

Closure Report

Site Description

Site Name:	FNR 26 Federal #1 CTB
Company:	Oxy Permian Ltd.
Legal Description:	U/L M, Section 26, T23S, R30E
County:	Eddy County, NM
GPS Coordinates:	N 32.26969° W 103.85422°

Release Data

Date of Release:	10/03/2016
Type of Release:	Produced water
Source of Release:	Compromised 3" poly water transfer line
Volume of Release:	10 bbls
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Excavate the entire leak area to a depth of 1 foot. Backfill the site with clean soil.	
Remediation Activities:	March 2017	
Plan Sent to OCD:	11/21/2016	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	11/29/2016	Email from Mike Bratcher to Cliff Brunson
Plan Sent to SLO:	11/21/2016	Email from Cliff Brunson to Shelly Tucker
SLO Approval of Plan:	11/21/2016	Email from Shelly Tucker to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 10/17/2016
Final C-141	Upon Completion
Site Diagram	October 2016
Groundwater Plot	350' Trend map
TOPO Maps	October 2016
Lab Summary	10/24/2016
Lab Analysis	10/24/2016
Correspondence	Request and approval of remediation plan via email

Request for Closure

Based on the completion of the remediation plan as agreed upon, Oxy Permian requests closure approval from NMOCD.

Casey Summers, NM Environmental Advisor

05/23/2016

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	PO Box 4294, Houston, TX 77210	Telephone No.	(575) 513-8289
Facility Name	FNR 26 Federal #1 CTB	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-30412

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	26	23S	30E					Eddy County, NM

Latitude N 32.26969° Longitude W 103.85422°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	10 bbls	Volume Recovered	0 bbls
Source of Release	Compromised 3" poly water transfer line	Date and Hour of Occurrence	10/03/2016	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher and Heather Patterson-NMOCD, Shelly Tucker-BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	10/03/2016 @ 4:34 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A compromised 3" poly water transfer line spilled 10 bbls of produced water off location. No fluids were recovered and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 25' x 25' approximately 700 feet east of location. Remediation will be completed according to a remediation plan approved by both the BLM and NMOCD.

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:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Casey Summers	Approved by Environmental Specialist:		
Title: NM Environmental Advisor	Approval Date:	Expiration Date:	
E-mail Address: casey_summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 10-17-16	Phone: (575) 513-8289		

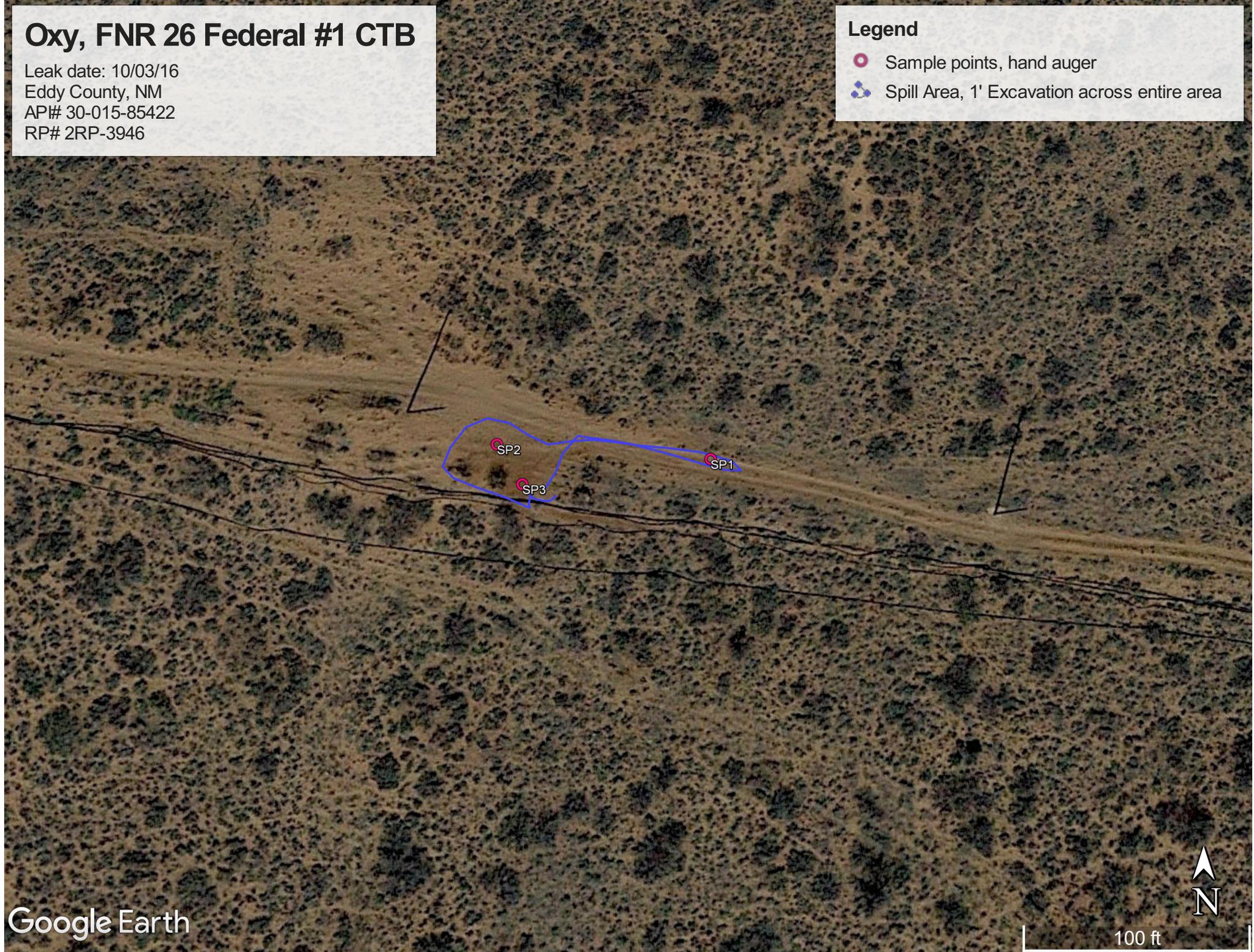
* Attach Additional Sheets If Necessary

Oxy, FNR 26 Federal #1 CTB

Leak date: 10/03/16
Eddy County, NM
API# 30-015-85422
RP# 2RP-3946

Legend

- Sample points, hand auger
- ⬢ Spill Area, 1' Excavation across entire area



Oxy, FNR 26 Federal #1 CTB

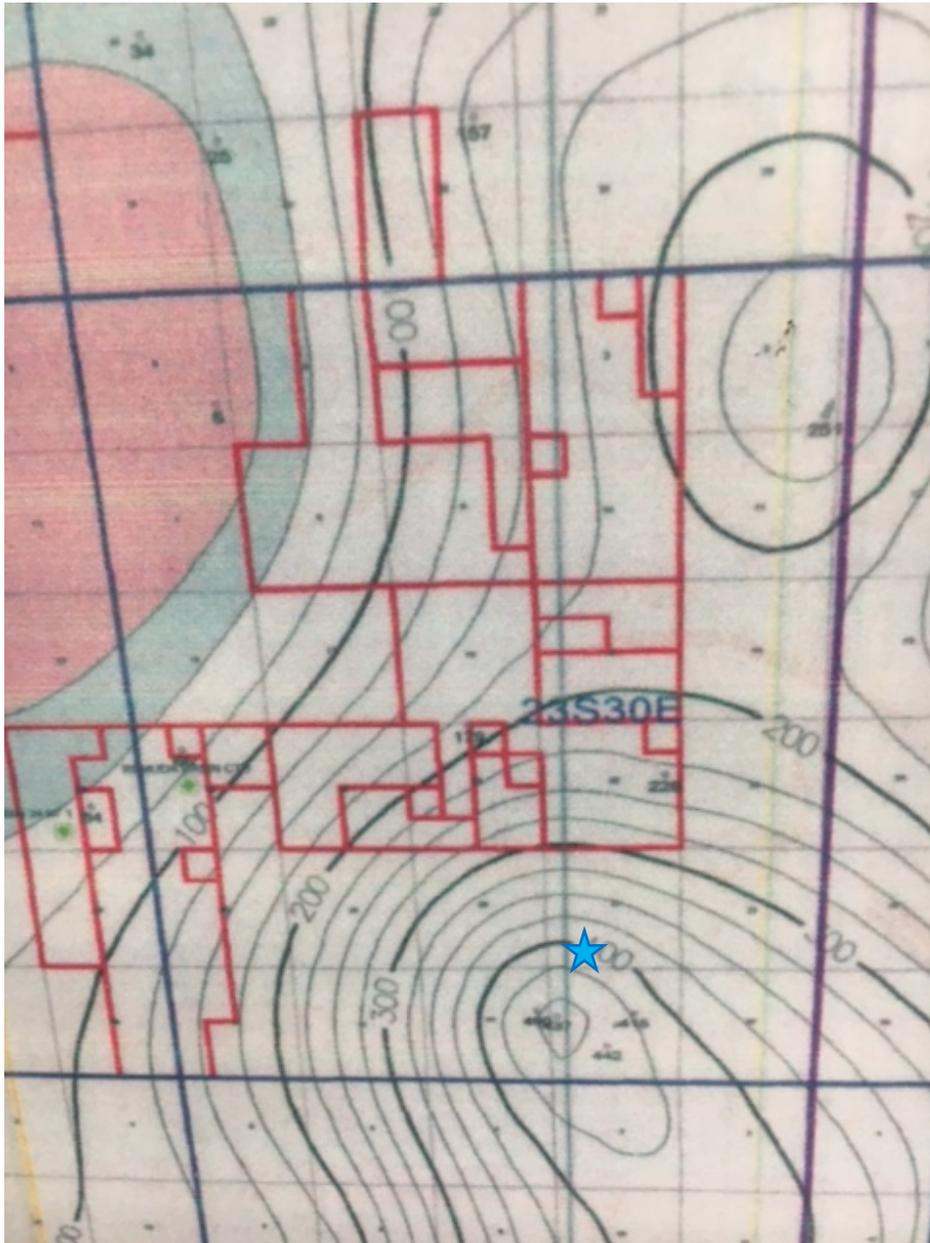
Sample points, hand auger

SP1, N 32.26974 W-103.85398

SP2, N 32.26975 W-103.85431

SP3, N 32.26970 W-103.85427

Oxy, FNR 26 Federal #1 CTB
U/L M, Section 26, T23S, R30E
Groundwater: 400'





New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 607545

Northing (Y): 3570986

Radius: 1700

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/24/17 8:53 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Public Land Survey System (PLSS)

Q64: Q16: SW Q4: SW Sec: 26 Tws: 23S Rng: 30E

State Plane Coordinate System - NAD27

X: ft Y: ft Zone:

State Plane Coordinate System - NAD83

X: ft Y: ft Zone:

Degrees/Minutes/Seconds

Longitude (X): Degrees: ° Minutes: ' Seconds: "

Latitude (Y): Degrees: ° Minutes: ' Seconds: "

UTM - NAD27

Easting (X): mtrs Northing (Y): mtrs Zone:

SUBMIT

All Conversion Results are displayed as **NAD 1983 UTM Zone 13**

Easting (X): **607545.0** mtrs Northing (Y): **3570986.0** mtrs

~~ Please keep screen open to copy UTM values for Reports. ~~



Groundwater Plot

Oxy FNR 26 Federal #1 CTB

County
Eddy

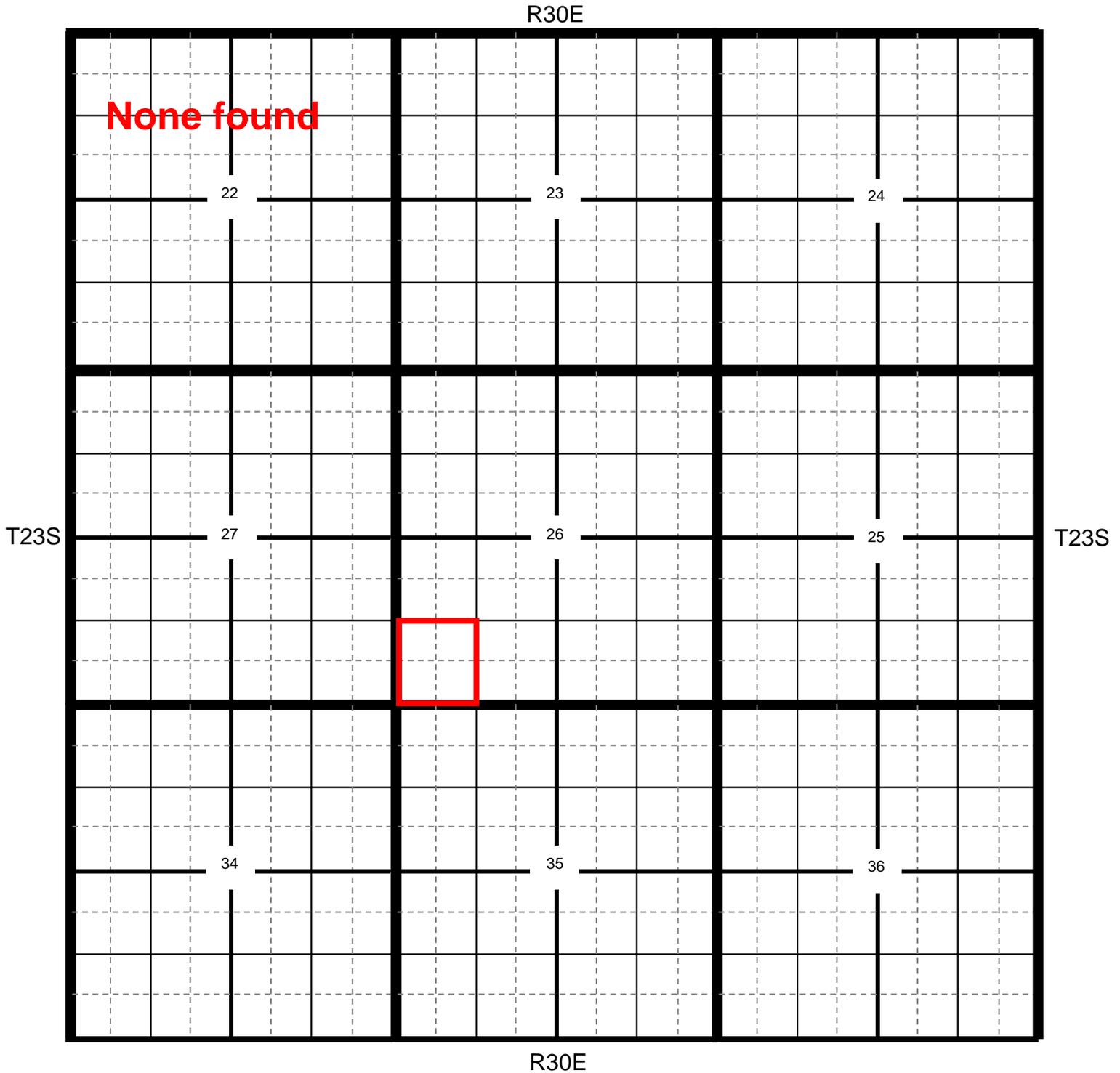
Unit Letter
M

Section
26

Township
23S

Range
30E

Trend Map 350'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Oxy FNR Federal #1 CTB

County Eddy Unit Letter M Section 26 Township 23S Range 30E

Trend Map 350'

1

2

NW/NW None found	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

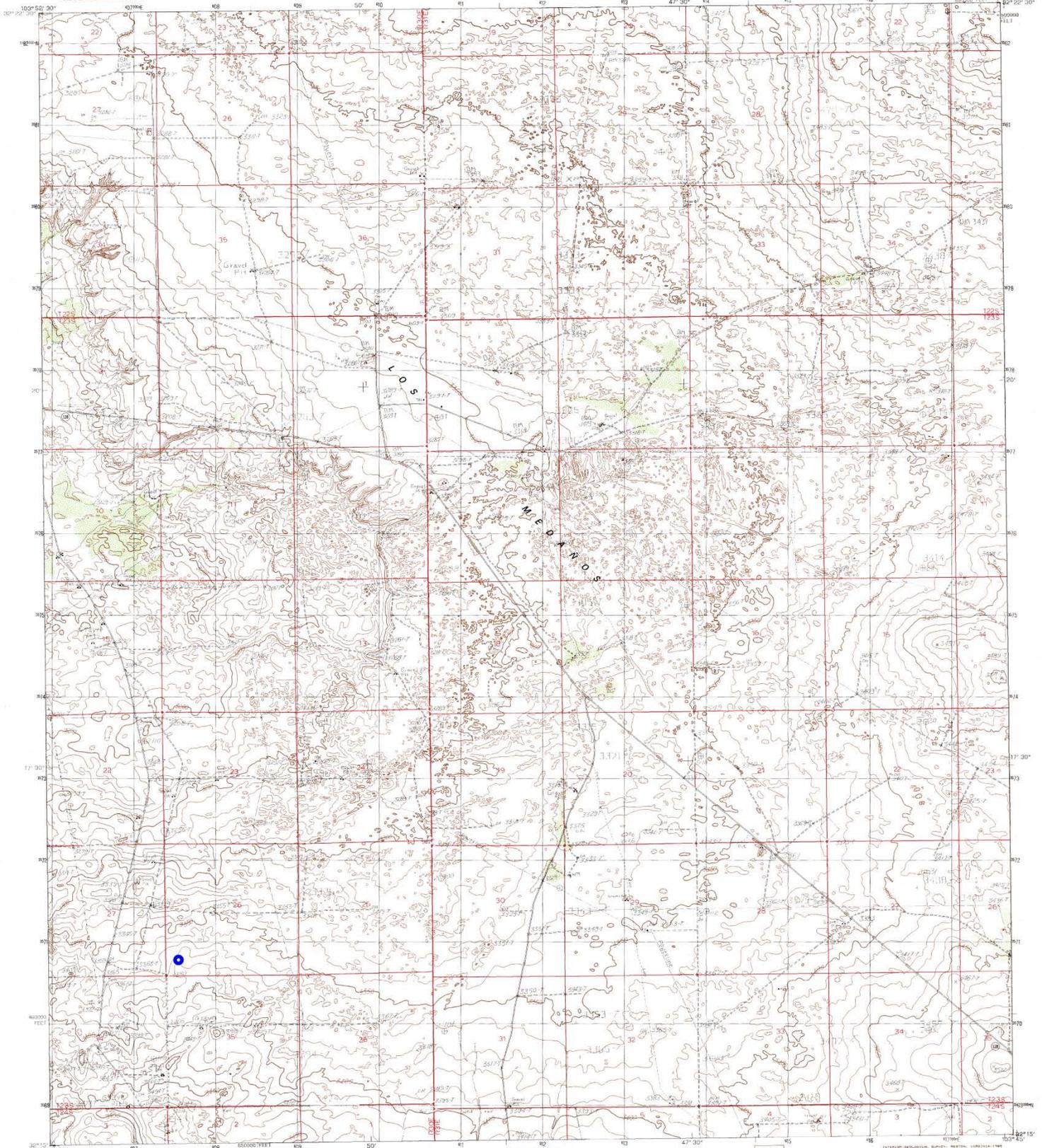
4

Oxy

FNR 26 Federal #1 CTB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOS MEDAÑOS QUADRANGLE
NEW MEXICO-EDDY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000



ROAD LEGEND

Improved Road
Unimproved Road
Trail
Interstate Route
U.S. Route
State Route

QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

LOS MEDAÑOS, NEW MEXICO
PROVISIONAL EDITION 1985

ADJOINING 7.5 QUADRANGLE NAMES

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROLS BY TRANSVERSE MERCATOR
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1977
FIELD CHECKED BY MAP REVISION 1985
PROJECTION TRANSVERSE MERCATOR
GRID BONDAGES UNIVERSAL TRANSVERSE MERCATOR ZONE 12
DANBROOK STATE GRID TICS NEW MEXICO EAST
THE MAGNETIC NORTH DECLINATION 4° 50' EAST
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1955
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
To place on the projected North American Datum of 1983,
move the projection lines as shown by dashed corner ticks
(9 meters north and 45 meters east).
There may be private inholdings within the boundaries of any
Federal and State Reservations shown on this map.
All marginal data and lettering generated and positioned by
automated type placement procedures.

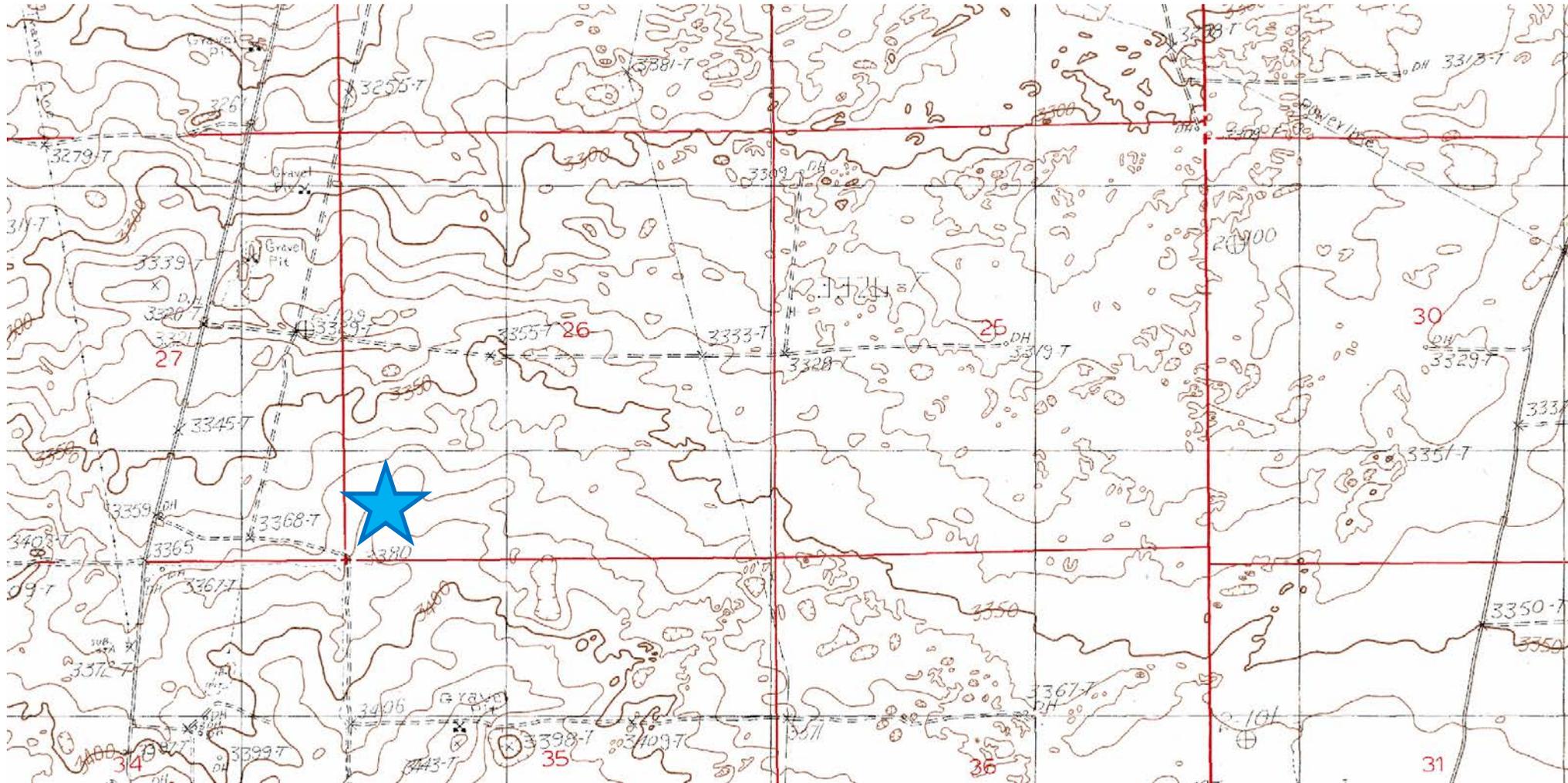
PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check. 3

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 20192

32183C73T-024

Oxy

FNR 26 Federal #1 CTB



**Laboratory Analytical Results Summary
FNR 26 Federal #1 CTB**

		Sample	SP1 @ SURFACE	SP1 @ 1'
Analyte	Method	Date	10/24/16	10/24/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.081	<0.050
Ethylbenzene	BTEX 8021B		0.084	<0.050
Total Xylenes	BTEX 8021B		0.209	<0.150
Total BTEX	BTEX 8021B		0.375	<0.300
Chloride	SM4500Cl-B		464	96
GRO	TPH 8015M		<100	<50.0
DRO	TPH 8015M		7040	804

		Sample	SP2 @ SURFACE	SP2 @ 1'
Analyte	Method	Date	10/24/16	10/24/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.071	<0.050
Ethylbenzene	BTEX 8021B		0.066	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		432	112
GRO	TPH 8015M		<100	<50.0
DRO	TPH 8015M		7790	1210

		Sample	SP3 @ SURFACE	SP3 @ 1'
Analyte	Method	Date	10/24/16	10/24/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.07	<0.050
Ethylbenzene	BTEX 8021B		0.062	0.078
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		1180	64
GRO	TPH 8015M		<50.0	<50.0
DRO	TPH 8015M		3960	3490



November 02, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: FNR 26 FED #1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/27/16 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/27/2016	Sampling Date:	10/24/2016
Reported:	11/02/2016	Sampling Type:	Soil
Project Name:	FNR 26 FED #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ SURFACE (H602418-01)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2016	ND	2.38	119	2.00	0.619	
Toluene*	0.081	0.050	11/01/2016	ND	2.43	122	2.00	0.0870	
Ethylbenzene*	0.084	0.050	11/01/2016	ND	2.35	118	2.00	0.173	
Total Xylenes*	0.209	0.150	11/01/2016	ND	7.09	118	6.00	0.343	
Total BTEX	0.375	0.300	11/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/01/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	10/29/2016	ND	176	88.0	200	1.06		
DRO >C10-C28	7040	100	10/29/2016	ND	186	92.8	200	11.9		

Surrogate: 1-Chlorooctane 90.5 % 35-147
Surrogate: 1-Chlorooctadecane 292 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/27/2016	Sampling Date:	10/24/2016
Reported:	11/02/2016	Sampling Type:	Soil
Project Name:	FNR 26 FED #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 1' (H602418-02)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2016	ND	2.38	119	2.00	0.619	
Toluene*	<0.050	0.050	11/01/2016	ND	2.43	122	2.00	0.0870	
Ethylbenzene*	<0.050	0.050	11/01/2016	ND	2.35	118	2.00	0.173	
Total Xylenes*	<0.150	0.150	11/01/2016	ND	7.09	118	6.00	0.343	
Total BTEX	<0.300	0.300	11/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/01/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	10/29/2016	ND	176	88.0	200	1.06	
DRO >C10-C28	804	50.0	10/29/2016	ND	186	92.8	200	11.9	

Surrogate: 1-Chlorooctane 84.2 % 35-147
Surrogate: 1-Chlorooctadecane 121 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

 Received: 10/27/2016
 Reported: 11/02/2016
 Project Name: FNR 26 FED #1 CTB
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 10/24/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ SURFACE (H602418-03)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2016	ND	2.38	119	2.00	0.619	
Toluene*	0.071	0.050	11/01/2016	ND	2.43	122	2.00	0.0870	
Ethylbenzene*	0.066	0.050	11/01/2016	ND	2.35	118	2.00	0.173	
Total Xylenes*	<0.150	0.150	11/01/2016	ND	7.09	118	6.00	0.343	
Total BTEX	<0.300	0.300	11/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	11/01/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	10/29/2016	ND	176	88.0	200	1.06		
DRO >C10-C28	7790	100	10/29/2016	ND	186	92.8	200	11.9		

Surrogate: 1-Chlorooctane 95.2 % 35-147

Surrogate: 1-Chlorooctadecane 352 % 28-171

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Received:	10/27/2016	Sampling Date:	10/24/2016
Reported:	11/02/2016	Sampling Type:	Soil
Project Name:	FNR 26 FED #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 1' (H602418-04)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2016	ND	2.38	119	2.00	0.619		
Toluene*	<0.050	0.050	11/01/2016	ND	2.43	122	2.00	0.0870		
Ethylbenzene*	<0.050	0.050	11/01/2016	ND	2.35	118	2.00	0.173		
Total Xylenes*	<0.150	0.150	11/01/2016	ND	7.09	118	6.00	0.343		
Total BTEX	<0.300	0.300	11/01/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/01/2016	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<50.0	50.0	10/29/2016	ND	176	88.0	200	1.06			
DRO >C10-C28	1210	50.0	10/29/2016	ND	186	92.8	200	11.9			

Surrogate: 1-Chlorooctane 99.2 % 35-147
Surrogate: 1-Chlorooctadecane 174 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

 Received: 10/27/2016
 Reported: 11/02/2016
 Project Name: FNR 26 FED #1 CTB
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 10/24/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ SURFACE (H602418-05)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2016	ND	2.38	119	2.00	0.619	
Toluene*	0.070	0.050	11/01/2016	ND	2.43	122	2.00	0.0870	
Ethylbenzene*	0.062	0.050	11/01/2016	ND	2.35	118	2.00	0.173	
Total Xylenes*	<0.150	0.150	11/01/2016	ND	7.09	118	6.00	0.343	
Total BTEX	<0.300	0.300	11/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	11/01/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	10/29/2016	ND	176	88.0	200	1.06		
DRO >C10-C28	3960	50.0	10/29/2016	ND	186	92.8	200	11.9		

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 183 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/27/2016	Sampling Date:	10/24/2016
Reported:	11/02/2016	Sampling Type:	Soil
Project Name:	FNR 26 FED #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 1' (H602418-06)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2016	ND	2.38	119	2.00	0.619	
Toluene*	<0.050	0.050	11/01/2016	ND	2.43	122	2.00	0.0870	
Ethylbenzene*	0.078	0.050	11/01/2016	ND	2.35	118	2.00	0.173	
Total Xylenes*	<0.150	0.150	11/01/2016	ND	7.09	118	6.00	0.343	
Total BTEX	<0.300	0.300	11/01/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/01/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	10/29/2016	ND	176	88.0	200	1.06		
DRO >C10-C28	3490	50.0	10/29/2016	ND	186	92.8	200	11.9		

Surrogate: 1-Chlorooctane 95.4 % 35-147
Surrogate: 1-Chlorooctadecane 203 % 28-171

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report





ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

191

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #: Company: **ODY**

Address: P.O. Box 805 State: NM zip: 88241 Attn: **ODY**

City: Hobbs State: NM zip: 88241 Address:

Phone #: 575-397-6388 Fax #: 575-397-0397 City:

Project #: Project Owner: **ODY** State: Zip:

Project Name: **FNR 26 FED # 1 CTB** Phone #:

Project Location: **SEF O PUELAS** Fax #:

Sampler Name: **SEF O PUELAS**

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	CV
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H002418	SPI0 SURFACE								10-24-16	847				
	SP 1 @ 1'								10-24-16	900				
	SP 2 @ SURFACE								10-24-16	933				
	SP 3 @ 1'								10-24-16	955				
	SP 3 @ SURFACE								10-24-16	1130				
	SP 3 @ 1'								10-24-16	1225				

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Relinquished By: *[Signature]* Date: 10-27-16 Received By: *[Signature]* Date: 10-27-16

Time: 8:00 Time: 8:00

Relinquished By: *[Signature]* Date: 10-27-16 Received By: *[Signature]* Date: 10-27-16

Time: 4:00 Time: 4:00

Delivered By: (Circle One) **UPS** 3.92

Sample Condition Cool Intact Yes No Yes No Checked By: *[Signature]*

REMARKS: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

From: Bratcher, Mike, EMNRD
To: [Cliff Brunson](#)
Cc: [Patterson, Heather, EMNRD](#); [Casey Summers](#); jennifer_duarte@oxy.com; [Ken Swinney](#); [Jennifer Gilkey](#); [Kathy Purvis](#); [Weaver, Crystal, EMNRD](#); [Tucker, Shelly](#)
Subject: RE: OXY FNR 26 Federal #1 CTB - Remediation Plan
Date: Tuesday, November 29, 2016 9:57:57 AM

RE: OXY USA * FNR 26 Fed 1 CTB * **2RP-3946** * DOR: 10/3/16

Cliff,

Your proposal for remediation of the above referenced release is approved. Please advise once remedial activities have been scheduled. Federal sites require BLM approval.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Monday, November 21, 2016 8:24 AM
To: Bratcher, Mike, EMNRD
Cc: [Patterson, Heather, EMNRD](#); [Casey Summers](#); jennifer_duarte@oxy.com; [Ken Swinney](#); [Jennifer Gilkey](#); [Kathy Purvis](#)
Subject: OXY FNR 26 Federal #1 CTB - Remediation Plan

Mike,

This e-mail is to confirm our discussion concerning the remediation plan for the OXY FNR 26 Federal #1 CTB release. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply via e-mail with your concurrence on this plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com



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From: Tucker, Shelly
To: [Cliff Brunson](#)
Cc: [Casey Summers](#); jennifer_duarte@oxy.com; [Ken Swinney](#); [Jennifer Gilkey](#); [Kathy Purvis](#)
Subject: Re: OXY FNR 26 Federal #1 CTB - Remediation Plan
Date: Monday, November 21, 2016 3:45:22 PM

BLM approves your work plan as written.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist
O&G Spill/Release Coordinator

Bureau of Land Management
620 E. Greene St
Carlsbad, NM 88220

575.234.5905 - Direct
575.361.0084 - Cellular
575.234.6235 - Emergency Spill Number

stucker@blm.gov

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Mon, Nov 21, 2016 at 8:23 AM, Cliff Brunson <cbrunson@bbcinternational.com> wrote:

Shelly,

I have attached a remediation plan for the OXY FNR 26 Federal #1 CTB release. This plan has been approved by Mike Bratcher of the NMOCD. Oxy is requesting the BLM's approval of this plan as well. Upon your review of the materials, it would be appreciated if you would

respond via email with the BLM's approval.

If you have any questions, please let me know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS

President

BBC International, Inc.

World-Wide Environmental Specialists

Mailing Address:

P. O. Box 805

Hobbs, NM 88241-0805 USA

Shipping Address:

1324 W. Marland St.

Hobbs, NM 88240 USA

Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com



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LEA LAND, LLC
OIL FIELD WASTE LANDFILL
 1300 W. MAIN STREET
 OKLAHOMA CITY, OK 73106

43
 EM
 4-24

INVOICE # 23877

PHONE: 405-236-4257
 FAX: 405-236-4261

Date: 3/30/2017
PO/SO Number: SCM-AES-23015
 BPA# 21000001122
 WO: OP56774257
 Project: 1127874
 Task: : 01040502
[NM SOUTH]
Charge to: FNR 26-1
 Req: Frank Barnett

Bill To:
 VERONICA BREWER
 OCCIDENTAL PERMIAN
 1502 W. COMMERCE DRIVE
 CARLSBAD, NM 88220

COPY

Date(s) of Service: 3/9/2017

Manifest #: 117560

Ship Via: BDS

Qty	U/M	Description	Unit Price	Total
38.77	Tons	Non-regulated & non-hazardous waste (soil) Pay Key: CC: Landfill located at Carlsbad, NM	\$20.00	\$775.40

TERMS: NET 30

Subtotal	\$775.40
Sales tax rate	5.500%
Sales tax	\$42.65
Total	\$818.05

Make all checks payable to LEA LAND, LLC

If you have any questions concerning this invoice, please contact:
Saralyn Hall at 405-519-1187 E-mail: shall119@cox.net

Thank you for your business!

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

BDS

NON-HAZARDOUS WASTE MANIFEST

NO **117560**

1. PAGE ___ OF ___

2. TRAILER NO. **34**

G	3. COMPANY NAME OXY USA	4. ADDRESS 1017 W. Stanolind Rd.	5. PICK-UP DATE 3/9/2017		
	PHONE NO. (575) 441-7189	CITY STATE ZIP Hobbs NM 88240	6. TNRCC I.D. NO.		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No.	9. TOTAL QUANTITY	10. UNIT Wt/Vol.
	a Non-Regulated, Non Hazardous Waste		1	CM	
	b.				
	c.				
R	d. 39,420 38,120				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: FNR 28-1 To 77,540			13. WASTE PROFILE NO. 708594	
A	14. IN CASE OF EMERGENCY OR SPILL, CONTACT				
	NAME KIN SLAUGHTER	PHONE NO. 575-887-4048	24-HOUR EMERGENCY NO.		
O	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC				
	PRINTED/TYPED NAME	SIGNATURE	DATE		
T	16. TRANSPORTER (1)		17. TRANSPORTER (2)		
	NAME: BDS ENTERPRISES, LLC		NAME:		
	TEXAS I.D. NO.		TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: BRIAN STEVENS (575) 302-8498		IN CASE OF EMERGENCY CONTACT:		
R	EMERGENCY PHONE:		EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED/TYPED NAME Jose Chavez	DATE 3/9/2017	SIGNATURE _____ DATE _____		
D	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS		
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
L	AUTHORIZED SIGNATURE <i>Santos Gonzalez</i>		CELL NO.	DATE 3/9/2017	TIME 12:30

