

RECEIVED

By OCD District 1 at 3:01 pm, Jul 28, 2015

Closure Report**APPROVED**

By OCD District 1 at 3:01 pm, Jul 28, 2015

Site Description

Site Name:	Red Tank 26 Federal #1 CTB	RP will remain open until site abandonment
Company:	Oxy Permian Ltd.	at which point delineations under the
Legal Description:	U/L K, Section 26, T22S, R32E	liner will be conducted to ensure proper
County:	Lea County, NM	understanding of historic releases. This
GPS Coordinates:	N 32.36054° W 103.64818°	will allow a new depth of excavation to be
		determined.
		Ensure BLM concurrence/approval

Release Data

Date of Release:	7/17/2014
Type of Release:	Oil and produced water
Source of Release:	Erosion of nipple on the header of 2" steel flow line
Volume of Release:	5 bbls oil, 15 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Excavate the area around SP1 to a depth of 1 foot. Excavate the areas around SP2 and SP3 to a depth of 3 feet. Then, place a liner in the area around SP3. Backfill all excavated areas with clean soil.	
Remediation Activities:	06/15/2015 to 07/21/2015	
Plan Sent to OCD:	01/15/2015	Email from Cliff Brunson to Tomas Oberding
OCD Approval of Plan:	01/15/2015	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 07/31/2014
Final C-141	Signed 07/23/2014
Site Diagram	August 2014
Groundwater Plot	450'
TOPO Maps	August 2014
Lab Summary	09/04/2014 and 11/03/2014
Lab Analysis	09/04/2014 and 11/03/2014
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.

07/28/2015

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	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	Red Tank 26 Federal #1 CTB	Facility Type	Battery

Surface Owner	BLM	Mineral Owner		API No.	30-025-31855
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	26	22S	32E					Lea County, NM

Latitude N 32.36054° Longitude W 103.64818°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	5 bbls oil, 15 bbls water	Volume Recovered	0 bbls
Source of Release	Erosion of nipple in the header of 2" steel flow line	Date and Hour of Occurrence	07/17/2014	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?	Tomas Oberding, NMOCD and Sol Hughes, BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	07/18/2014 @ 4:28 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.*

Erosion of a nipple in the header caused 5 bbls of oil and 15 bbls of water to leak onto the ground from a 2" steel flow line. No fluids were recovered and the nipple was replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 110' x 25' inside the firewall. This leak is almost completely contained inside the firewall with only a very small portion of the leak coming off the west side. Remediation will be completed in accordance with a remediation plan approved by 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.

Signature:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Advisor	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 7-31-14	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary

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1625 N. French Dr., Hobbs, NM 88240
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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 26 Federal #1 CTB	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	API No. 30-025-31855

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	26	22S	32E					Lea County, NM

Latitude N 32.36054° Longitude W 103.64818°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	5 bbls oil, 15 bbls water	Volume Recovered	0 bbls
Source of Release	Erosion of nipple in the header of 2" steel flow line	Date and Hour of Occurrence	07/17/2014	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?	Tomas Oberding, NMOCD and Sol Hughes, BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	07/18/2014 @ 4:28 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.*

Erosion of a nipple in the header caused 5 bbls of oil and 15 bbls of water to leak onto the ground from a 2" steel flow line. No fluids were recovered and the nipple was replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 110' x 25' inside the firewall. This leak is almost completely contained inside the firewall with only a very small portion of the leak coming off the west side. Remediation was completed in accordance with the remediation plan approved by Tomas Oberding of NMOCD via email on 01/15/2015 and approved by Sol Hughes of the BLM via email on 02/24/2015.

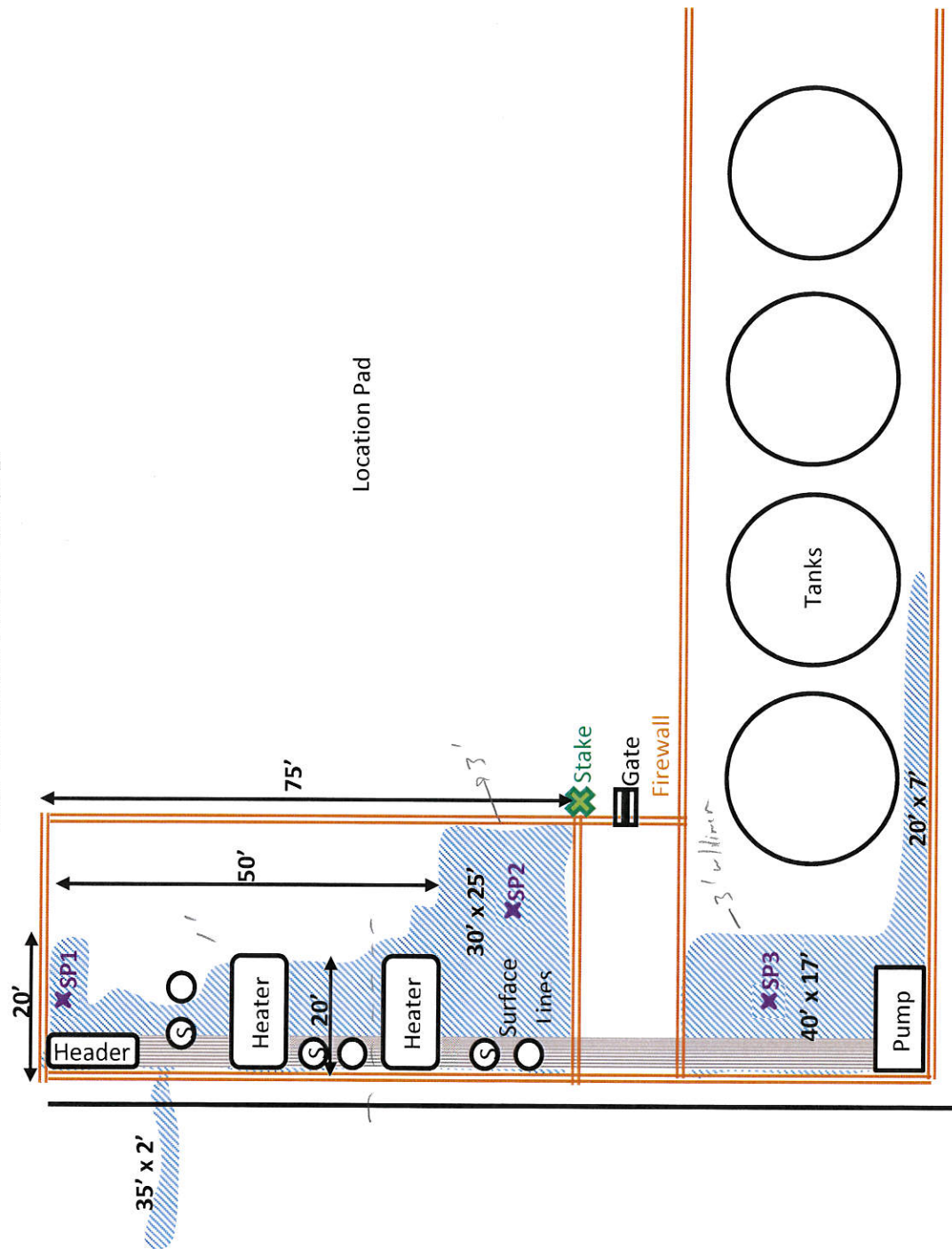
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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:	<u>OIL CONSERVATION DIVISION</u>		
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: <u>7-23-15</u> Phone: (432) 685-5824			

* Attach Additional Sheets If Necessary



Red Tank 26 Federal #1 CTB



270 a.k

U/L K, Section 26, T22S, R32E
Lea County, NM
N 32.36054° W 103.64818°
API# 30-025-31855

BBC International, Inc.

Oxy

Red Tank 26 Federal #1 CTB

Date: 08/04/2014	DRWG by: K. Purvis
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NOT TO SCALE	File: Oxy 2014
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Groundwater Plot

Oxy Red Tank 26 Federal #1 CTB

County
Lea

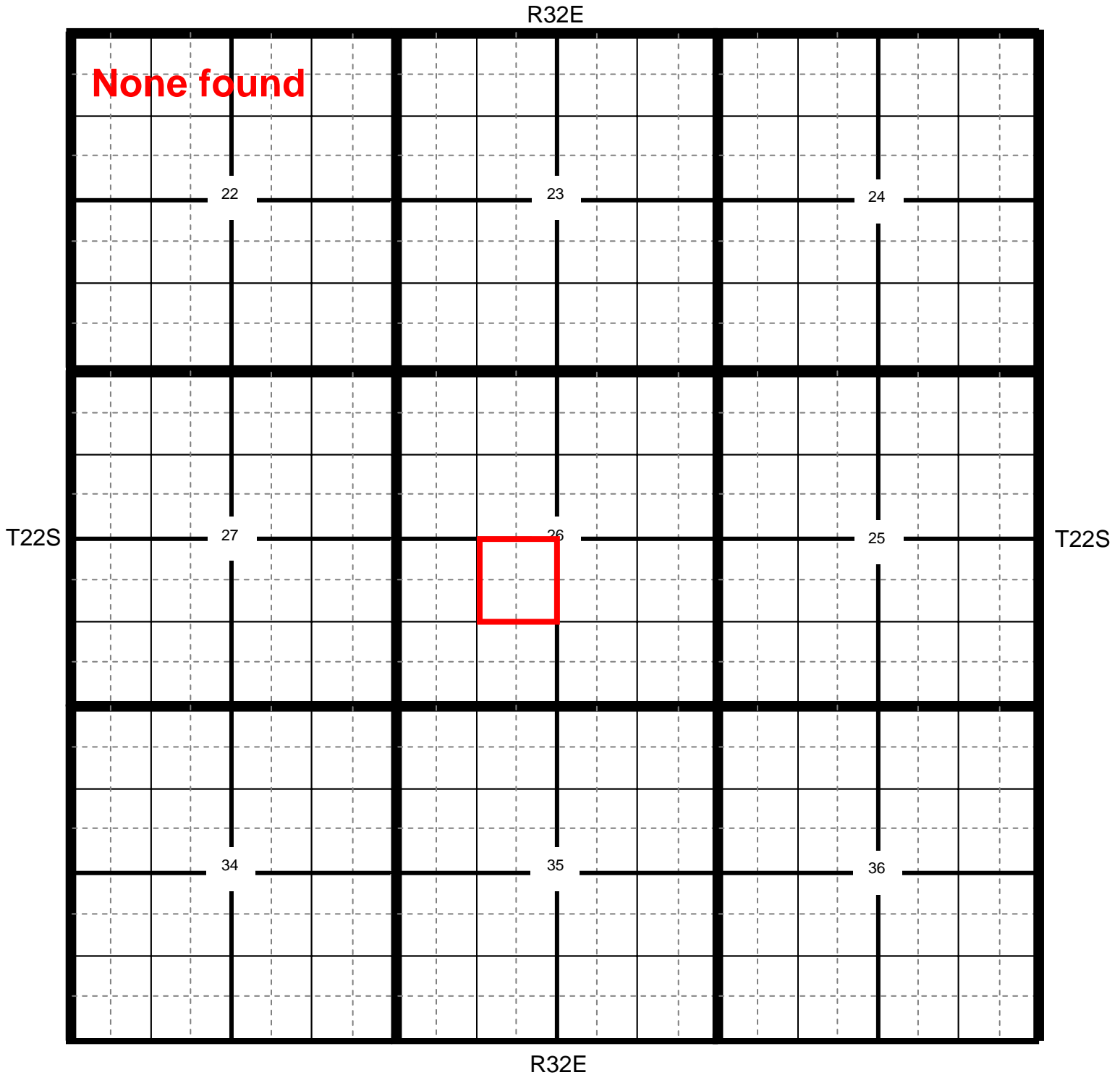
Unit Letter
K

Section
26

Township
22S

Range
32E

Trend Map 450'



Location

OCD

USGS

SEO

All Databases

Oxy Red Tank 26 Federal #1 CTB

County	Unit Letter	Section	Township	Range
Lea	K	26	22S	32E

Trend Map 450'

1

2

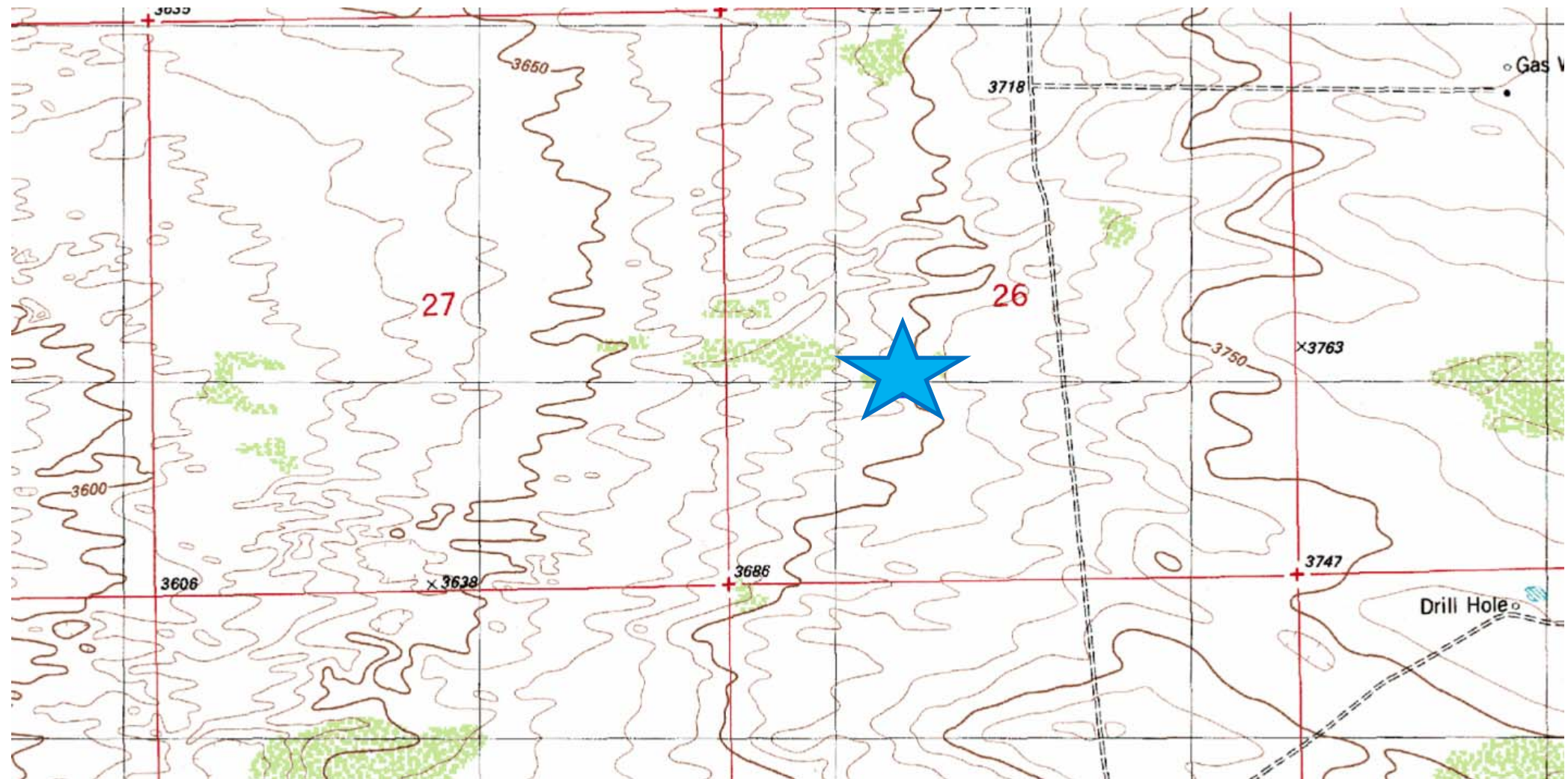
NW/NW None found	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter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

3

4

Oxy

Red Tank 26 Federal #1 CTB



Laboratory Analytical Results Summary

Red Tank 26 Federal #1

		Sample	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	9/4/14	9/4/14
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.112	<0.050
Ethylbenzene	BTEX 8021B		0.406	<0.050
Total Xylenes	BTEX 8021B		0.95	<0.150
Total BTEX	BTEX 8021B		1.47	<0.300
Chloride	SM4500Cl-B		672	144
GRO	TPH 8015M		138	<10.0
DRO	TPH 8015M		2590	156

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'
Analyte	Method	Date	9/4/14	9/4/14	9/4/14	9/4/14
			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		8800	1120	592	160
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	<10.0	n/a	n/a

[illegible]



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

September 15, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 26 FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 09/09/14 10:15.

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 style with a large, stylized 'C' and 'K'.

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: 09/09/2014
Reported: 09/15/2014
Project Name: RED TANK 26 FEDERAL #1
Project Number: NONE GIVEN
Project Location: OXY - LEA COUNTY, NM

Sampling Date: 09/04/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1' (H402795-01)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2014	ND	2.01	100	2.00	5.47	
Toluene*	0.112	0.050	09/11/2014	ND	1.81	90.3	2.00	5.66	
Ethylbenzene*	0.406	0.050	09/11/2014	ND	1.66	83.0	2.00	5.76	
Total Xylenes*	0.950	0.150	09/11/2014	ND	5.04	84.0	6.00	5.90	
Total BTEx	1.47	0.300	09/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 202 % 89.4-126

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	09/11/2014	ND	400	100	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	138	50.0	09/11/2014	ND	177	88.3	200	1.34	
DRO >C10-C28	2590	50.0	09/11/2014	ND	200	100	200	3.79	

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 142 % 63.6-154

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:	09/09/2014	Sampling Date:	09/04/2014
Reported:	09/15/2014	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 2' (H402795-02)

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	09/12/2014	ND	1.81	90.4	2.00	11.1	
Toluene*	<0.050	0.050	09/12/2014	ND	1.69	84.4	2.00	8.52	
Ethylbenzene*	<0.050	0.050	09/12/2014	ND	1.77	88.3	2.00	8.79	
Total Xylenes*	<0.150	0.150	09/12/2014	ND	5.41	90.2	6.00	9.70	
Total BTX	<0.300	0.300	09/12/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/11/2014	ND	400	100	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	<10.0	10.0	09/11/2014	ND	177	88.3	200	1.34	
DRO >C10-C28	156	10.0	09/11/2014	ND	200	100	200	3.79	

Surrogate: 1-Chlorooctane 87.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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: 09/09/2014
Reported: 09/15/2014
Project Name: RED TANK 26 FEDERAL #1
Project Number: NONE GIVEN
Project Location: OXY - LEA COUNTY, NM

Sampling Date: 09/04/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 1' (H402795-03)

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	09/12/2014	ND	1.81	90.4	2.00	11.1	
Toluene*	<0.050	0.050	09/12/2014	ND	1.69	84.4	2.00	8.52	
Ethylbenzene*	<0.050	0.050	09/12/2014	ND	1.77	88.3	2.00	8.79	
Total Xylenes*	<0.150	0.150	09/12/2014	ND	5.41	90.2	6.00	9.70	
Total BTX	<0.300	0.300	09/12/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	09/11/2014	ND	400	100	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	<10.0	10.0	09/11/2014	ND	177	88.3	200	1.34	
DRO >C10-C28	<10.0	10.0	09/11/2014	ND	200	100	200	3.79	

Surrogate: 1-Chlorooctane 88.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

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:	09/09/2014	Sampling Date:	09/04/2014
Reported:	09/15/2014	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ 3' (H402795-04)

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	09/12/2014	ND	1.81	90.4	2.00	11.1	
Toluene*	<0.050	0.050	09/12/2014	ND	1.69	84.4	2.00	8.52	
Ethylbenzene*	<0.050	0.050	09/12/2014	ND	1.77	88.3	2.00	8.79	
Total Xylenes*	<0.150	0.150	09/12/2014	ND	5.41	90.2	6.00	9.70	
Total BTX	<0.300	0.300	09/12/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	09/11/2014	ND	400	100	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	<10.0	10.0	09/11/2014	ND	177	88.3	200	1.34	
DRO >C10-C28	<10.0	10.0	09/11/2014	ND	200	100	200	3.79	

Surrogate: 1-Chlorooctane 94.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 107 % 63.6-154

Sample ID: SP 2 @ 4' (H402795-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	09/11/2014	ND	400	100	400	0.00	

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:	09/09/2014	Sampling Date:	09/04/2014
Reported:	09/15/2014	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ 5' (H402795-06)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/11/2014	ND	400	100	400	0.00		

Sample ID: SP 3 @ 1' (H402795-07)

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	09/12/2014	ND	1.81	90.4	2.00	11.1	
Toluene*	<0.050	0.050	09/12/2014	ND	1.69	84.4	2.00	8.52	
Ethylbenzene*	<0.050	0.050	09/12/2014	ND	1.77	88.3	2.00	8.79	
Total Xylenes*	0.208	0.150	09/12/2014	ND	5.41	90.2	6.00	9.70	
Total BTEX	<0.300	0.300	09/12/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	09/11/2014	ND	400	100	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	09/11/2014	ND	177	88.3	200	1.34	
DRO >C10-C28	429	50.0	09/11/2014	ND	200	100	200	3.79	

Surrogate: 1-Chlorooctane 105 % 65.2-140

Surrogate: 1-Chlorooctadecane 141 % 63.6-154

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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:	09/09/2014	Sampling Date:	09/04/2014
Reported:	09/15/2014	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ 3' (H402795-08)

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	09/12/2014	ND	1.81	90.4	2.00	11.1	
Toluene*	<0.050	0.050	09/12/2014	ND	1.69	84.4	2.00	8.52	
Ethylbenzene*	<0.050	0.050	09/12/2014	ND	1.77	88.3	2.00	8.79	
Total Xylenes*	0.211	0.150	09/12/2014	ND	5.41	90.2	6.00	9.70	
Total BTEX	<0.300	0.300	09/12/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8240	16.0	09/11/2014	ND	400	100	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	<10.0	10.0	09/11/2014	ND	177	88.3	200	1.34	
DRO >C10-C28	47.9	10.0	09/11/2014	ND	200	100	200	3.79	

Surrogate: 1-Chlorooctane 94.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

Sample ID: SP 3 @ 5' (H402795-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	09/11/2014	ND	400	100	400	0.00	

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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:	09/09/2014	Sampling Date:	09/04/2014
Reported:	09/15/2014	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ 7' (H402795-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6160	16.0	09/11/2014	ND	400	100	400	0.00		

Sample ID: SP 3 @ 9' (H402795-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3040	16.0	09/11/2014	ND	400	100	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1078

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #: Project Owner: Oxy

Project Name: Red Tank 26 Federal #1

Project Location: Lea County, NM

Sampler Name: Price Brunson

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
H402795	SP1 @ 1'										DATE	TIME								
	SP1 @ 2'										9/4/14	9:30 AM	✓	✓	✓					
	SP2 @ 1'										9/4/14	9:45 AM	✓	✓	✓					
	SP2 @ 3'										9/4/14	10:20 AM	✓	✓	✓					
	SP2 @ 4'										9/4/14	10:45 AM	✓	✓	✓					
	SP2 @ 5'										9/4/14	11:00 AM	✓	✓	✓					
	SP3 @ 1'										9/4/14	11:10 AM	✓	✓	✓					
	SP3 @ 3'										9/4/14	11:35 AM	✓	✓	✓					
	SP3 @ 5'										9/4/14	1:15 PM	✓	✓	✓					
	SP3 @ 7'										9/4/14	1:45 PM	✓	✓	✓					

PLEASE NOTE: Liability and damages Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 9/4/14

Time: 5:00 PM

Received By:

Date: 9/4/14

Time: 10:15

Received By:

Date: 9/4/14

Time: 5:20

Received By:

Date: 9/4/14

Time: 5:20

Received By:

Date: 9/4/14

Time: 5:20

Relinquished By:

Date: 9/4/14

Time: 5:00 PM

Received By:

Date: 9/4/14

Time: 10:15

Received By:

Date: 9/4/14

Time: 5:20

Received By:

Date: 9/4/14

Time: 5:20

Received By:

Date: 9/4/14

Time: 5:20

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

5:20

Sample Condition

Cool ☒ Yes ☐ No

Intact ☒ Yes ☐ No

Checked By: (Initials)

9/4

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Add'l Phone #:

Add'l Fax #:

REMARKS:

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

#54



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

#54



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

November 06, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 26 FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 11/04/14 9:15.

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 style with a large, stylized 'C' and 'K'.

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:	11/04/2014	Sampling Date:	11/03/2014
Reported:	11/06/2014	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ 11 (H403392-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	11/04/2014	ND	400	100	400	0.00	

Sample ID: SP 3 @ 13 (H403392-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1640	16.0	11/05/2014	ND	416	104	400	3.77	

Sample ID: SP 3 @ 16 (H403392-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	11/05/2014	ND	416	104	400	3.77	

Sample ID: SP 3 @ 17 (H403392-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	11/05/2014	ND	416	104	400	3.77	

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:	11/04/2014	Sampling Date:	11/03/2014
Reported:	11/06/2014	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ 18 (H403392-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/05/2014	ND	416	104	400	3.77		

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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



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.		P.O. #:		BILL TO												ANALYSIS REQUEST																											
Project Manager: Cliff Brunson		Company:																																									
Address: P.O. Box 805		Attn:																																									
City: Hobbs		State: NM		Zip: 88241																																							
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																																							
Project #:		City: Santa Fe		State:		Zip:																																					
Project Name: Red Tank 26 Fed #1		Phone #:																																									
Project Location: Mills Ranch		Fax #:																																									
Sampler Name: L.O.																																											
FOR LAB USE ONLY																																											
Lab I.D. H403392		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME															
1		SP3011		G11		1		X		X		X		X		X		X		X		X		X		11-3		945		X		CL -											
2		G16		G11		1		X		X		X		X		X		X		X		X		X		11-3		1100		X													
3		G17		G11		1		X		X		X		X		X		X		X		X		X		11-3		1000		X													
4		G18		G11		1		X		X		X		X		X		X		X		X		X		11-3		1300		X													
5				G11		1		X		X		X		X		X		X		X		X		X		11-3		159		X													
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																																											
Relinquished By: [Signature]		Date: 11-4-14		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																																			
Relinquished By: [Signature]		Date: 11-4-14		Received By: [Signature]		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																																			
Time:																																											
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)																																							
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>																																							
1.40																																											

† 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: Thursday, January 15, 2015 2:25 PM
To: Cliff Brunson; Hughes, Solomon
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY - Red Tank 26 Federal #1 CTB - Remediation Plan

Cliff et al,

Your RP for this event is- 1RP-3207

Can be found at-

http://ocdimage.emnrd.state.nm.us/Imaging/FileStore/santafeadmin/ao/256991/pto1421354396_1_ao.pdf

Based on our discussion and the documentation provided OCD grants conditional approval.

As noted please obtain concurrence from BLM regard this proposal.

Mahalo

-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: Thursday, January 15, 2015 11:58 AM
To: Oberding, Tomas, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - Red Tank 26 Federal #1 CTB - Remediation Plan

Tomas,

This e-mail is to confirm our conversation on Tuesday, 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 at the bottom right of the page above our company name. We are requesting BLM approval as well. We never received an RP number 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 10:10 AM
To: Cliff Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: FW: OXY - Red Tank 26 Federal #1 CTB - 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 4:10 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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From: Oberding, Tomas, EMNRD [mailto:Tomas.Oberding@state.nm.us]
Sent: Thursday, January 15, 2015 2:25 PM
To: Cliff Brunson; Hughes, Solomon
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY - Red Tank 26 Federal #1 CTB - Remediation Plan

Cliff et al,

Your RP for this event is- 1RP-3207

Can be found at-

http://ocdimage.emnrd.state.nm.us/Imaging/FileStore/santafeadmin/ao/256991/pto1421354396_1_ao.pdf

Based on our discussion and the documentation provided OCD grants conditional approval.

As noted please obtain concurrence from BLM regard this proposal.

Mahalo

-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: Thursday, January 15, 2015 11:58 AM
To: Oberding, Tomas, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - Red Tank 26 Federal #1 CTB - Remediation Plan

Tomas,

This e-mail is to confirm our conversation on Tuesday, 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 at the bottom right of the page above our company name. We are requesting BLM approval as well. We never received an RP number 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

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