

RECEIVED

By OCD District 1 at 2:58 pm, Jul 08, 2015

Closure Report

APPROVED ; Conditional

By OCD District 1 at 2:58 pm, Jul 08, 2015

Site Description

1. Ensure BLM approval/concurrence.

Site Name:	Baylus Cade Federal Battery
Company:	Oxy Permian Ltd.
Legal Description:	U/L K, Section 35, T23S, R37E
County:	Lea County, NM
GPS Coordinates:	N 32.25717° W 103.13680°

Release Data

Date of Release:	06/08/2014
Type of Release:	Oil
Source of Release:	Internal corrosion caused a hole in the bottom of a tank
Volume of Release:	20 bbls
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Excavate the entire leak site to a depth of 4 feet. Obtain a bottom confirmation sample. Backfill the site with clean soil.	
Remediation Activities:	04/30/2015 to 05/08/2015	
Plan Sent to OCD:	10/14/2014	Email from Cliff Brunson to Tomas Oberding
OCD Approval of Plan:	10/15/2014	Email from Tomas Oberding to Cliff Brunson
Plan Sent to BLM:	10/21/2014	Email from Cliff Brunson to Sol Hughes
BLM Approval of Plan:	10/22/2014	Email from Sol Hughes to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 06/23/2014
Final C-141	Signed 05/12/2015
Site Diagram	June 2014
Groundwater Plot	75'-100'
TOPO Maps	June 2014
Lab Summary	09/02/2014 and 05/07/2015
Lab Analysis	09/02/2014 and 05/07/2015
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.

07/07/2015

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	Baylus Cade Federal Battery	Facility Type	Gathering
Surface Owner	DK Boyd	Mineral Owner	BLM
		API No.	30-025-10960 (nearest well)

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	35	23S	37E					Lea County, NM

Latitude N 32.25899° Longitude W 103.13579°

NATURE OF RELEASE

Type of Release	Oil	Volume of Release	20 bbls	Volume Recovered	None
Source of Release	Internal corrosion caused a hole in the bottom of the west middle tank	Date and Hour of Occurrence	06/08/2014	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?	Geoffrey Leking & Tomas Oberding, NMOCD and Jennifer Van Curen, BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	06/09/2014 @ 12:13 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.*

Internal corrosion caused a hole in the bottom of the west middle tank and leaked 20 bbls of oil onto the ground. No fluids were recovered and the tank was repaired or replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 20' x 20' on location. 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 Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 6-23-14 Phone: (575) 397-8216			

* Attach Additional Sheets If Necessary

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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	Christopher Jones
Address	1502 W. Commerce Drive; Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Baylus Cade Federal Battery	Facility Type	Gathering
Surface Owner	DK Boyd	Mineral Owner	BLM
		API No.	30-025-10960 (nearest well)

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	35	23S	37E					Lea County, NM

Latitude N 32.25899° Longitude W 103.13579°

NATURE OF RELEASE

Type of Release	Oil	Volume of Release	20 bbls	Volume Recovered	None
Source of Release	Internal corrosion caused a hole in the bottom of the west middle tank	Date and Hour of Occurrence	06/08/2014	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?	Geoffrey Leking & Tomas Oberding, NMOCD and Jennifer Van Curen, BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	06/09/2014 @ 12:13 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.*

Internal corrosion caused a hole in the bottom of the west middle tank and leaked 20 bbls of oil onto the ground. No fluids were recovered and the tank was repaired or replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 20' x 20' on location. Remediation was completed in accordance with the remediation plan approved by Tomas Oberding of NMOCD via email on 10/15/2014 and approved by Sol Hughes of the BLM via email on 10/22/2014.

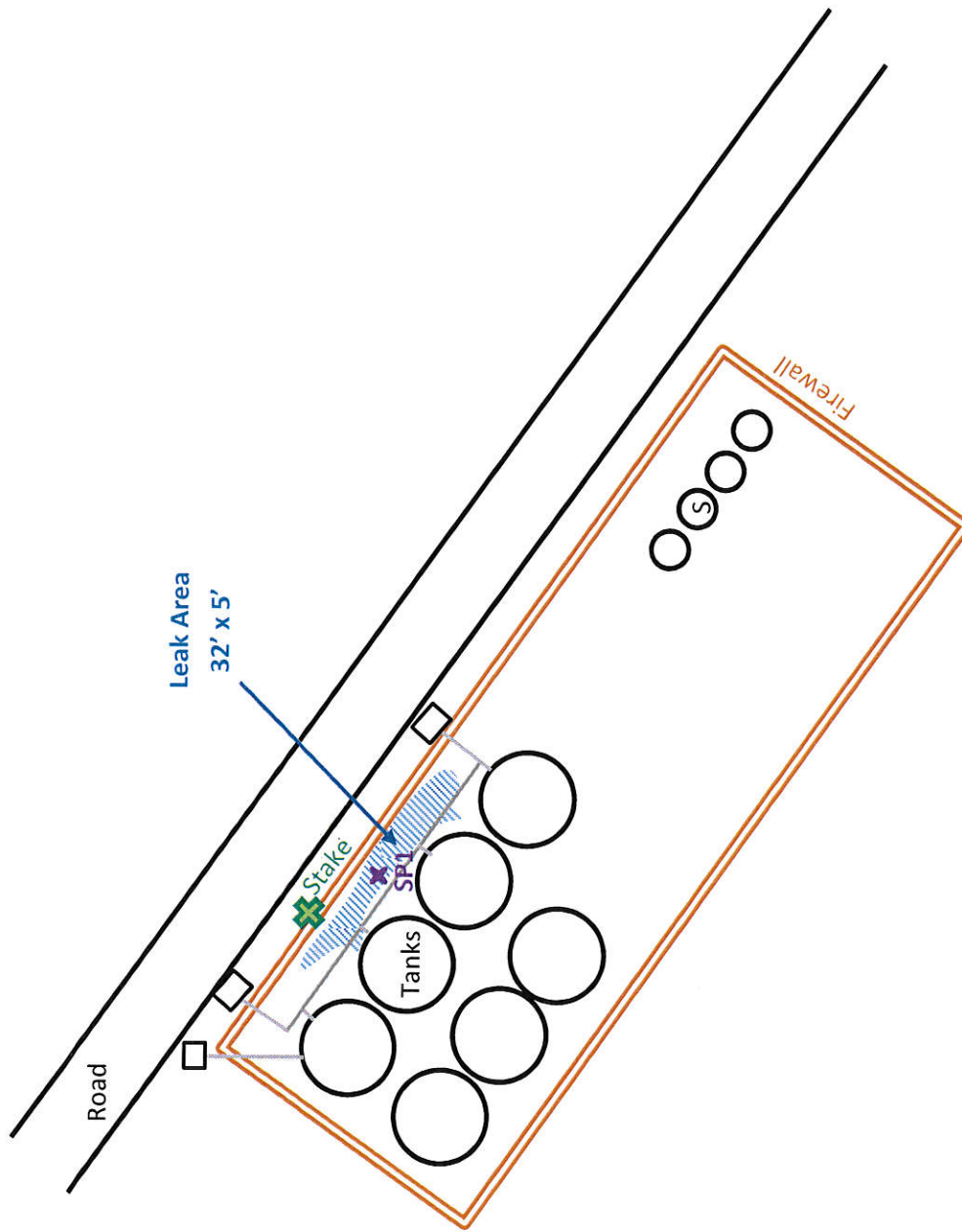
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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.

Chris Jones Signature: Jones Printed Name: Christopher Jones Title: HES Specialist E-mail Address: Christopher_Jones@oxy.com Date: _____ Phone: (575) 628-4121	OIL CONSERVATION DIVISION Approved by Environmental Specialist: Approval Date: _____ Expiration Date: _____ Conditions of Approval: _____ Attached <input type="checkbox"/>
--	---

* Attach Additional Sheets If Necessary



Oxy
Baylus Cade Federal Battery



U/L K, Section 35, T23S, R37E
Lea County, NM
N 32.25717° W 103.13680° at stake
API# 30-025-10960

BBC International, Inc.

Oxy

Baylus Cade Federal Battery

Date: 06/25/2014 DRWG by: K. Purvis

NOT TO SCALE File: Oxy 2014



Groundwater Plot

Oxy Baylus Cade Federal Battery

County
Lea

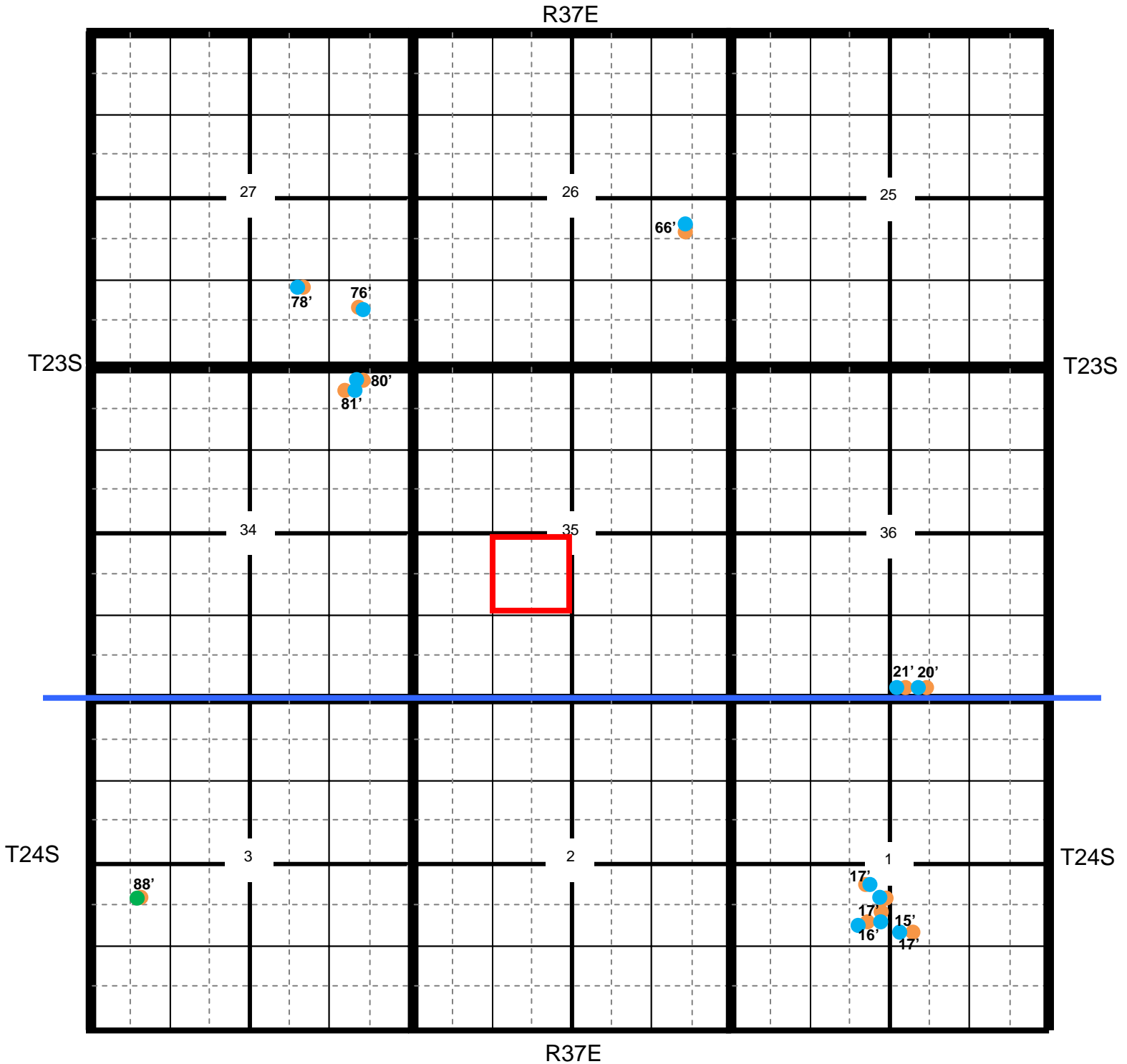
Unit Letter
D

Section
35

Township
23S

Range
37E

Trend Map 75'-100'



Location

OCD

USGS

SEO

All Databases

Oxy Baylus Cade Federal Battery

County Lea **Unit Letter** K **Section** 35 **Township** 23S **Range** 37E

Trend Map 75'-100'

1

2

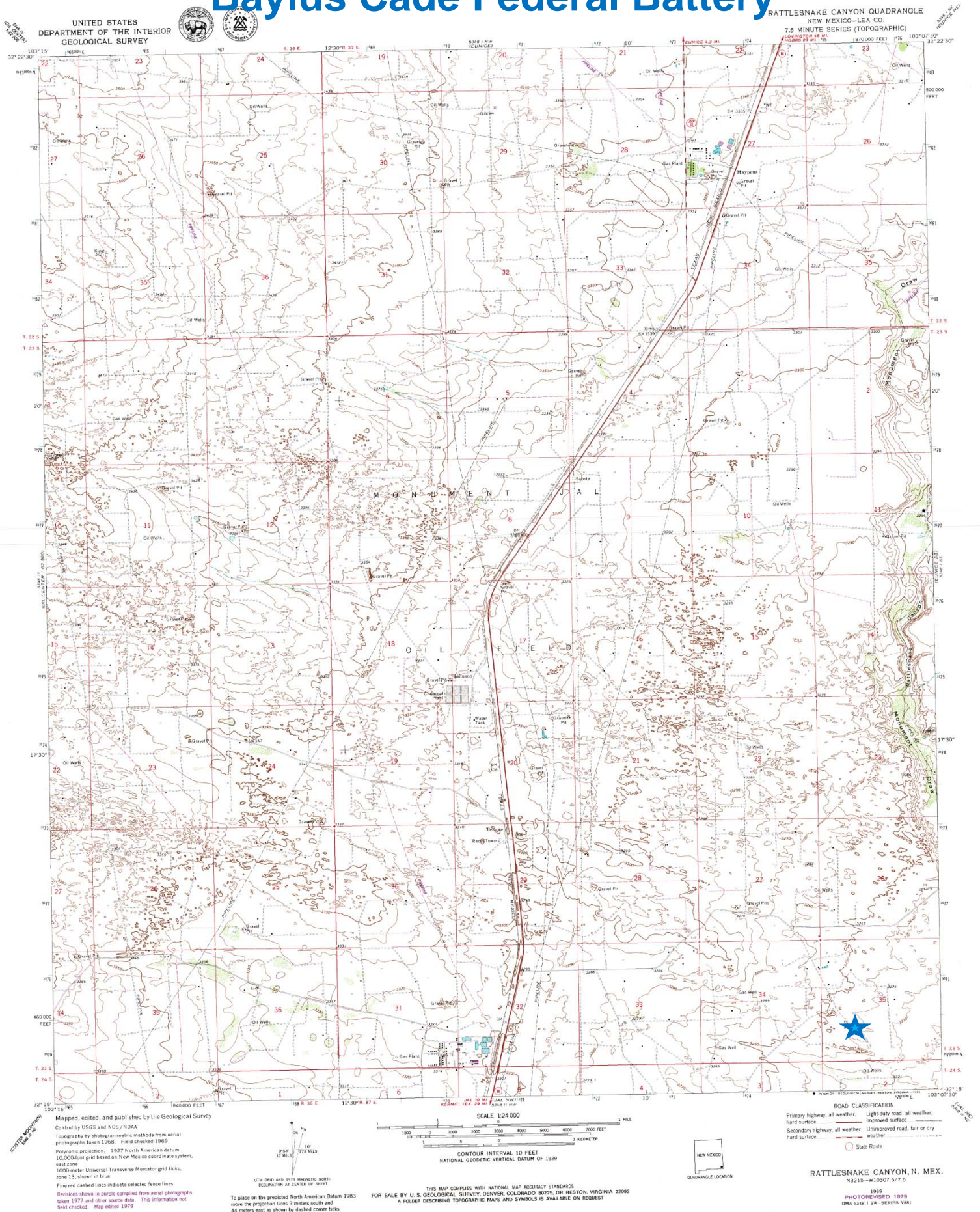
NW/NW None found Unit Letter D	NE/NW Unit Letter C	NW/NE Unit Letter B	NE/NE Unit Letter A
SW/NW Unit Letter E	SE/NW Unit Letter F	SW/NE Unit Letter G	SE/NE Unit Letter H
NW/SW Unit Letter L	NE/SW Unit Letter K	NW/SE Unit Letter J	NE/SE Unit Letter I
SW/SW Unit Letter M	SE/SW Unit Letter N	SW/SE Unit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

3

4

Oxy

Baylus Cade Federal Battery



Oxy



Laboratory Analytical Results Summary
Bayluc Cade Federal Battery

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'	SP1 @ 6'	SP1 @ 7'
Analyte	Method	Date	9/2/14	9/2/14	9/2/14	9/2/14	9/2/14	9/2/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.200	<1.00	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.209	1.55	0.23	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.678	3.09	0.551	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		5.01	20.2	3.4	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		5.9	24.9	4.18	<0.300	<0.300	<0.300
GRO	TPH 8015M		276	785	159	<10.0	<10.0	<10.0
DRO	TPH 8015M		16000	7720	2330	31.8	56.9	33.7

Laboratory Analytical Results Summary
Baylus Cade Federal Battery

Confirmation		Sample	BOTTOM
Analyte	Method	Date	5/7/15
			mg/Kg
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

September 09, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BAYLESS CADE FEDERAL BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/04/14 9:20.

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,



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:	09/04/2014	Sampling Date:	09/02/2014
Reported:	09/09/2014	Sampling Type:	Soil
Project Name:	BAYLESS CADE FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

Sample ID: SP 1 @ SURFACE (H402730-01)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/05/2014	ND	1.91	95.6	2.00	6.31	
Toluene*	0.209	0.200	09/05/2014	ND	1.79	89.3	2.00	5.70	
Ethylbenzene*	0.678	0.200	09/05/2014	ND	1.70	84.8	2.00	5.15	
Total Xylenes*	5.01	0.600	09/05/2014	ND	5.20	86.7	6.00	4.42	
Total BTX	5.90	1.20	09/05/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 89.4-126

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	276	100	09/04/2014	ND	205	103	200	2.65	
DRO >C10-C28	16000	100	09/04/2014	ND	203	102	200	4.16	

Surrogate: 1-Chlorooctane 294 % 65.2-140

Surrogate: 1-Chlorooctadecane 261 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	09/04/2014	Sampling Date:	09/02/2014
Reported:	09/09/2014	Sampling Type:	Soil
Project Name:	BAYLESS CADE FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

Sample ID: SP 1 @ 1' (H402730-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	09/05/2014	ND	1.91	95.6	2.00	6.31	
Toluene*	1.55	1.00	09/05/2014	ND	1.79	89.3	2.00	5.70	
Ethylbenzene*	3.09	1.00	09/05/2014	ND	1.70	84.8	2.00	5.15	
Total Xylenes*	20.2	3.00	09/05/2014	ND	5.20	86.7	6.00	4.42	
Total BTEx	24.9	6.00	09/05/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 89.4-126

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	785	200	09/04/2014	ND	205	103	200	2.65		
DRO >C10-C28	7720	200	09/04/2014	ND	203	102	200	4.16		

Surrogate: 1-Chlorooctane 515 % 65.2-140

Surrogate: 1-Chlorooctadecane 232 % 63.6-154

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*=Accredited Analyte

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

Received:	09/04/2014	Sampling Date:	09/02/2014
Reported:	09/09/2014	Sampling Type:	Soil
Project Name:	BAYLESS CADE FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

Sample ID: SP 1 @ 3' (H402730-03)

BTX 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	09/05/2014	ND	1.91	95.6	2.00	6.31	
Toluene*	0.230	0.050	09/05/2014	ND	1.79	89.3	2.00	5.70	
Ethylbenzene*	0.551	0.050	09/05/2014	ND	1.70	84.8	2.00	5.15	
Total Xylenes*	3.40	0.150	09/05/2014	ND	5.20	86.7	6.00	4.42	
Total BTX	4.18	0.300	09/05/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 176 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	159	100	09/04/2014	ND	205	103	200	2.65	
DRO >C10-C28	2330	100	09/04/2014	ND	203	102	200	4.16	

Surrogate: 1-Chlorooctane 113 % 65.2-140

Surrogate: 1-Chlorooctadecane 144 % 63.6-154

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

Received:	09/04/2014	Sampling Date:	09/02/2014
Reported:	09/09/2014	Sampling Type:	Soil
Project Name:	BAYLESS CADE FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

Sample ID: SP 1 @ 5' (H402730-04)

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	09/05/2014	ND	1.91	95.6	2.00	6.31		
Toluene*	<0.050	0.050	09/05/2014	ND	1.79	89.3	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/05/2014	ND	1.70	84.8	2.00	5.15		
Total Xylenes*	<0.150	0.150	09/05/2014	ND	5.20	86.7	6.00	4.42		
Total BTEX	<0.300	0.300	09/05/2014	ND						

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

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	09/04/2014	ND	205	103	200	2.65	
DRO >C10-C28	31.8	10.0	09/04/2014	ND	203	102	200	4.16	

Surrogate: 1-Chlorooctane 97.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 107 % 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:	09/04/2014	Sampling Date:	09/02/2014
Reported:	09/09/2014	Sampling Type:	Soil
Project Name:	BAYLESS CADE FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

Sample ID: SP 1 @ 6' (H402730-05)

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	09/05/2014	ND	1.91	95.6	2.00	6.31		
Toluene*	<0.050	0.050	09/05/2014	ND	1.79	89.3	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/05/2014	ND	1.70	84.8	2.00	5.15		
Total Xylenes*	<0.150	0.150	09/05/2014	ND	5.20	86.7	6.00	4.42		
Total BTEX	<0.300	0.300	09/05/2014	ND						

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

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	09/05/2014	ND	212	106	200	4.28	
DRO >C10-C28	56.9	10.0	09/05/2014	ND	211	106	200	5.25	

Surrogate: 1-Chlorooctane 98.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 107 % 63.6-154

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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:	09/04/2014	Sampling Date:	09/02/2014
Reported:	09/09/2014	Sampling Type:	Soil
Project Name:	BAYLESS CADE FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

Sample ID: SP 1 @ 7' (H402730-06)

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	09/08/2014	ND	1.70	85.1	2.00	4.89		
Toluene*	<0.050	0.050	09/08/2014	ND	1.56	78.1	2.00	5.39		
Ethylbenzene*	<0.050	0.050	09/08/2014	ND	1.47	73.5	2.00	5.20		
Total Xylenes*	<0.150	0.150	09/08/2014	ND	4.50	75.0	6.00	6.07		
Total BTEX	<0.300	0.300	09/08/2014	ND						

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

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	09/05/2014	ND	212	106	200	4.28	
DRO >C10-C28	33.7	10.0	09/05/2014	ND	211	106	200	5.25	

Surrogate: 1-Chlorooctane 98.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 107 % 63.6-154

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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.
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

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*=Accredited Analyte

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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.		BILL TO		ANALYSIS REQUEST									
---------------------------------------	--	----------------	--	-------------------------	--	--	--	--	--	--	--	--	--

Project Manager: Cliff Brunson		P.O. #:											
Address: P.O. Box 805		Company:											
City: Hobbs		Attn:											
State: NM Zip: 88241		Address:											
Phone #: 575-397-6388 Fax #: 575-397-0397		City:											
Project #:		State:		Zip:									
Project Name: Bayless Cade Federal Btry		Phone #:											
Project Location:		Fax #:											
Sampler Name: Price Brunson													

FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLING															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :																	
H4D273C	SP1 @ Surface	G	1	✓							✓	TPH														
	SP1 @ 1'	G	1	✓							✓	BTX														
	SP1 @ 3'	G	1	✓							✓															
	SP1 @ 5'	G	1	✓							✓															
	SP1 @ 6'	G	1	✓							✓															
	SP1 @ 7'	G	1	✓							✓															

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Relinquished By: <i>Price Brunson</i>	Date: 9/03/14	Received By: <i>Jennifer Ciley</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Relinquished By: _____	Date: 9-4-14	Received By: _____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	Time: 8:00a	Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>Jennifer Ciley</i>	REMARKS: _____

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

#54

May 08, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BAYLESS CADE FEDERAL BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/07/15 9:42.

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,



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:	05/07/2015	Sampling Date:	05/07/2015
Reported:	05/08/2015	Sampling Type:	Soil
Project Name:	BAYLESS CADE FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

Sample ID: BOTTOM (H501184-01)

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/08/2015	ND	193	96.6	200	0.574		
DRO >C10-C28	<10.0	10.0	05/08/2015	ND	199	99.7	200	1.45		

Surrogate: 1-Chlorooctane 97.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.9 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

[illegible]

Kathy Purvis

From: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>
Sent: Wednesday, October 15, 2014 10:09 AM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY - Baylus Cade Federal Battery - Remediation Plan

Aloha Mr. Brunson et al,

Thank you again for sending this plan to OCD.

Please consider this the notice of receipt.

Based on the samples provided, OCD grants approval of the scope of work as outlined in the email.

Please keep me updated as the situation warrants.

Mahalo

-Doc

Tomáš 'Doc' Oberding, PhD
Environmental Specialist – New Mexico Oil Conservation Division
Energy, Minerals and Natural Resources Department
1625 N. French Dr.
Hobbs, NM 88240
(O): (575) 393-6161 ext 111
(C): 575-370-3180
(F): (575) 393-0720
E-Mail: tomas.oberding@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/>

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Tuesday, October 14, 2014 7:14 PM
To: Oberding, Tomas, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - Baylus Cade Federal Battery - Remediation Plan

Tomas,

This e-mail is to confirm our conversation on September 19, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate to a depth of 4 feet in the entire leak area as depicted on the attached site diagram. The site will then 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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Kathy Purvis

From: Hughes, Solomon <shughes@blm.gov>
Sent: Wednesday, October 22, 2014 10:04 AM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: FW: OXY - Baylus Cade Federal Battery - Remediation Plan

Cliff,

The BLM approves this plan with one amendment:

After the excavation is completed, please, provide a bottom-hole confirmation sample. This sample will need to show a maximum TPH of 1000ppm.

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 Tue, Oct 21, 2014 at 6:25 PM, Cliff P. Brunson <cbrunson@bbcinternational.com> wrote:
Sol,

I have attached the remediation plan for the above referenced site. This site has been approved by Tomas Oberding with the NMOCDC as evidenced by his e-mail below. Oxy is requested the BLM's approval of this plan as submitted. Oxy will excavate to a depth of 4 feet in the entire leak area as depicted on the attached site diagram. The site will then be backfilled with clean soil.

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

Thanks, Cliff

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

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E-Mail: cbrunson@bbcinternational.com

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From: "Tomas J. Oberding" <tomas.oberding@state.nm.us>

Date: Wednesday, October 15, 2014 at 10:08 AM

To: Cliff Brunson <cbrunson@bbcinternational.com>

Cc: C J Summers <Chancey_Summers@oxy.com>, Ken Swinney <kswinney@bbcinternational.com>, Jennifer Gilkey <jgilkey@bbcinternational.com>, Kathy Purvis <kathy@bbcinternational.com>

Subject: RE: OXY - Baylús Cade Federal Battery - Remediation Plan

Aloha Mr. Brunson et al,

Thank you again for sending this plan to OCD.

Please consider this the notice of receipt.

Based on the samples provided, OCD grants approval of the scope of work as outlined in the email.

Please keep me updated as the situation warrants.

Mahalo

-Doc

Tomáš 'Doc' Oberding, PhD

Environmental Specialist – New Mexico Oil Conservation Division

Energy, Minerals and Natural Resources Department

1625 N. French Dr.

Hobbs, NM 88240

(O): (575) 393-6161 ext 111

(C): 575-370-3180

(F): (575) 393-0720

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

Website: <http://www.emnrd.state.nm.us/ocd/>

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]

Sent: Tuesday, October 14, 2014 7:14 PM

To: Oberding, Tomas, EMNRD

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: OXY - Baylus Cade Federal Battery - Remediation Plan

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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

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