DATE RECEIVED ?

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	Contact
Centurion Pipeline, L.P.	**Darrel Lester**
Address	Telephone No.
2200 East County Road 90 Midland, Texas 79706	**432.686.1479 (Darrel_Lester@Oxy.com)**
Facility Name	Facility Type
Mobil State "ZZ" Tank Battery 255001	**Crude Oil Storage Tank**

Surface Owner: ~~State of New Mexico~~	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County:
F	7	T17S	R35E					*Lea*

Latitude: 32° 51' 04.21"N **Longitude:** 103° 29' 55.22"W

WTR 75

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Crude Oil	**Estimated at 4 barrels**	**0 barrels**
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Crude Oil Storage Tank	**6/15/2005**	**6/15/2005**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? **Larry Johnson**	
By Whom? **NA**	Date and Hour **NA**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. **NA**	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*
***Crude Oil Storage Tank* : A check valve in the Centurion pipeline failed and caused the crude oil storage tank to overflow. The system was shut-in, the check valve replaced and the system placed back in service.**

Describe Area Affected and Cleanup Action Taken.*
Approximately 185 cubic yards of impacted soil was excavated from within the spill area perimeter, (i.e., down to 2-feet below ground surface) and blended to less than 5,000 mg/Kg TPH with approximately 500 cubic yards of ambient soil. The blended soil was used to backfill the excavation and build a retention berm around the tanks. The excavation was Remedial Goals: TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 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 groundwater, 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
Printed Name: Darrel Lester (e-mail: Darrel_Lester@Oxy.com)	Approved by District Supervisor:
Title: HES/RegulatoryCompliance Lead	Approval Date: / Expiration Date:
Date: 7/31/2006 Phone: 432.686.1479 ()	Conditions of Approval: / Attached ☐

* Attach Additional Sheets If Necessary

- ORIGINAL (OPERATOR) SIGNATURE REQUIRED
- RANKING INCORRECT
- REPORTED RELEASE VOLUME INCORRECT
- BERM MATERIAL MUST MEET RANKING
- WHERE ANALYTICALS ? NEED ALL SAMPLE 7.17.07 <Johnson

DENIED
RP # 1495
fPAC0720138876
7/20/07

7/31/2006

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

Re: Centurion Pipeline, L.P. Initial C-141 and Delineation Proposal
Mobil State "ZZ" Tank Battery, (ref.# 255001)
UL-F (SE¼ of the NW¼) of Section 7, T17S, R35E WTR ≈ 70-75'
Latitude 32° 51' 04.21"N and Longitude 103° 29' 55.22"W
Landowner: State of New Mexico
Driving Directions: From the intersection of NMSR 238 and Lea County Road 50 in Buckeye, New Mexico, go north on 238 for 3.0 miles then right on caliche road for 0.4 miles, then left 0.1 miles, then right 0.2 miles, then left 0.3 miles to the work location.

Dear Mr. Johnson:

Environmental Plus, Inc. (EPI), on behalf of Centurion Pipeline, L.P. (Centurion), submits the attached New Mexico Oil Conservation Division (NMOCD) initial form C-141 and Delineation Proposal for the above referenced leak site located on land owned by the State of New Mexico, located approximately 3.3-miles north of Buckeye, New Mexico (reference *Figure 1*).

NMOCD SITE RANKING

On July 19, 2006, the groundwater level in an unused 6-inch diameter steel cased well bore located approximately 35-feet west of the leak origin was measured to be approximately 76.5-feet below ground surface (bgs) and is consistent with area groundwater information provided by the New Mexico Office of the State Engineer (reference *Figure 2* and *Table 1*). There are no other water wells or surface water bodies located within a 1,000-foot radius of the site. These characteristics give a NMOCD site ranking score of 30-points with the following remedial goals for the constituents of concern (CoCs), (i.e., total petroleum hydrocarbon EPA method 8015m (TPH), benzene, and BTEX, i.e., the mass sum of benzene, toluene, ethylbenzene, and total xylenes):

- TPH = 100 ppm
- Benzene = 10 ppm
- BTEX = 50 ppm

NOT CORRECT -

(Chloride may be present at the location, but is not considered a Centurion source term parameter.)

ENVIRONMENTAL PLUS, INC.

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)**" (Guidelines).

BACKGROUND

Mobil Oil developed and began producing the State ZZ lease in 1981. The crude oil pipeline delivery system associated with the lease and owned by Exxon Pipeline was purchased by Centurion Pipeline, L.P. on February 1, 2004. It was also observed that historical releases of crude oil had impacted the location during the lengthy period of operation prior to the transfer of ownership. On June 15, 2005, approximately 4 barrels (estimated) of crude oil overflowed the storage tank at the Mobil State "ZZ" tank battery due to the failure of the Centurion crude oil pipeline check valve located down stream of the tank. The spill impacted approximately 5,100 square feet (ft^2) as it flowed south approximately 165-feet with a maximum width of approximately 50-feet. Centurion subsequently contracted with the Environmental Services Division of B&H Maintenance and Construction (B&H), located in Odessa, Texas, to remediate the spill. According to the summary provided in the **Centurion Pipeline, L.P., Spill Closure Report, LMEP #308-05-012, Mobil State ZZ Battery Spill, Lea County, New Mexico**, prepared by B&H, approximately 185 cubic yards (yd^3) of impacted soil were excavated and blended with 500 yd^3 of ambient soil. Soil samples collected from the blended soil were tested in an independent laboratory to be less than 5,000 ppm total petroleum hydrocarbon (TPH). The blended soil was used to backfill the resulting 2-foot deep excavation and to construct a berm around the tank battery.

DELINEATION PROPOSAL

To close the release in accordance with the NMOCD Guidelines, (i.e., determine adequacy of remediation and vertical extent of impact), Centurion proposes to collect soil samples at 2-foot vertical intervals, beginning at the surface, from 4 strategic locations, (i.e., SB1, SB2, SB3 and SB4) from inside the spill area perimeter (reference *Figure 3* and *Figure 4*). The initial effort will be accomplished with a rubber tired backhoe capable of excavating down to approximately 13-feet bgs. If impact extends beyond this interval, soil borings will be advanced and sampled. Laboratory samples will be jarred and placed on ice immediately following collection into a clean plastic bag with the remainder allowed to equilibrate to between 70° F and 80° F and analyzed for organic vapors using a calibrated photoionization detector (PID) equipped with a 9.8 eV lamp. Sample collection will cease at each sample location when PID readings of two successive samples are less than 10 ppm. Moreover, to determine acceptability of the blended soil used to construct the retention berm around the battery, discrete soil samples will be collected from 8 to 12-inches beneath the contoured surface of the north, south, east and west side berms. Centurion also proposes to collect a sample from the unused water

well bore adjacent to the site to determine groundwater quality. Prior to collecting the groundwater sample with a clean disposable bailer, at least 3-well bore volumes of water will be purged from the well and the water level allowed to stabilize. The information collected during the investigation will be summarized in a report along with a recommendation to either close the site as is or propose a remediation strategy. This proposal will be implemented immediately upon NMOCD approval.

If there are any questions please call Mr. Cody Miller or myself at the office or at 505.631.8447 and 505.390.7864, respectively or Mr. Bill Von Drehle at 713.215.7379. All official communication should be addressed to:

Mr. Bill Von Drehle
Centurion Pipeline, L.P.
Director, HES/REG/Compliance
5 Greenway Plaza, Suite 110
Houston, Texas 77046
Email - Bill_VonDrehle@Oxy.com

Sincerely,

Pat McCasland
EPI Senior Consultant

cc: Bill Von Drehle, Centurion Pipeline, L.P.
Darrel Lester, Centurion Pipeline, L.P. (Darrel_Lester@Oxy.com)
Becky Moore, Centurion Pipeline, L.P. (Rebecca_Moore@Oxy.com)
file

Enclosures:

Figure 1 Area Map
Figure 2 Site Location Map
Figure 3 Site Map
Figure 4 Proposed Soil Boring Location Map
Table 1 Water Well Information Report
Site Information and Metrics Form
C-141

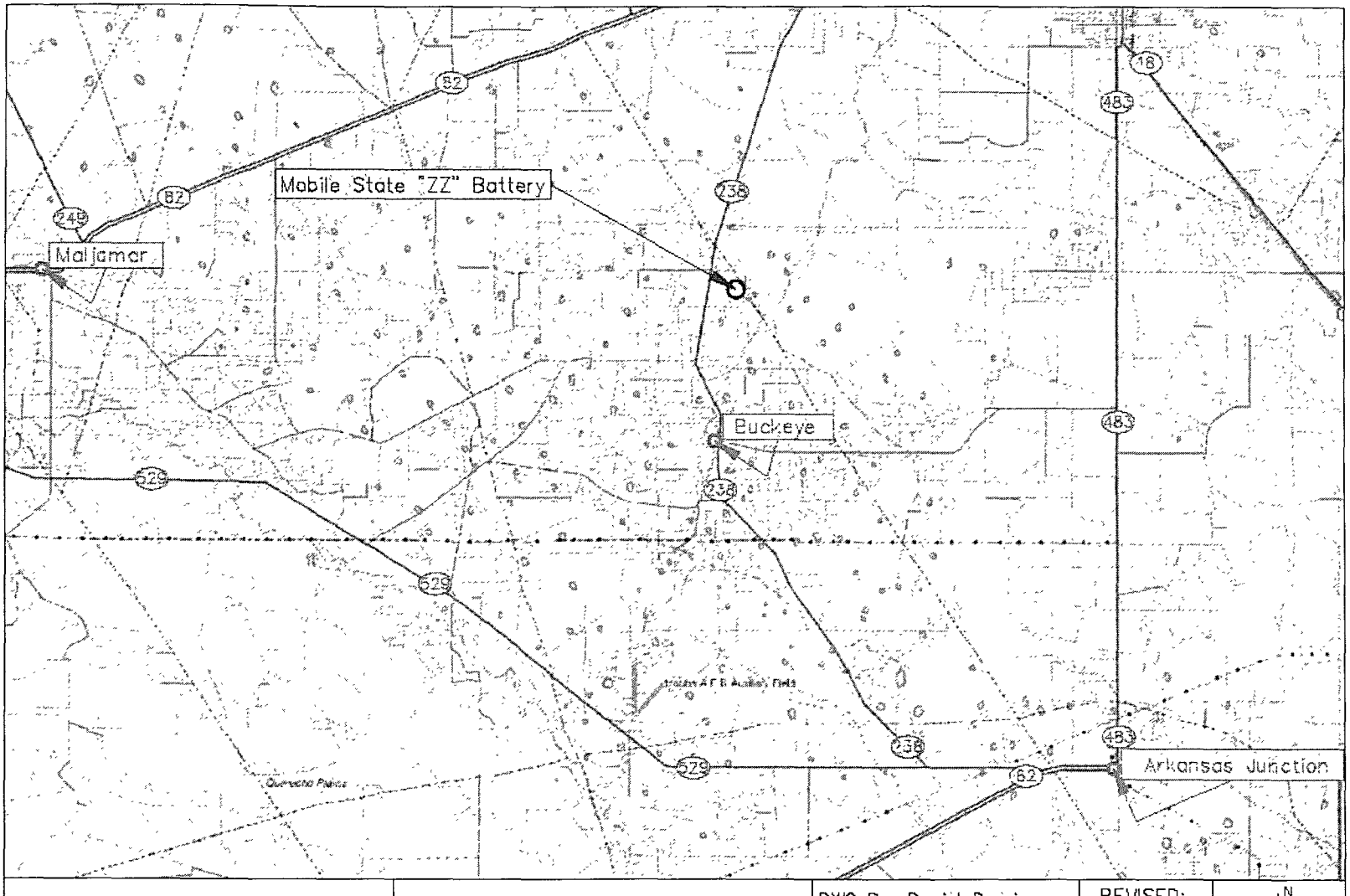

Figure 1
Area Map
Centurion Pipeline, L.P.
Mobile State ZZ Tank Battery

Lea County, New Mexico
SE 1/4 of the NW 1/4, Sec. 7, T17S, R35E
N 32° 51' 04.21" W 103° 29' 55.22"
Elevation: 4,007 feet amsl

DWG By: Daniel Dominguez
August 2006

REVISED:

0 3 6
Miles

SHEET
1 of 1

N

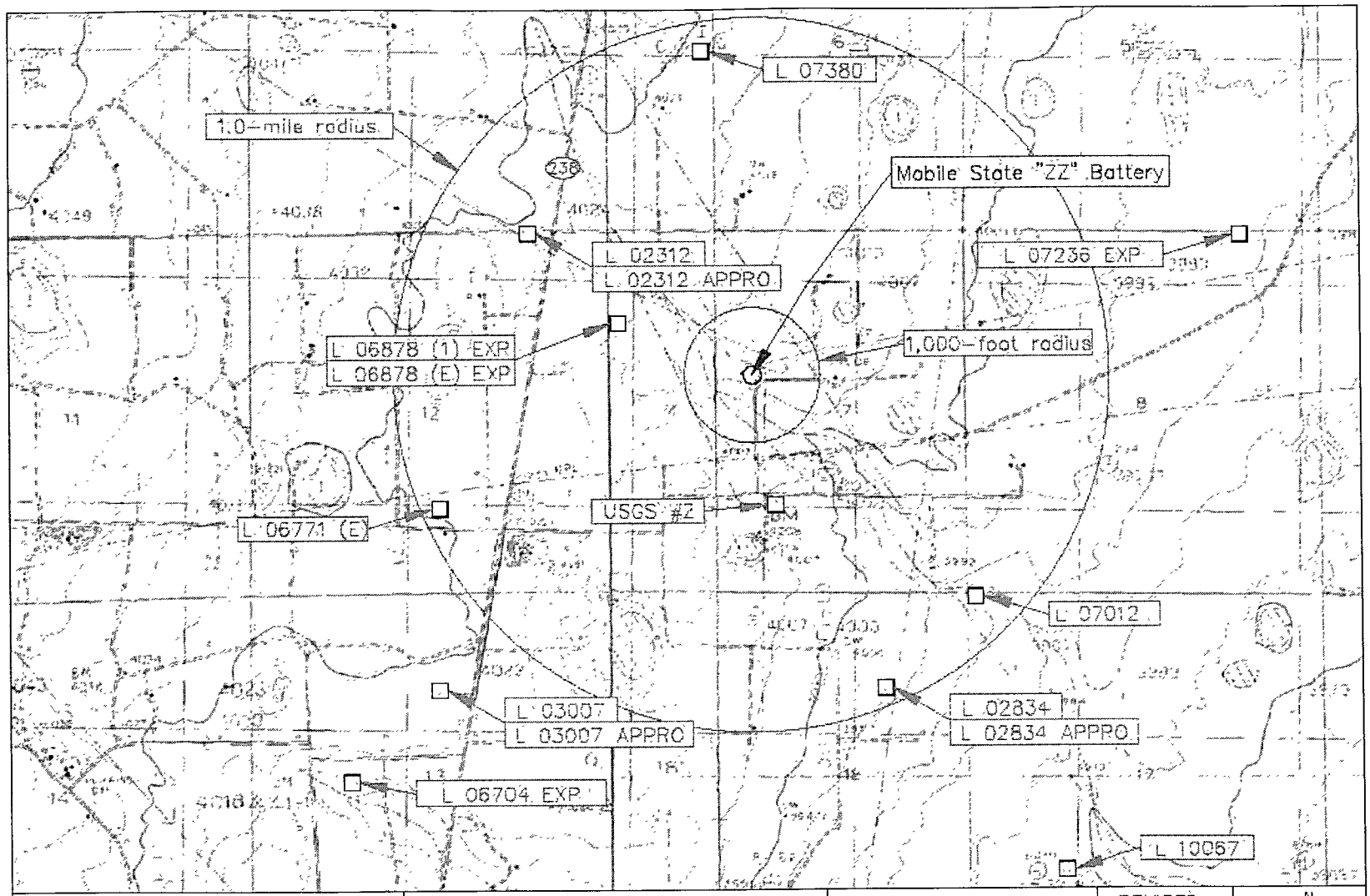

Figure 2 Site Location Map Centurion Pipeline, L.P. Mobile State ZZ Tank Battery	Lea County, New Mexico SE 1/4 of the NW 1/4, Sec. 7, T17S, R35E N 32° 51' 04.21" W 103° 29' 55.22" Elevation: 4,007 feet amsl	DWG By: Daniel Dominguez August 2006 REVISED: 0 2,000 4,000 Feet SHEET 1 of 1	N

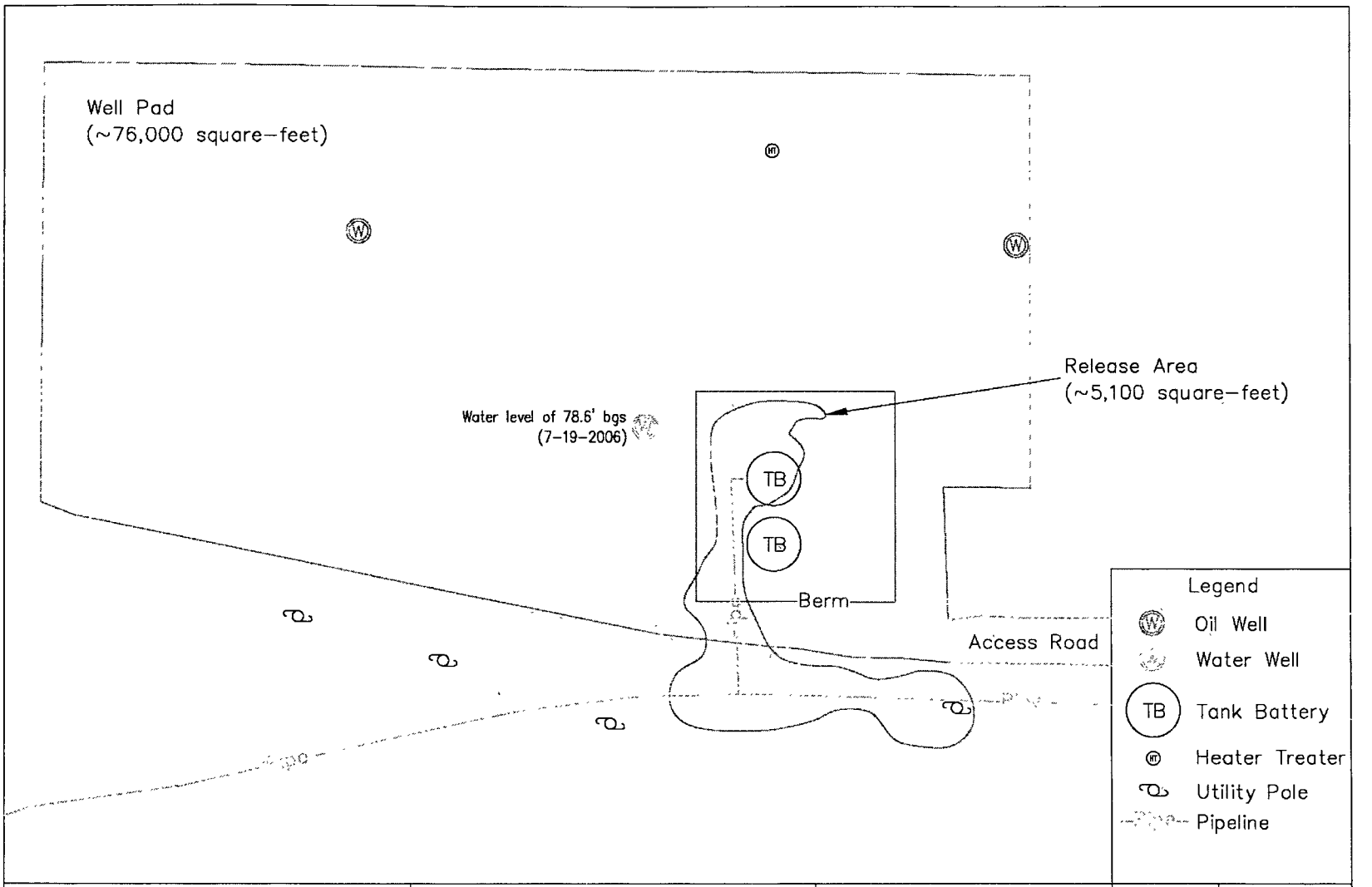

Figure 3 Site Map Centurion Pipeline, L.P. Mobile State ZZ Tank Battery	Lea County, New Mexico SE 1/4 of the NW 1/4, Sec. 7, T17S, R35E N 32° 51' 04.21" W 103° 29' 55.22" Elevation: 4,007 feet amsl	DWG By: Daniel Dominguez July 2006 0 50 100 Feet	REVISED: SHEET 1 of 1	N

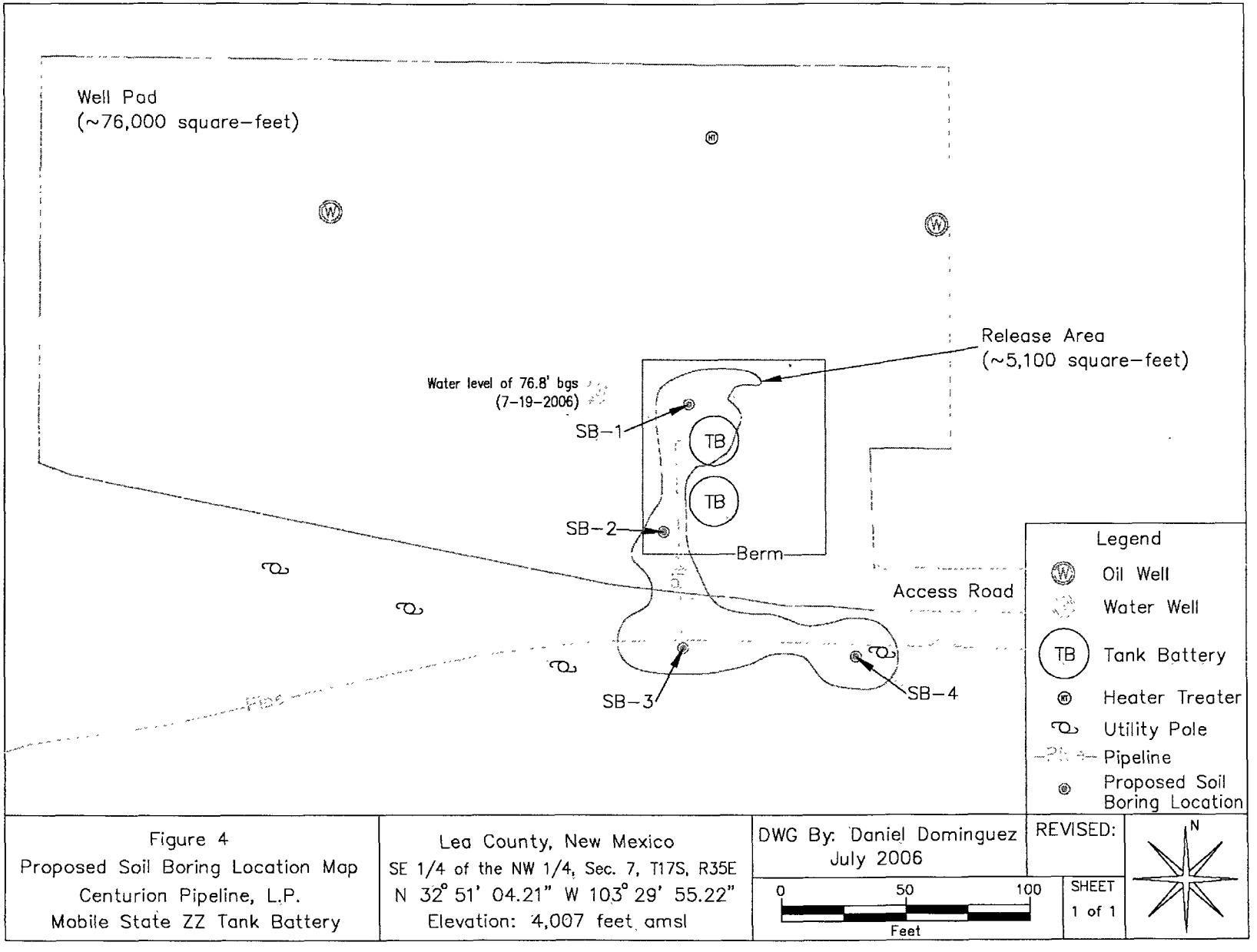

Figure 4 Proposed Soil Boring Location Map Centurion Pipeline, L.P. Mobile State ZZ Tank Battery	Lea County, New Mexico SE 1/4 of the NW 1/4, Sec. 7, T17S, R35E N 32° 51' 04.21" W 103° 29' 55.22" Elevation: 4,007 feet amsl	DWG By: Daniel Dominguez July 2006	REVISED:	SHEET 1 of 1

TABLE 1

WELL INFORMATION REPORT*

Centurion Pipeline, L.P. - Mobile State "ZZ" Tank Battery (Ref #255001)

Well Number	Diversion[A]	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation[B]	Depth to Water (ft bgs)
L 06878 (1) EXP	0	MOBIL TX&NM PROD	PRO	17S	35E	07 1 1	N 32° 51' 11 83"	W 103° 30' 18 14"	27-Nov-71	4,016	60
L 06878 (E) EXP	0	CACTUS DRILLING CORPORATION	PRO	17S	35E	07 1 1	N 32° 51' 11 83"	W 103° 30' 18 14"		4,016	
L 07236 EXP	0	J D OLIVER	DOM	17S	35E	05 4 4 3	N 32° 51' 24 23"	W 103° 28' 30 97"		3,996	
L 07380	0	MCVAY DRILLING CO	PRO	17S	35E	06 3 4 3	N 32° 51' 51 02"	W 103° 30' 3 67"	10-May-75	4,023	80
L 07012	0	PATTERSON DRILLING	PRO	17S	35E	08 3 3 2	N 32° 50' 32 37"	W 103° 29' 17 17"		3,994	
L 10067	3	MOBIL PRODUCING TX & NM	PRO	17S	35E	17 3 2 1	N 32° 49' 53 07"	W 103° 29' 1 62"	23-Mar-89	3,980	55
L 02834	3	S P YATES DRILLING CO	PRO	17S	35E	18 2 2	N 32° 50' 19 32"	W 103° 29' 32 62"	27-Mar-55	3,996	40
L 02834 APPRO				17S	35E	18 2 2	N 32° 50' 19 32"	W 103° 29' 32 62"	27-Mar-55	3,996	40
L 02312	3	WARREN & BRADSHAW, ATTENTION	PRO	17S	34E	01 4 4	N 32° 51' 24 81"	W 103° 30' 33 59"	05-Aug-53	4,028	71
L 02312 APPRO				17S	34E	01 4 4	N 32° 51' 24 81"	W 103° 30' 33 59"	05-Aug-53	4,028	71
L 06771 (E)	0	CACTUS DRILLING CORPORATION	PRO	17S	34E	12 4 1 1	N 32° 50' 45 41"	W 103° 30' 49"	28-Feb-71	4,024	86
L 03007	3	DONNELY DRILLING CO	PRO	17S	34E	13 2 1	N 32° 50' 19 21"	W 103° 30' 49"	26-Oct-55	4,024	70
L 03007 APPRO				17S	34E	13 2 1	N 32° 50' 19 21"	W 103° 30' 49"	26-Oct-55	4,024	70
L 06704 EXP	0	NOBLE DRILLING CORP	PRO	17S	34E	13 1 4 4	N 32° 50' 6 04"	W 103° 31' 4 44"		4,015	
USGS #2				17S	35E	7 3 4 2			09-Feb-96		78 4
USGS #1				17S	34E	13 4 3 3			20-Feb-76		82 2
L 06357	207 8	REPUBLIC FACTORS INC OF MIDLAND	COM	17S	35E	06 1 1 1	N 32° 52' 4 18"	W 103° 30' 18 2"		4,031	
L 06240	0	A W INC THOMPSON	PRO	17S	34E	13 4 3	N 32° 49' 39 94"	W 103° 30' 49 02"		4,016	

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

[A] = in acre feet per annum

[B] = Interpolated from USGS Topographical Map

PRO = Prospecting or development of a natural resource

DOM = 72-12-1 Domestic one household

COM = Commercial

(quarters are 1=NW, 2=NE, 3=SW, 4=SE)

(quarters are biggest to smallest - X Y are in Feet - UTM are in Meters)

Shaded well information indicates well location not shown on Figure 2

Centurion Pipeline, L.P.	Site Information and Metrics	Incident Date: 6/15/2005	NMOCD Notified: NA

SITE: Mobil State "ZZ" Tank Battery	Assigned Site Reference #: 255001
Company: Centurion Pipeline, L.P.	
Street Address: 2200 East County Road 90	
Mailing Address: 2200 East County Road 90	
City, State, Zip: Midland, Texas 79706	
Representative: Darrel Lester	
Representative Telephone: 432.686.1479 (Darrel_Lester@Oxy.com)	
Telephone:	
Fluid volume released (bbls): Estimated at 4 barrels	Recovered (bbls): 0 bbls
>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: Mobil State "ZZ" Tank Battery	
Source of contamination: Crude Oil Storage Tank	
Land Owner, i.e., BLM, ST, Fee, Other: State of New Mexico	
LSP Dimensions ~100-feet E/W and ~170-feet N/S	
LSP Area: approximately 5,100 ft^2	
Location of Reference Point (RP)	
Location distance and direction from RP	
Latitude: 32° 51' 04.21"N	
Longitude: 103° 29' 55.22"W	
Elevation above mean sea level: 4,007'amsl	
Feet from South Section Line	
Feet from West Section Line	
Location- Unit or ¼¼: SE¼ of the NW¼	Unit Letter: F
Location- Section: 7	
Location- Township: T17S	
Location- Range: R35E	
Surface water body within 1000 ' radius of site: none	
Domestic water wells within 1000' radius of site: none	
Domestic water wells within 1000' radius of site:	
Agricultural water wells within 1000' radius of site: An unused water well bore (7-19-06 water level = 76.5-feet bgs) is located approximately 35-feet northwest of the leak site	
Agricultural water wells within 1000' radius of site:	
Public water supply wells within 1000' radius of site: ~~none~~ 20	
Depth from land surface to groundwater (DG) ~76.5'bgs	
Depth of contamination (DC) – ?	
Depth to groundwater (DG – DC = DtGW) -	

1. Groundwater	2. Wellhead Protection Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: *20 points*	If <1000' from water source, or;<200' from private domestic water source: *20 points*	<200 horizontal feet: *20 points*
If Depth to GW 50 to 99 feet: *10 points*		200-100 horizontal feet: *10 points*
If Depth to GW >100 feet: *0 points*	If >1000' from water source, or; >200' from private domestic water source: *0 points*	>1000 horizontal feet: *0 points*
Groundwater Score = 10	*Wellhead Protection Area Score= 20*	*Surface Water Score= 0*
Site Rank (1+2+3) = 30		

Total Site Ranking Score and Acceptable Concentrations

Parameter	>19 Points	10-19 Points	0-9 Points
Benzene[1]	10 ppm	10 ppm	10 ppm
BTEX[1]	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm

[1]100 ppm field VOC headspace measurement may be substituted for lab analysis