

REVIEWED

By OCD District 1 at 2:16 pm, Jul 27, 2015

Closure Report**APPROVED**

By OCD District 1 at 2:17 pm, Jul 27, 2015

Ensure BLM approval/concurrence.

Site Description

Site Name:	Red Tank 28 Federal #3 SWD Battery
Company:	Oxy Permian Ltd.
Legal Description:	U/L B, Section 28, T22S, R32E
County:	Lea County, NM
GPS Coordinates:	N 32.36860° W 103.67844°

Release Data

Date of Release:	07/03/2014
Type of Release:	Oil, produced water, and rain water
Source of Release:	Skimmer tank overflowed
Volume of Release:	50 bbls
Volume Recovered:	40 bbls

Remediation Specifications

Remediation Parameters:	Remove the contaminated soil inside the firewall. Excavate to a depth of 6 inches to 1 foot in the areas of SP1, SP2, and SP3. Backfill the site with clean soil.	
Remediation Activities:	05/14/2015 to 06/12/2015	
Plan Sent to OCD:	01/14/2015	Email from Cliff Brunson to Tomes Oberding
OCD Approval of Plan:	01/14/2015	Email from Tomas Oberding to Cliff Brunson
Plan Sent to BLM:	02/23/2015	Email from Cliff Brunson to Sol Hughes
BLM Approval of Plan:	02/24/2015	Email from Sol Hughes to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 07/16/2014
Final C-141	Signed 07/13/2015
Site Diagram	July 2014
Groundwater Plot	350'
TOPO Maps	July 2014
Lab Summary	10/21/2014
Lab Analysis	10/21/2014
Correspondence	Request and approval of remediation plan via email

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

07/22/2015

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

☒ Initial Report ☐ Final Report

Name of Company	Oxy USA Inc.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Red Tank 28 Federal #3 SWD Battery	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
		API No. 30-025-31754(nearest well)	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	28	22S	32E					

Latitude N 32.36860° Longitude W 103.67844°

NATURE OF RELEASE

Type of Release	Oil, Produced Water, and rain water	Volume of Release	50 bbls	Volume Recovered	40 bbls
Source of Release	Skimmer tank overflowed	Date and Hour of Occurrence	07/03/2014	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Tomas Oberding- NMOCD, Sol Hughes- BLM		
By Whom?	Jennifer Gilkey, BBC International	Date and Hour	07/11/2014 @ 3:08 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 skimmer tank overflowed and spilled 50 bbls of oil, produced water, and rain water onto the ground. A vacuum truck was able to recover 40 bbls of fluid.

Describe Area Affected and Cleanup Action Taken.*

The affected area was approximately 30' x 200' on location. Remediation will be completed in accordance with a plan approved by both the NMOCD and the BLM.

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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Chancey Summers

Title: HES Advisor

E-mail Address: Chancey_Summers@oxy.com

Date: 7-16-14 Phone: (575) 397-8216

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

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

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

Form C-141
Revised August 8, 2011

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	Chancey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(432) 685-5824
Facility Name	Red Tank 28 Federal #3 SWD Battery	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
		API No.	30-025-31754

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	28	22S	32E					Lea County, NM

Latitude N 32.36860° Longitude W 103.67844°

NATURE OF RELEASE

Type of Release	Oil, produced water, and rain water	Volume of Release	50 bbls	Volume Recovered	40 bbls
Source of Release	Skimmer tank overflowed	Date and Hour of Occurrence	07/03/2014	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Tomas Oberding- NMOCD; Sol Hughes-BLM		
By Whom?	Jennifer Gilkey, BBC International	Date and Hour	07/11/2014 @ 3:08 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 skimmer tank overflowed and spilled 50 bbls of oil, produced water, and rain water onto the ground. A vacuum truck was able to recover 40 bbls of fluid.

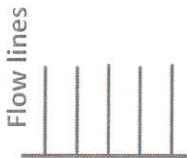
Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 30' x 200' on location. Remediation was completed in accordance with the remediation plan approved by Tomas Oberding of NMOCD via email on 01/14/2015 and approved by Sol Hughes of the BLM via email on 02/24/2015.

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.

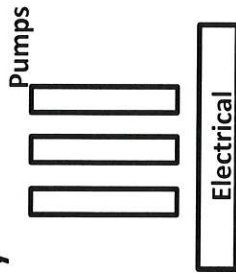
Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Lead	Approval Date:	Expiration Date:	
E-mail Address: Chancey_Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 7-13-15	Phone: (432) 685-5824		

* Attach Additional Sheets If Necessary



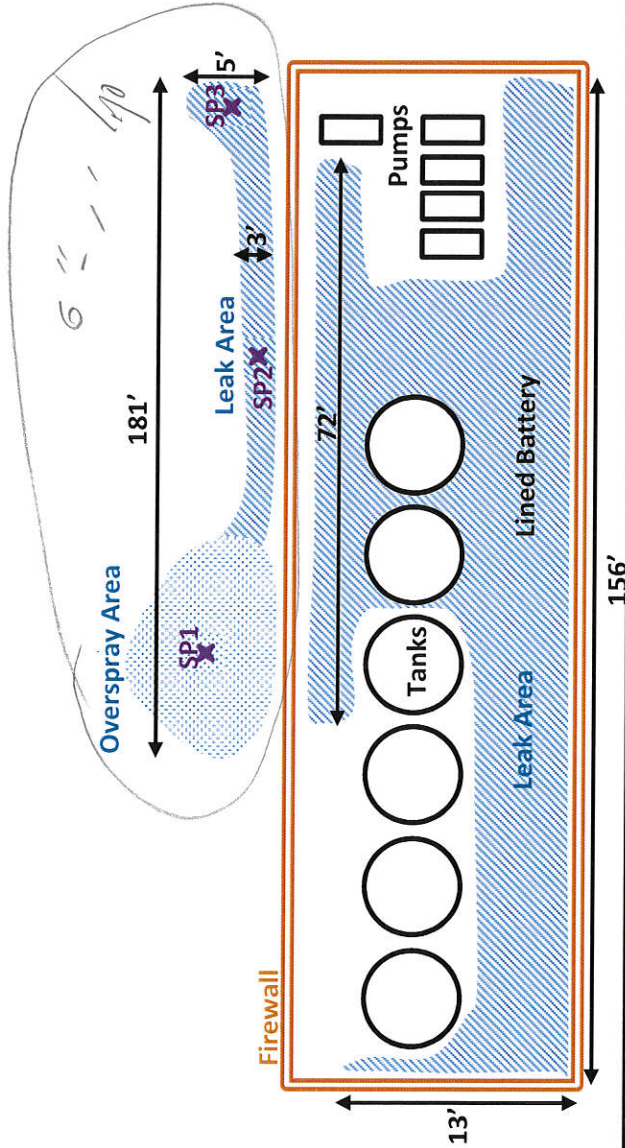
Oxy

Red Tank 28 Federal #3 SWD Battery



Flow line

Location



U/L B, Section 28, T22S, R32E
Lea County, NM
N 32.36860° W 103.67844°

BBC International, Inc.

Oxy

Red Tank 28 Federal #3 Battery

Date: 07/18/2014 DRWG by: K. Purvis

NOT TO SCALE File: Oxy 2014



Groundwater Plot

Oxy Red Tank 28 Federal #3 SWD Battery

County
Lea

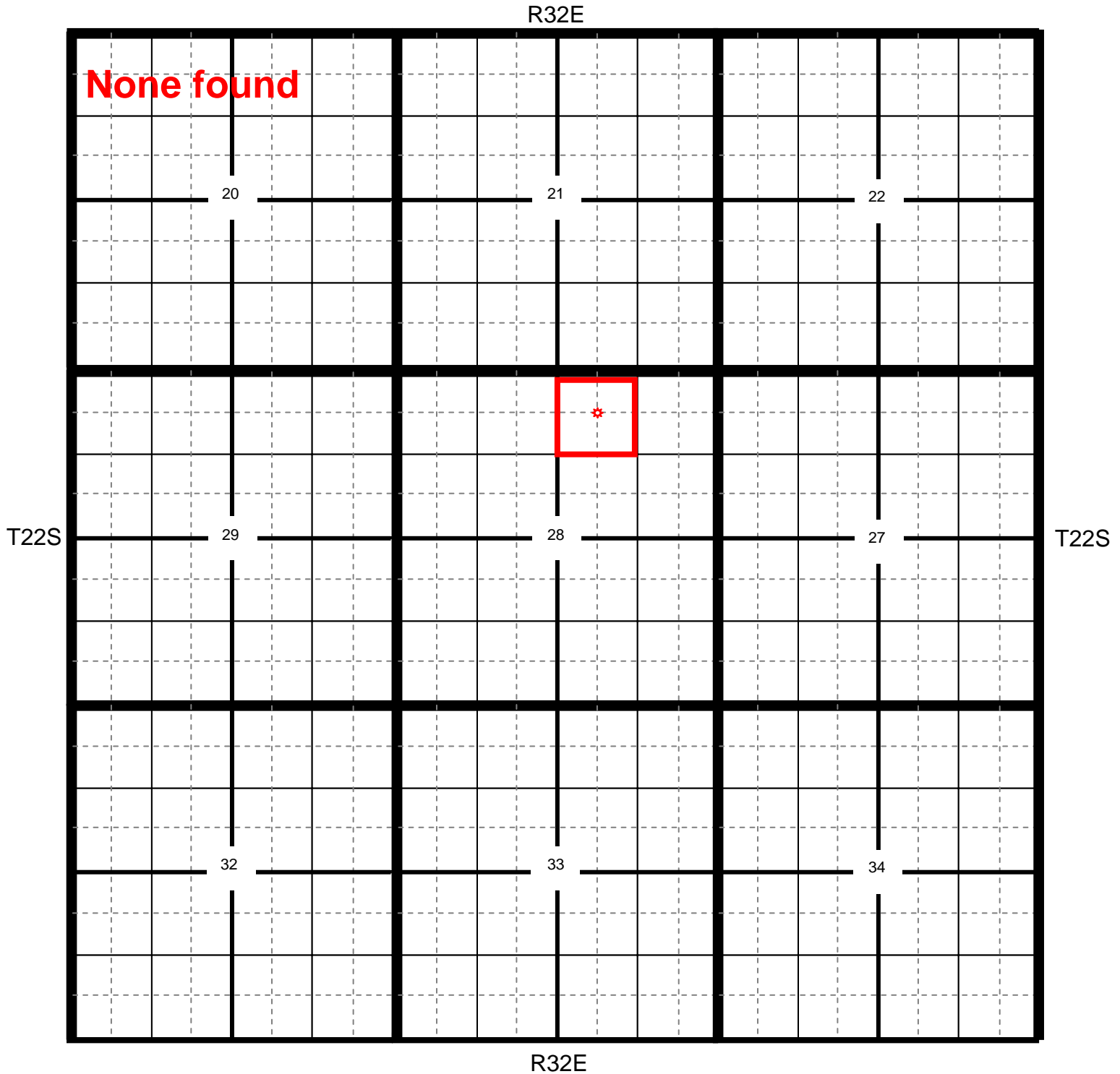
Unit Letter
B

Section
28

Township
22S

Range
32E

Trend Map 350'



📍 Location

● OCD

● USGS

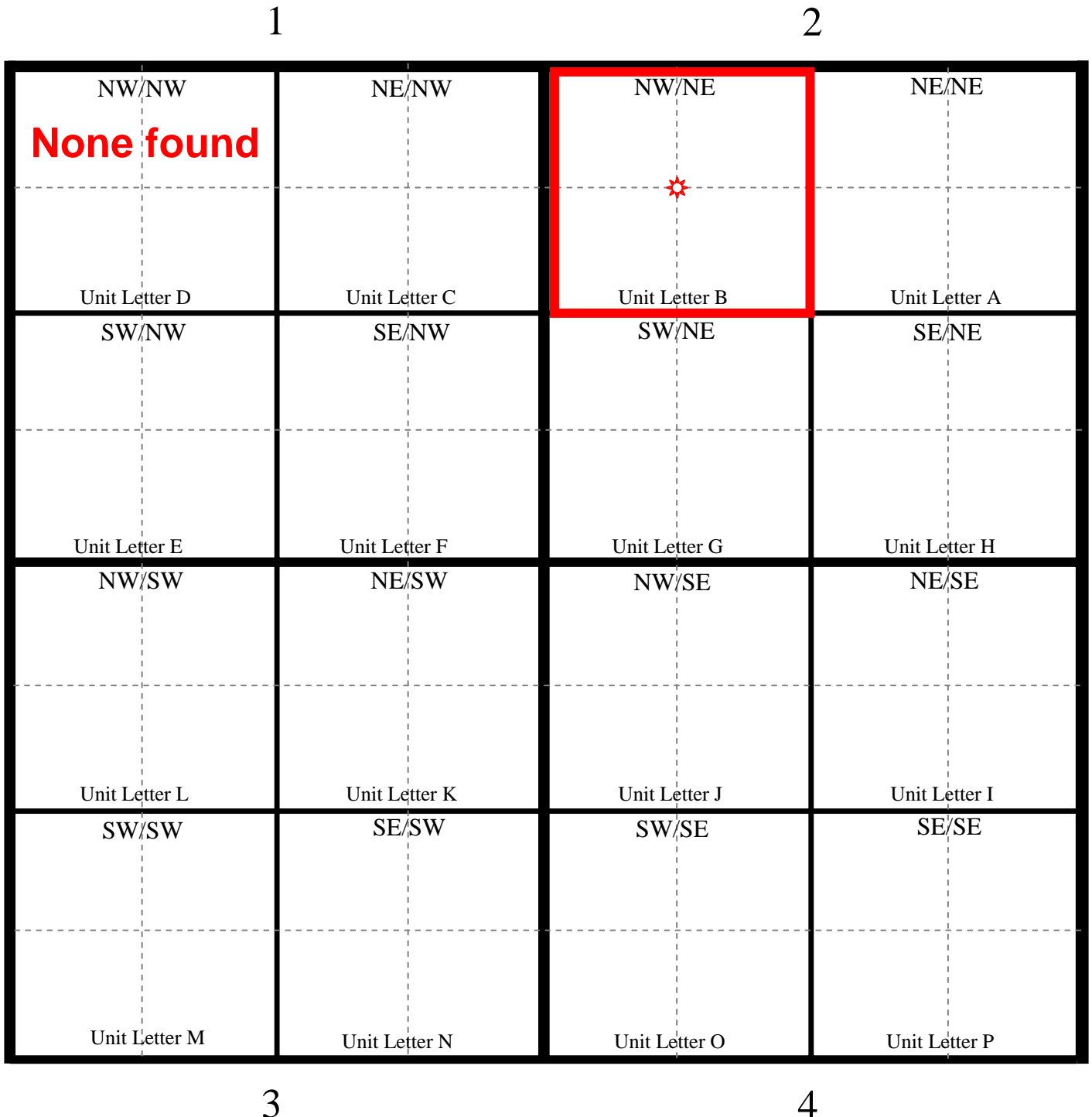
● SEO

● All Databases

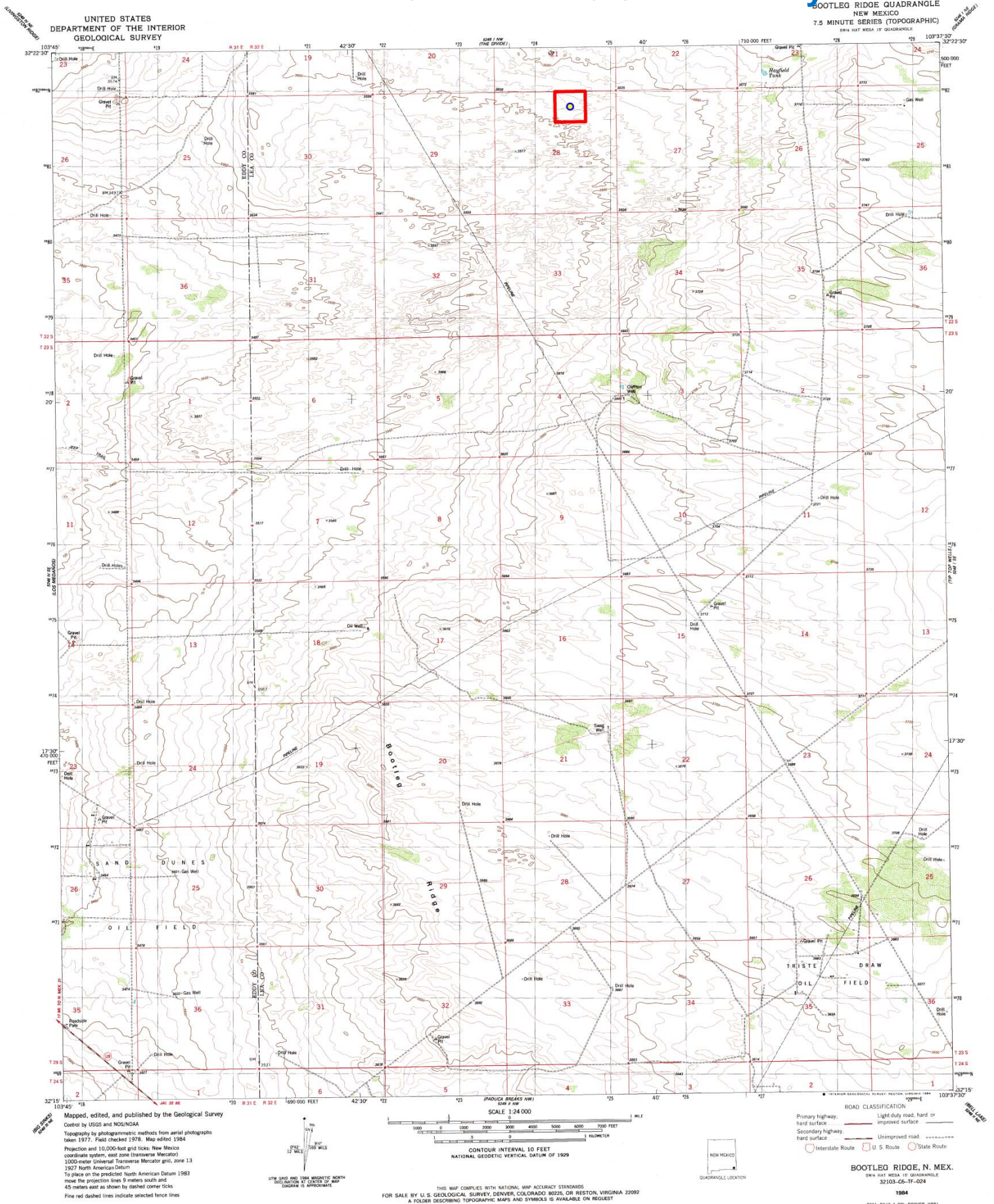
Oxy Red Tank 28 Federal #3 SWD

County	Unit Letter	Section	Township	Range
Lea	B	28	22S	32E

Trend Map 350'

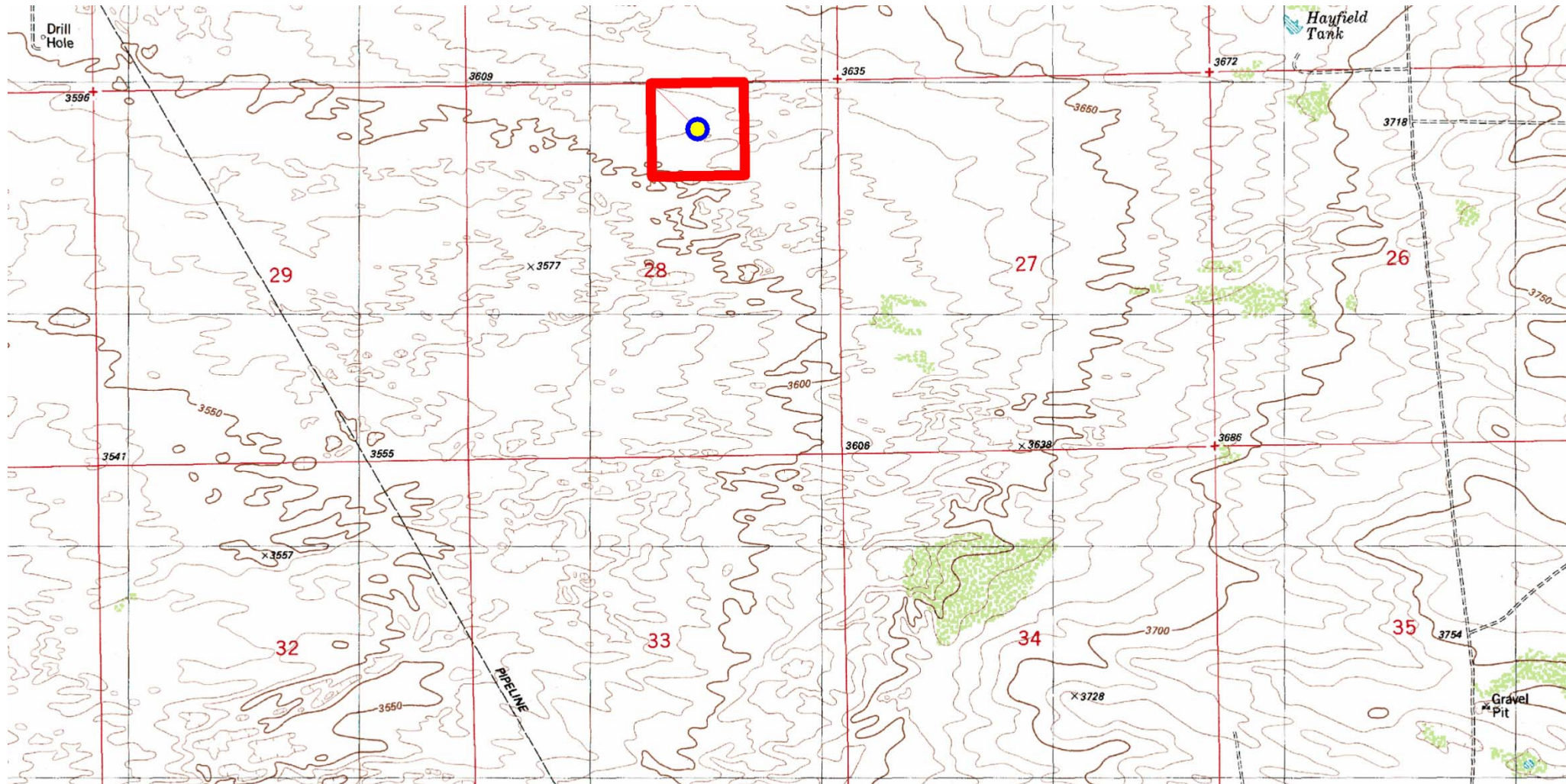


Red Tank 28 Federal #3 SWD Battery



Oxy

Red Tank 28 Federal #3 SWD Battery



Laboratory Analytical Results Summary
Red Tank 28 Federal #3

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	10/21/14	10/21/14	10/21/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		2400	400	128
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		118	<10.0	n/a

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	10/21/14	10/21/14	10/21/14	10/21/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a
Chloride	SM4500Cl-B		3520	192	192	128
GRO	TPH 8015M		<200	<10.0	n/a	n/a
DRO	TPH 8015M		7160	<10.0	n/a	n/a

		Sample	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	10/21/14	10/21/14	10/21/14	10/21/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a
Chloride	SM4500Cl-B		4160	1180	352	96
GRO	TPH 8015M		<200	<100	n/a	n/a
DRO	TPH 8015M		6100	1290	n/a	n/a



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 27, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 28 FEDERAL #3

Enclosed are the results of analyses for samples received by the laboratory on 10/23/14 10:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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". The signature is written in a cursive, flowing style.

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:	10/23/2014	Sampling Date:	10/21/2014
Reported:	10/27/2014	Sampling Type:	Soil
Project Name:	RED TANK 28 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 1 @ SURFACE (H403266-01)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTX	<0.300	0.300	10/24/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	10/23/2014	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	118	10.0	10/24/2014	ND	188	94.1	200	1.63	

Surrogate: 1-Chlorooctane 98.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

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:	10/23/2014	Sampling Date:	10/21/2014
Reported:	10/27/2014	Sampling Type:	Soil
Project Name:	RED TANK 28 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 1 @ 1' (H403266-02)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTX	<0.300	0.300	10/24/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	10/23/2014	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	<10.0	10.0	10/24/2014	ND	188	94.1	200	1.63	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

Sample ID: SP 1 @ 2' (H403266-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/23/2014	ND	400	100	400	3.92	

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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: 10/23/2014
Reported: 10/27/2014
Project Name: RED TANK 28 FEDERAL #3
Project Number: NOT GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 10/21/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ SURFACE (H403266-04)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2014	ND	1.99	99.3	2.00	2.06		
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81		
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72		
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78		
Total BTX	<0.300	0.300	10/24/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	10/23/2014	ND	400	100	400	3.92	

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	<200	200	10/24/2014	ND	201	100	200	0.982		
DRO >C10-C28	7160	200	10/24/2014	ND	188	94.1	200	1.63		

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 545 % 52.1-176

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:	10/23/2014	Sampling Date:	10/21/2014
Reported:	10/27/2014	Sampling Type:	Soil
Project Name:	RED TANK 28 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 2 @ 1' (H403266-05)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTX	<0.300	0.300	10/24/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/23/2014	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	<10.0	10.0	10/24/2014	ND	188	94.1	200	1.63	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

Sample ID: SP 2 @ 2' (H403266-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/23/2014	ND	400	100	400	3.92	

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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:	10/23/2014	Sampling Date:	10/21/2014
Reported:	10/27/2014	Sampling Type:	Soil
Project Name:	RED TANK 28 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 2 @ 3' (H403266-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/23/2014	ND	400	100	400	3.92	

Sample ID: SP 3 @ SURFACE (H403266-08)

BTEX 8021B			mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2014	ND	1.99	99.3	2.00	2.06		
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81		
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72		
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78		
Total BTEX	<0.300	0.300	10/24/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	10/23/2014	ND	400	100	400	3.92	

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	<200	200	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	6100	200	10/24/2014	ND	188	94.1	200	1.63	

Surrogate: 1-Chlorooctane 94.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 229 % 52.1-176

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Analytical Results For:

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

Received:	10/23/2014	Sampling Date:	10/21/2014
Reported:	10/27/2014	Sampling Type:	Soil
Project Name:	RED TANK 28 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 3 @ 1' (H403266-09)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2014	ND	1.99	99.3	2.00	2.06	
Toluene*	<0.050	0.050	10/24/2014	ND	1.89	94.6	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/24/2014	ND	1.79	89.3	2.00	2.72	
Total Xylenes*	<0.150	0.150	10/24/2014	ND	5.33	88.9	6.00	2.78	
Total BTX	<0.300	0.300	10/24/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	10/23/2014	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	1290	100	10/24/2014	ND	188	94.1	200	1.63	

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 136 % 52.1-176

Sample ID: SP 3 @ 2' (H403266-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/23/2014	ND	400	100	400	3.92	

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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:	10/23/2014	Sampling Date:	10/21/2014
Reported:	10/27/2014	Sampling Type:	Soil
Project Name:	RED TANK 28 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 3 @ 3' (H403266-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/23/2014	ND	400	100	400	3.92		

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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.
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

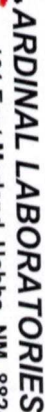
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Celey D. Keene, Lab Director/Quality Manager



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

1 of 2

#54



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: Red Tank 28 Federal #3

Project Location: Lea County, NM

Sampler Name: Jeff Ornelas

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H403726
11

SP3 @ 3'

10/21/14

(G)RAB OR (C)OMP.
CONTAINERS

MATRIX
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

PRESERV
SAMPLING
DATE
TIME

10/21/14 2:57 PM

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

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Relinquished By:

Date: 10/21/14

Time: 3:00pm

Received By:

Date: 10/21/14

Time: 10:00am

Received By:

Date: 10/21/14

Time: 3:26

Received By:

Date: 10/21/14

Time: 3:26

Relinquished By:

Date: 10/21/14

Time: 3:00pm

Received By:

Date: 10/21/14

Time: 10:00am

Received By:

Date: 10/21/14

Time: 3:26

Received By:

Date: 10/21/14

Time: 3:26

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition
Cool ☒ Intact ☒
Yes ☒ No ☒

CHECKED BY:
(Initials)

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

REMARKS:

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

#54

Kathy Purvis

From: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>
Sent: Wednesday, January 14, 2015 3:40 PM
To: Cliff Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY-Red Tank 28 Federal #3 SWD Battery - Remediation Plan

Aloha Cliff,

Your RP is 3182.

This message confirms our discussion yesterday and conditional approval of the plan as proposed (contingent on BLM agreement).

Please keep us informed.

Cheers

-Doc

Tomáš 'Doc' Oberding, PhD
Hydrologist-Advanced
Oil Conservation Division, EMNRD
(575) 393-6161 ext 111
E-Mail: tomas.oberding@state.nm.us

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.

From: Cliff Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Wednesday, January 14, 2015 3:21 PM
To: Oberding, Tomas, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Red Tank 28 Federal #3 SWD Battery - Remediation Plan

Tomas,

This e-mail is to confirm our conversation yesterday, January 13, 2015 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. The agreed upon remediation parameters are on the first page which is the site drawing with your initials beside the excavation depths. We are requesting BLM approval as well. We never received an RP numbers for this leak.

If you would please e-mail your concurrence with this remediation 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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Kathy Purvis

From: Hughes, Solomon <shughes@blm.gov>
Sent: Tuesday, February 24, 2015 9:59 AM
To: Cliff Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: FW: OXY-Red Tank 28 Federal #3 SWD Battery - Remediation Plan

Mr. Brunson,

This plan is approved as written with the following conditions of approval:

BLM approval of this proposal does not relieve the operator of liability, should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, any other aspects of the natural environment, human health, or if the location does not properly reclaim. In such an event that location does not re-vegetate, or future issues with contaminants are encountered, the operator will be asked to address the location until 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.

Bests,

Sol

Sol Hughes

Environmental Protection Division
Bureau of Land Management
620 E. Greene St
Carlsbad, NM

Office: 575.234.5951
Cell: 575.499.3378

On Mon, Feb 23, 2015 at 4:09 PM, Cliff Brunson <cbrunson@bbcinternational.com> wrote:

Sol,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Tomas Oberding of the NMOCD. His email follows this message.

If you will review the diagram on the attachment, it depicts the remediation plan and the areas and depths of the excavations. After the soil is excavated, the site will be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation 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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-Doc

Tomáš 'Doc' Oberding, PhD

Hydrologist-Advanced

Oil Conservation Division, EMNRD

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E-Mail: tomas.oberding@state.nm.us

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Thanks, Cliff

Cliff P. Brunson, CEI, CRS

President

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