' 34.37"		4,029	
L 03846 X4				Shallow	17S	34E	14	41			N 32° 49' 52.71"	W 103° 31' 50.87"		4,039	
L 03846 X5				Shallow	17S	34E	14	14			N 32° 49' 52.71"	W 103° 32' 6.37"		4,049	
L 05806	0	MARCUM DRILLING CO.	PRO	Shallow	17S	34E	11	22			N 32° 51' 11.01"	W 103° 31' 33.99"	03-Nov-69	4,054	103
L 05806 (S) EXP	0	GULF OIL CORPORATION	PRO		17S	34E	11	22			N 32° 51' 11.01"	W 103° 31' 33.99"		4,054	
L 05806 (E) 2	0	GULF OIL CORPORATION	PRO		17S	34E	11	22			N 32° 51' 11.01"	W 103° 31' 33.99"		4,054	
L 06074	0	LIC. LOWE DRILLING CO.	PRO	Shallow	17S	34E	03	22			N 32° 52' 3.78"	W 103° 32' 7.49"	19-Nov-66	4,070	93
L 06134	0	MARCUM DRILLING COMPANY	PRO	Shallow	17S	34E	09	42			N 32° 51' 37.07"	W 103° 32' 37.59"	01-May-67	4,068	99
L 06240	0	A. W. INC. THOMPSON	PRO	Shallow	17S	34E	13	43			N 32° 49' 39.94"	W 103° 30' 49.02"	08-Dec-67	4,023	
L 06253	0	MARCUM DRILLING COMPANY	PRO	Shallow	17S	34E	14	22			N 32° 50' 18.96"	W 103° 31' 33.99"	06-Mar-68	4,037	81
L 06254	0	NOBLE DRILLING CORP.	PRO	Shallow	17S	34E	13	14			N 32° 49' 39.77"	W 103° 31' 34.37"	04-Jan-68	4,030	75
L 06704 EXP	0	GAGTUS DRILLING CORPORATION	PRO	Shallow	17S	34E	12	41			N 32° 50' 45.41"	W 103° 30' 43.99"	26-Feb-70	4,032	86
L 06771 (S)	0	MORAN OIL PRODUCTION DRILLING CORP.	PRO	Shallow	17S	34E	10	34			N 32° 50' 31.54"	W 103° 33' 19.46"	10-Apr-72	4,064	101
L 06922 (E)	0	MARCUM DRILLING COMPANY	PRO	Shallow	17S	34E	14	22			N 32° 50' 18.96"	W 103° 31' 33.99"	21-Dec-72	4,037	80
L 07093 (E)	3	INC. EIDSON RANCH	STK	Shallow	17S	34E	15	4			N 32° 49' 39.34"	W 103° 32' 52.88"	08-Apr-88	4,060	60
USGS #1					17S	34E	10	22					18-Dec-90		99.62
USGS #2					17S	34E	11	24					19-Feb-76		88.7
USGS #3					17S	34E	14	11					18-Dec-90		106.95
USGS #4					17S	34E	14	14					23-Jan-81		111.18
USGS #5					17S	34E	02	13					14-Feb-96		99.15
USGS #6					17S	34E	02	34					18-Dec-90		92.45
USGS #7					17S	34E	04	43					27-Mar-86		104.66
USGS #8					17S	34E	15	4					02-Apr-86		113.69

* = Data obtained from the New Mexico Office of the State Engineer Website (http://ivwaters.ose.state.nm.us:7001/WATERS/wr_RegisServlet/) and USGS Database.

^A = in acre feet per annum

^B = Interpolated from USGS Topographical Map

IND = Industrial

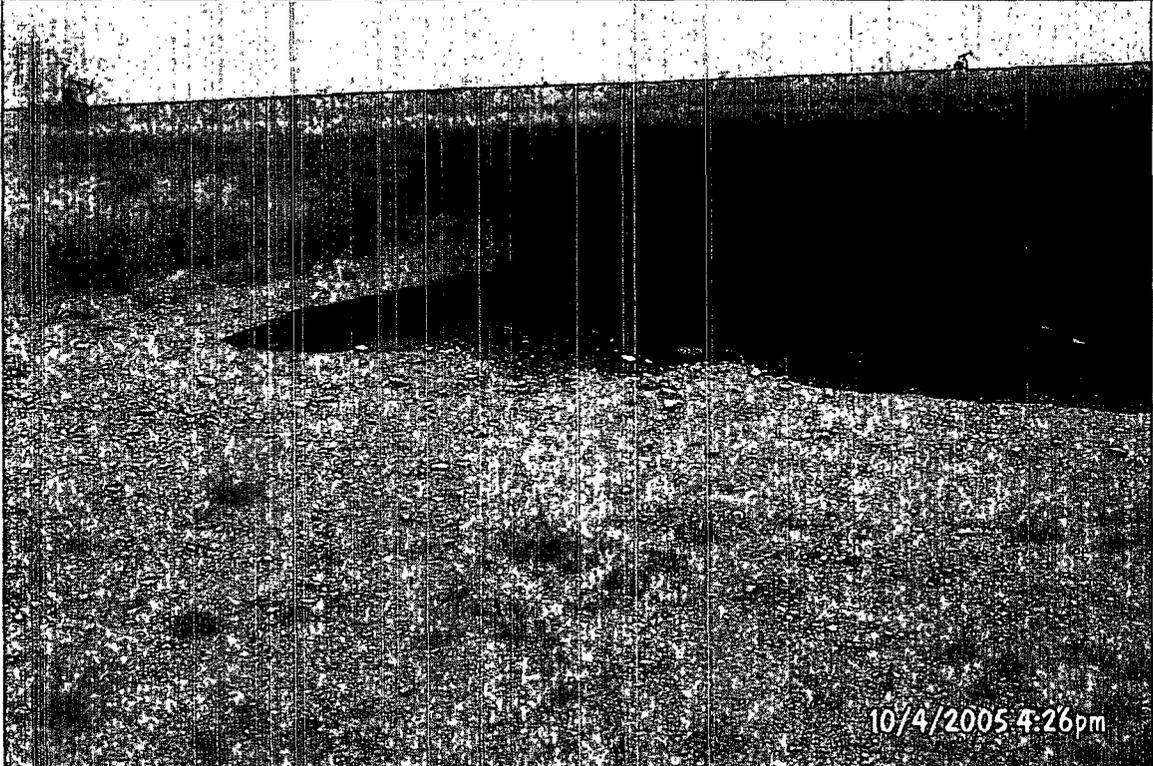
STK = Livestock Watering

CLW = Change Location of Well (Ground)

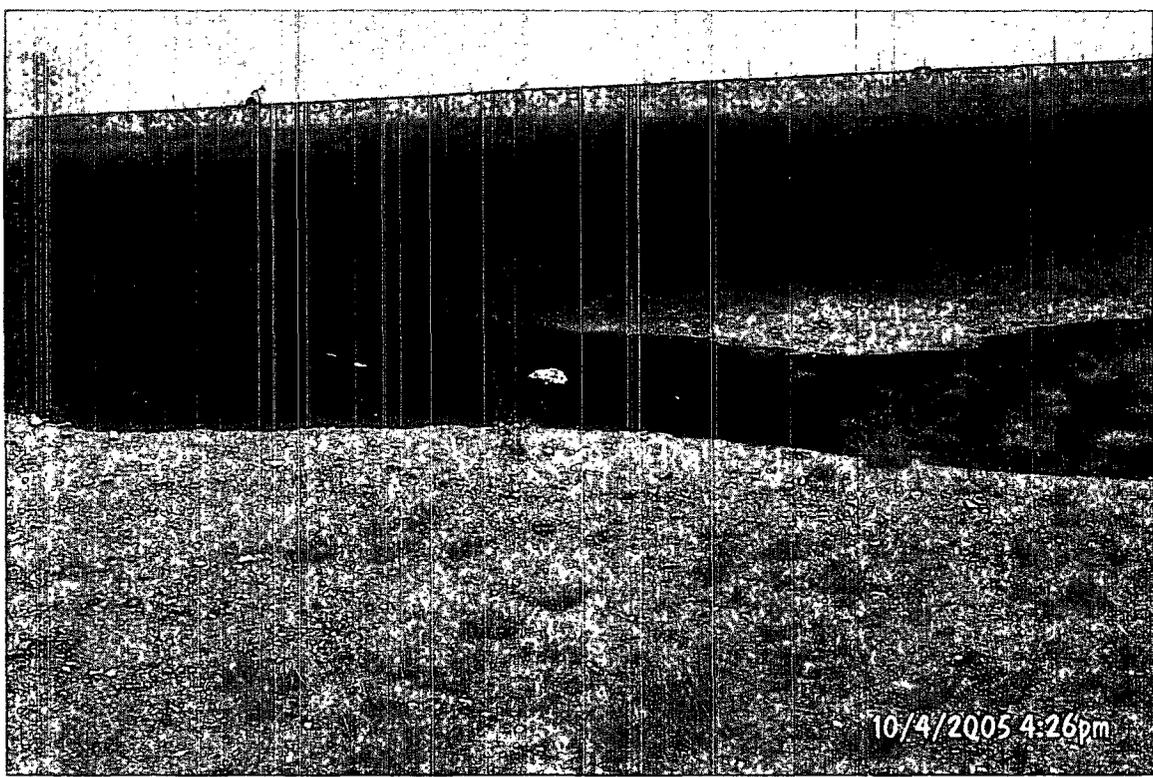
EXP = Expired

PRO = Production

(quarters are 1-NW, 2-NE, 3-SW, 4-SE)
(quarters are biggest to smallest - X-Y are in Feet - UTM are in Meters)



Photograph #1: Release area, looking northerly. Dark colored soil indicates contamination.



Photograph #2: Release area, looking northerly. Dark colored soil indicates contamination.