

Closure Report

INCIDENT ID#nRM2003546219

Site Description

Site Name:	WEST BRAVO DOME 1829 142N
Company:	Oxy USA, Inc.
Legal Description:	U/L N, Section 14, T18N, R29E
County:	Harding County, NM
GPS Coordinates:	35.78243,-103.83246

Release Data

Date of Release:	12/30/2019
Type of Release:	PRODUCED WATER
Source of Release:	WEATHER FREEZING
Volume of Release:	16.5 BBLs
Volume Recovered:	0 BBLs

Remediation Specifications

Remediation Parameters:	<p>OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 and SP3 (BLUE shade on diagram) was excavated to a depth of 1 foot. The leak area near SP2 (RED shade on diagram) was excavated to a depth of 2 feet. Bottom and sidewall confirmation samples was collected every 35 feet.</p>
Remediation Activities:	9/24/2024 -10/25/2024

Plan Sent to OCD:	7/29/2020	
OCD Approval of Plan:	1/28/2022	
Plan Sent to BLM:		
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 9/24/24 ,10/7/24	
Notifications	9/11/2024,9/19/24	

Request for Closure

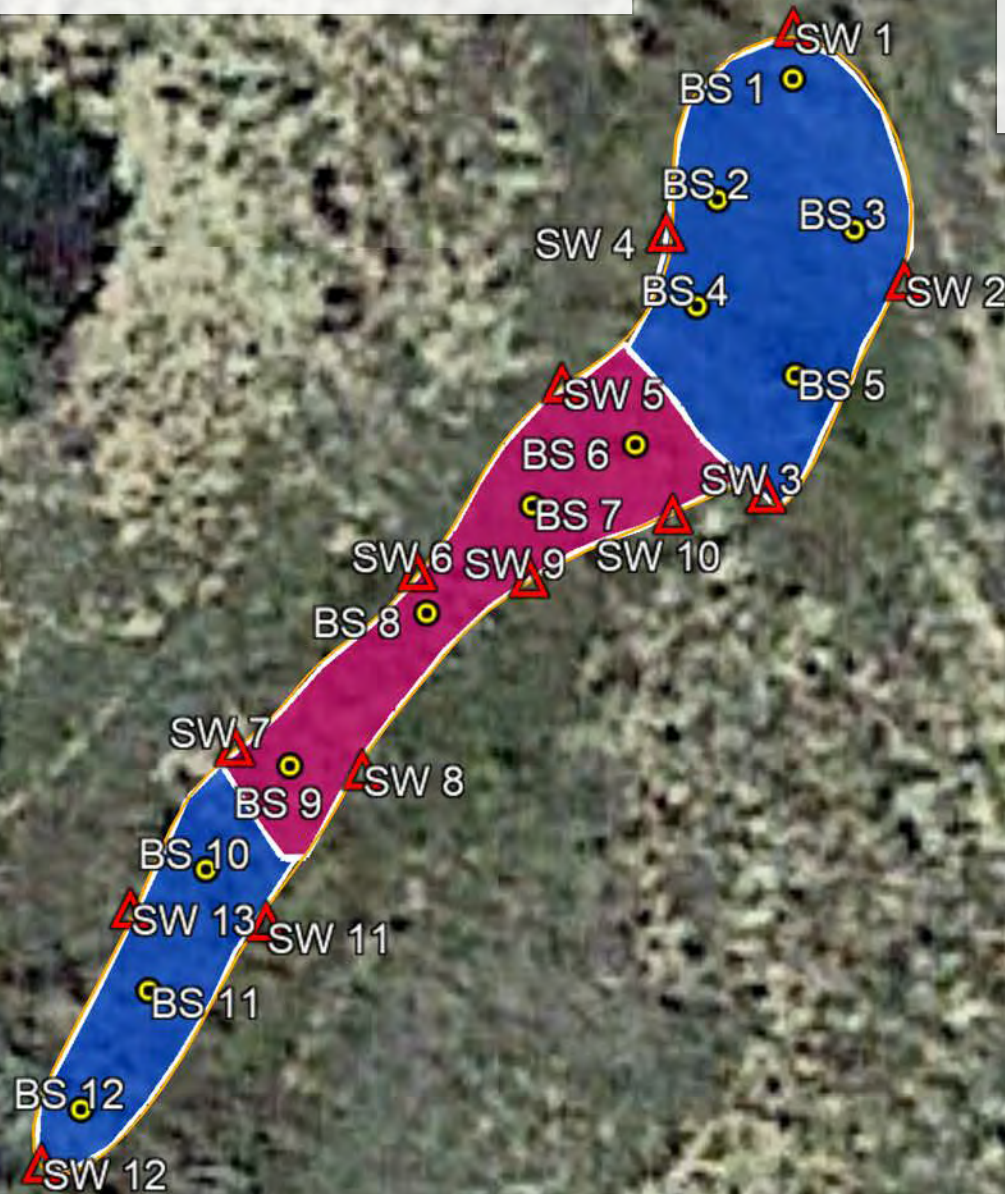
Based on the completion of the remediation, OXY requests closure approval from the NMOCD.	
Cliff Brunson, President of BBC International Inc.	11/21/2024

OXY, WEST BRAVO DOME 1829 142N

LEAK DATE :12/30/19
HARDING COUNTY,NM
ID#nRM2003546219

Legend

- 1' EXCAVATION
- 2' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- LEAK AREA
- SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

50 ft



OXY , WEST BRAVO DOME 1829 142N (12/30/19) SAMPLE DATE 9/24/24

BOTTOM SAMPLE POINTS

BS 1 @1'	N 35.782854	W-103.832386
BS 2@1'	N 35.782834	W-103.832411
BS 3@1'	N 35.782827	W-103.832365
BS 4@1'	N 35.782801	W-103.832414
BS 5@1'	N 35.782784	W-103.832385
BS 6@2'	N 35.782768	W-103.832433
BS 7@2'	N 35.782753	W-103.832463
BS 8@2'	N 35.782727	W-103.832494
BS 9@2'	N 35.782691	W-103.832535
BS 10@1'	N 35.782666	W-103.832560
BS 11@1'	N 35.782637	W-103.832577
BS 12@1'	N 35.782608	W-103.832596

SIDEWALL SAMPLE POINTS

SW 1	N 35.782866	W-103.832387
SW 2	N 35.782806	W-103.832354
SW 3	N 35.782756	W-103.832395
SW 4	N 35.782818	W-103.832424
SW 5	N 35.782782	W-103.832455
SW 6	N 35.782737	W-103.832498
SW 7	N 35.782695	W-103.832552
SW 8	N 35.782689	W-103.832514
SW 9	N 35.782735	W-103.832464
SW 10	N 35.782751	W-103.832422
SW 11	N 35.782653	W-103.832542
SW 12	N 35.782595	W-103.832608
SW 13	N 35.782656	W-103.83282

	Sample ID	BS 1@1'	BS 2@1'	BS 3@1'	BS 4@1'	BS 5@1'	BS 6@1'	BS 7@1'	BS 8@1'	BS 9@1'	BS 10@1'	BS 11@1'	BS 12@1'
Analyte	Date	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		16.0	16.0	16.0	32.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13
Analyte	Date	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24	9/24/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		16.0	16.0	16.0	16.0	16.0	16.0	16.0	<16.0	<16.0	<16.0	32.0	<16.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



WEST BRAVO DOME 1829 142N (12/30/1



October 4, 2024

Wetlands

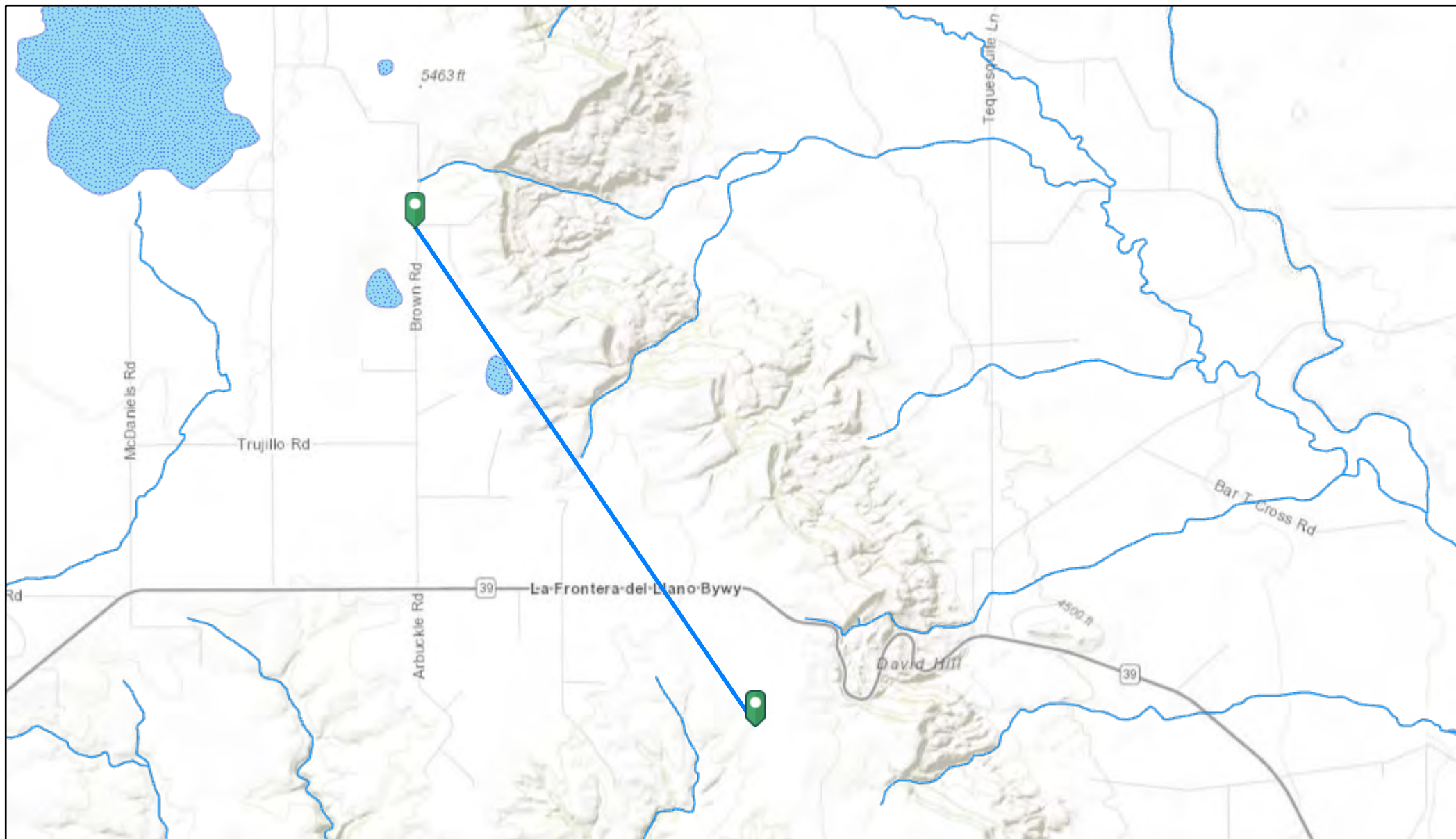
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

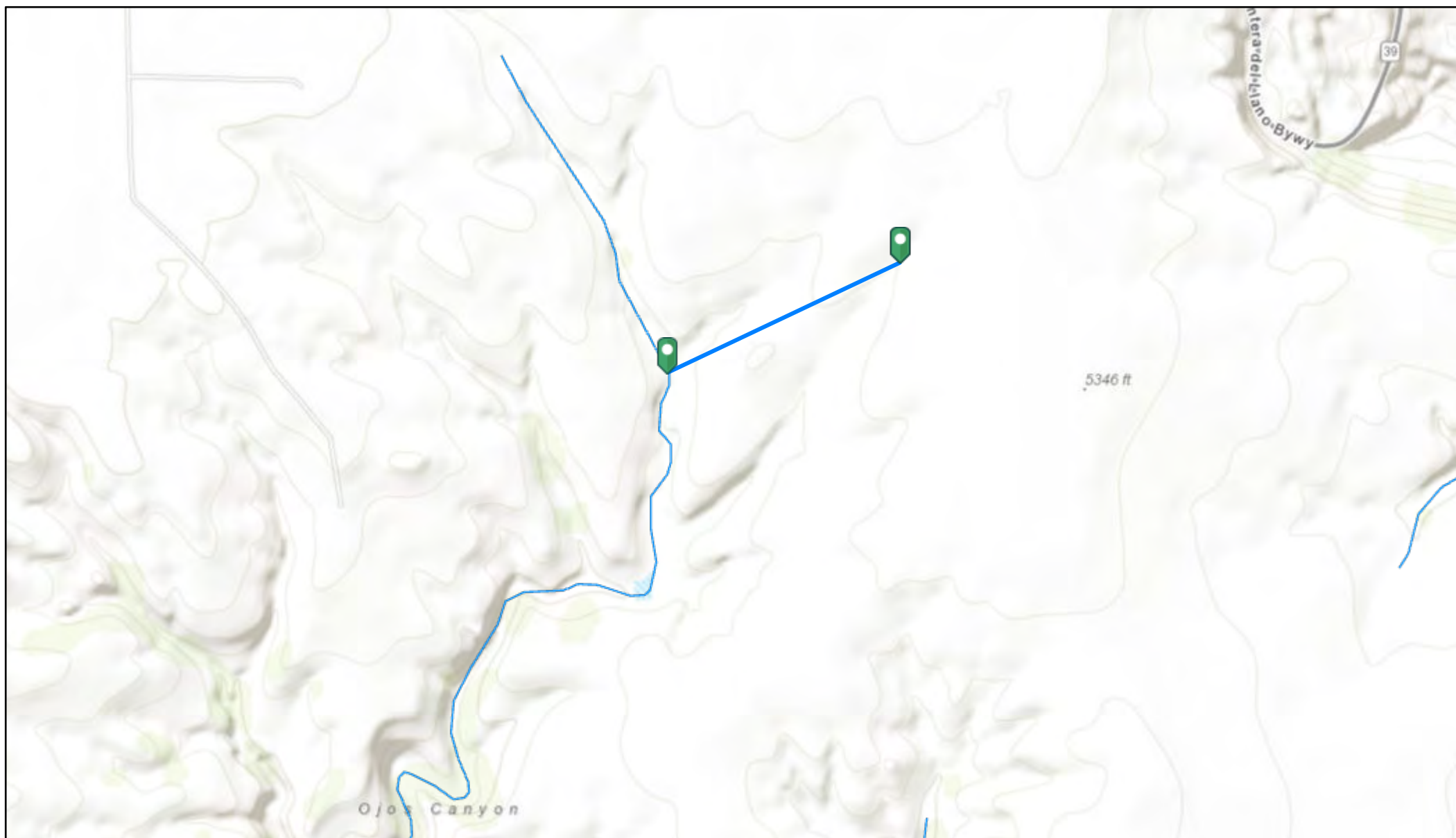
OXY, WEST BRAVO DOME 1829 142N (12/30/19) 22,036.4 FT OR 4.17 MILES TO WATER POD



10/4/2024, 1:29:59 PM

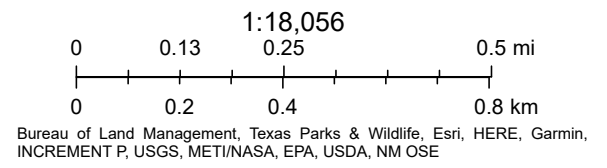
- OSW Water Bodies
- OSE Probable Playas
- OSE Streams

1:72,224
0 0.5 1 2 mi
0 0.75 1.5 3 km
Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA, NM OSE



10/4/2024, 1:20:43 PM

— OSE Streams





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

WWW.OSE.STATE.NM.US

Received

OCT 10 2016

Office of the State Engineer
District VII Cimarron Office

TWF

1. GENERAL AND WELL LOCATION	OSE ROD NUMBER (WELL NUMBER)			OSE FILE NUMBER(S)			
	TU-2179 Pool			TU 02179 Pool			
	WELL OWNER NAME(S)			PHONE (OPTIONAL)			
	Rancho Manana			575 403-6590			
2. DRILLING & CASING INFORMATION	WELL OWNER MAILING ADDRESS			CITY STATE ZIP			
	217 Brown Road			Mosguero NM 87733			
	WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS			
	LATITUDE	35	49	58.9	N		
	LONGITUDE	103	52	29.1	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLUS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							
33 19N 29E Harding (NW 1/4 NW 1/4 NW 1/4 SW 1/4)							
3. ANNULAR MATERIAL	LICENSE NUMBER		NAME OF LICENSED DRILLER		NAME OF WELL DRILLING COMPANY		
	W0-780		Frankie McKinley		McKinley Drilling		
	DRILLING STARTED		DRILLING ENDED		DEPTH OF COMPLETED WELL (FT)		
	9-19-16		9-26-16		155'		
					BORE HOLE DEPTH (FT)		
					153'		
					DEPTH WATER FIRST ENCOUNTERED (FT)		
					145'		
					STATIC WATER LEVEL IN COMPLETED WELL (FT)		
					135'		
COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)							
DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD <input type="checkbox"/> ADDITIVES - SPECIFY:							
DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input checked="" type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
DEPTH (feet log)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
FROM	TO						
0	133	8 1/4	PVC	Certa Loc	5"	50R21	
133	153	8 1/4	PVC	Certa hoc	5"	50R21	0.33
DEPTH (feet log)		BORE HOLE DIAM (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
FROM	TO						
153	20	8 1/4	3/8 pea gravel	3yds	shovel pour		
20	0	8 1/4	Hole plug seal	7 Bags			

FOR OSE INTERNAL USE

Stock WELL

WR-20 WELL RECORD & LOG (Version 06/06/2012)

TU-2179

Pool

578 757

19N 29E 33 3111

Released to Imaging: 2/17/2025 10:45:19 AM

Locator Tool Report**General Information:**

Application ID: 72 Date: 11-15-2016 Time: 10:52:25

WR File Number: TU
Purpose: POINT OF DIVERSIONApplicant First Name: RANCHO MANANA
Applicant Last Name: TU-2179GW Basin: TUCUMCARI
County: HARDINGCritical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT**PLSS Description (New Mexico Principal Meridian):**

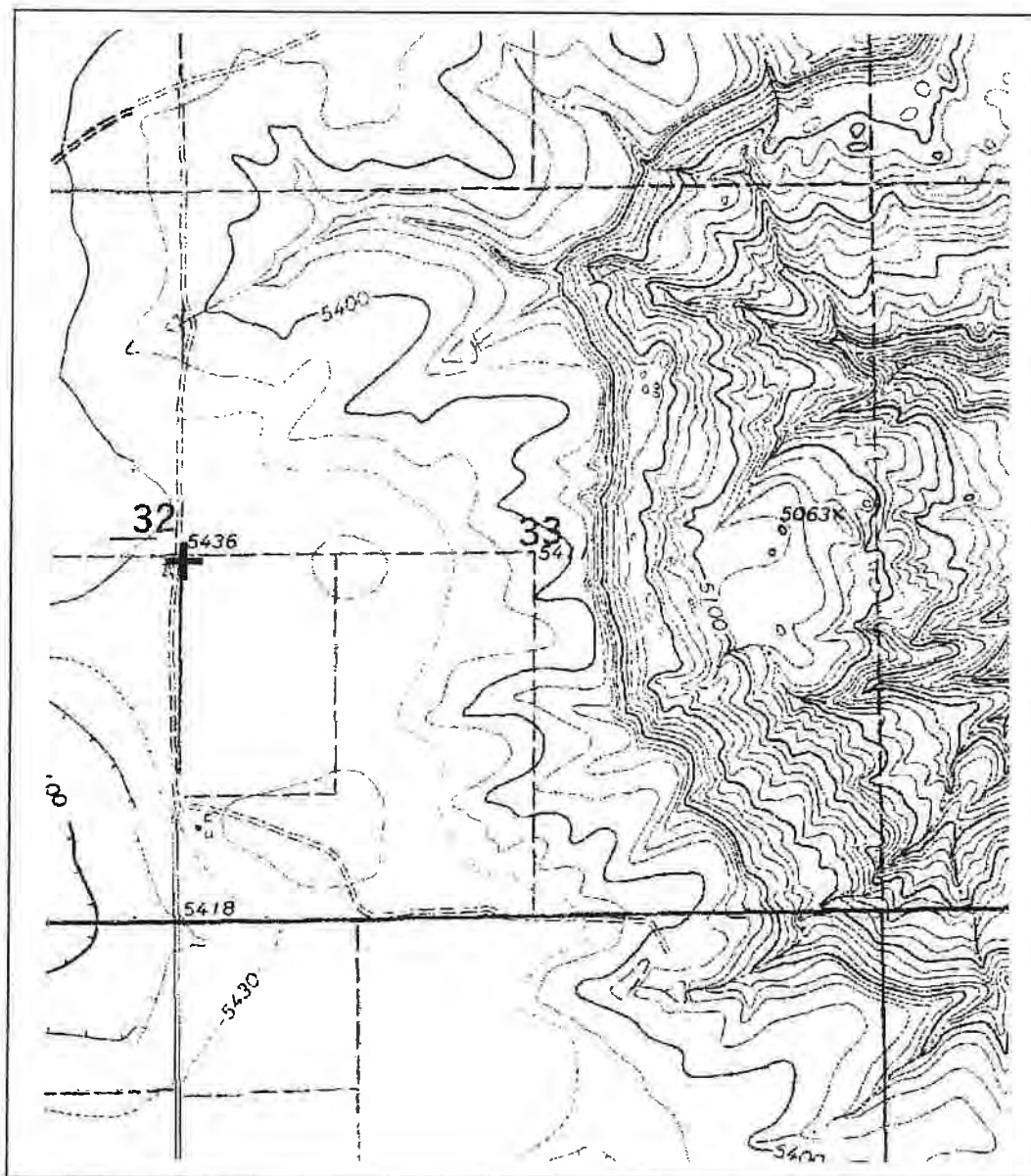
NW 1/4 of NW 1/4 of NW 1/4 of SW 1/4 of Section 33, Township 19N, Range 29E.

Coordinate System Details:**Geographic Coordinates:**Latitude: 35 Degrees 49 Minutes 58.9 Seconds N
Longitude: 103 Degrees 52 Minutes 27.1 Seconds W**Universal Transverse Mercator Zone: 13N**

NAD 1983(92) (Meters)	N: 3,966,014	E: 601,682
NAD 1983(92) (Survey Feet)	N: 13,011,831	E: 1,974,017
NAD 1927 (Meters)	N: 3,965,810	E: 601,731
NAD 1927 (Survey Feet)	N: 13,011,162	E: 1,974,181

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 536,090	E: 206,481
NAD 1983(92) (Survey Feet)	N: 1,758,822	E: 677,430
NAD 1927 (Meters)	N: 536,070	E: 193,930
NAD 1927 (Survey Feet)	N: 1,758,756	E: 636,251

NEW MEXICO OFFICE OF STATE ENGINEER**Locator Tool Report**

WR File Number: TU

Scale: 1:16,573

Northing/Easting: UTM83(92) (Meter): N: 3,966,014

E: 601,682

Northing/Easting: SPCS83(92) (Feet): N: 1,758,822

E: 677,430

GW Basin: Tucumcari

Tucumcari Basin
TU-2179 POD1
Rancho Manana



0 0.25 0.5 1 Miles

Scale 1:24,000



Tom Blaine, P.E.
State Engineer



Cimarron Office
PO BOX 481
CIMARRON, NM 87714

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
575-376-2410 or 575-376-2918

Trn Nbr: 578757
File Nbr: TU 02179
Well File Nbr: TU 02179 POD1

Nov. 16, 2016

GLENN A REIRSON
RANCHO MANANA
217 BROWN ROAD
MOSQUERO, NM 87733

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Katherine Behrendsen
Katherine Behrendsen
(575) 376-2410

Enclosure

wellrrcv



WEST BRAVO DOME 1829 142N (12/30/19)





WEST BRAVO DOME 1829 142N (12/30/19)





WEST BRAVO DOME 1829 142N (12/30/19)





WEST BRAVO DOME 1829 142N (12/30/19)





WEST BRAVO DOME 1829 142N (12/30/19)



WEST BRAVO DOME 1829 142N (12/30/19)





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

October 07, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: WEST BRAVO DOME 1829 142N

Enclosed are the results of analyses for samples received by the laboratory on 09/30/24 16:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H245937-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19	
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59	
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18	
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46	
Total BTEX	<0.300	0.300	10/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/04/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/04/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/04/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H245937-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H245937-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H245937-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19	
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59	
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18	
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46	
Total BTX	<0.300	0.300	10/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H245937-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/30/2024
 Reported: 10/07/2024
 Project Name: WEST BRAVO DOME 1829 142N
 Project Number: (12-30-19)
 Project Location: OXY - HARDING CO NM

Sampling Date: 09/24/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BOTTOM SAMPLE 6 @ 2' (H245937-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19	
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59	
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18	
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46	
Total BTX	<0.300	0.300	10/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 7 @ 2' (H245937-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 8 @ 2' (H245937-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 9 @ 2' (H245937-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H245937-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H245937-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H245937-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 1 (H245937-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 2 (H245937-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 3 (H245937-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/02/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 4 (H245937-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/02/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 5 (H245937-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/02/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 6 (H245937-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.02	101	2.00	5.19		
Toluene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	5.59		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	105	2.00	6.18		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.46		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/02/2024	ND	190	94.8	200	1.26	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	192	95.9	200	0.645	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 7 (H245937-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	1.99	99.6	2.00	6.75		
Toluene*	<0.050	0.050	10/02/2024	ND	2.05	103	2.00	6.79		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	7.11		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.16	103	6.00	7.03		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/01/2024	ND	432	108	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	10/01/2024	ND	192	96.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	185	92.6	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 8 (H245937-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	1.99	99.6	2.00	6.75		
Toluene*	<0.050	0.050	10/02/2024	ND	2.05	103	2.00	6.79		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	7.11		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.16	103	6.00	7.03		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/02/2024	ND	480	120	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	10/01/2024	ND	192	96.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	185	92.6	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 9 (H245937-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	1.99	99.6	2.00	6.75		
Toluene*	<0.050	0.050	10/02/2024	ND	2.05	103	2.00	6.79		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	7.11		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.16	103	6.00	7.03		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/02/2024	ND	480	120	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	10/01/2024	ND	192	96.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	185	92.6	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 10 (H245937-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	1.99	99.6	2.00	6.75		
Toluene*	<0.050	0.050	10/02/2024	ND	2.05	103	2.00	6.79		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	7.11		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.16	103	6.00	7.03		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/02/2024	ND	480	120	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	10/01/2024	ND	192	96.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	185	92.6	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 11 (H245937-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	1.99	99.6	2.00	6.75		
Toluene*	<0.050	0.050	10/02/2024	ND	2.05	103	2.00	6.79		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	7.11		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.16	103	6.00	7.03		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/02/2024	ND	480	120	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	10/01/2024	ND	192	96.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	185	92.6	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 12 (H245937-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	1.99	99.6	2.00	6.75		
Toluene*	<0.050	0.050	10/02/2024	ND	2.05	103	2.00	6.79		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	7.11		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.16	103	6.00	7.03		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/02/2024	ND	480	120	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	10/01/2024	ND	192	96.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	185	92.6	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2024	Sampling Date:	09/24/2024
Reported:	10/07/2024	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME 1829 142N	Sampling Condition:	Cool & Intact
Project Number:	(12-30-19)	Sample Received By:	Alyssa Parras
Project Location:	OXY - HARDING CO NM		

Sample ID: SIDEWALL 13 (H245937-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	1.99	99.6	2.00	6.75		
Toluene*	<0.050	0.050	10/02/2024	ND	2.05	103	2.00	6.79		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.07	104	2.00	7.11		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.16	103	6.00	7.03		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/02/2024	ND	480	120	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	10/01/2024	ND	192	96.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	185	92.6	200	3.02	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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 client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Caley D. Keene".

Caley 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

1 of 3

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST											
Project Manager: Cliff Brunson		P.O. #:													
Address: P.O. Box 805		Company: Oxy													
City: Hobbs		Attn:													
State: NM Zip: 88241		Address:													
Phone #: 575-397-6388 Fax #: 575-397-0397		City:													
Project #:		State:													
Project Name: WEST BRAVO DOME 1829 142N (12/30/19)		Zip:													
Project Location: New Mexico		Phone #:													
Sample Name: SIMON RENDON		Fax #:													
<small>FOR LAB USE ONLY</small>															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING			
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		ACID/BASE: ICE / COOL OTHER :		DATE TIME			
1045937		BOTTOM SAMPLE 1@1'		Q		1		✓		✓		9/24/24 9:15AM		✓	
		BOTTOM SAMPLE 2@1'										9/24/24 9:17AM		✓	
		BOTTOM SAMPLE 3@1'										9/24/24 9:42AM		✓	
		BOTTOM SAMPLE 4@1'										9/24/24 9:55AM		✓	
		BOTTOM SAMPLE 5@1'										9/24/24 10:08AM		✓	
		BOTTOM SAMPLE 6@2'										9/24/24 11:15AM		✓	
		BOTTOM SAMPLE 7@2'										9/24/24 11:28AM		✓	
		BOTTOM SAMPLE 8@2'										9/24/24 11:41AM		✓	
		BOTTOM SAMPLE 9@2'										9/24/24 11:53AM		✓	
		BOTTOM SAMPLE 10@1'										9/24/24 12:45PM		✓	
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based on contract or tort, shall be limited to the amount paid by the client for the analysis. No 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, as a result of any failure of Cardinal to perform its obligations under the above stated terms and conditions.</small>															
Relinquished By:		Date: 9-30-24		Received By:		Date: 9-30-24		Time: 8:00 AM		Sample Condition:		CHECKED BY:		REMARKS:	
[Signature]				[Signature]						<input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:	
Relinquished By:		Date: 9-30-24		Received By:		Date: 9-30-24		Time: 8:00 AM		Sample Condition:		CHECKED BY:		REMARKS:	
[Signature]				[Signature]						<input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:	
Delivered By: (Circle One) <i>Cliff Brunson</i>		Time: 8:00 AM		Received By:		Date: 9-30-24		Time: 8:00 AM		Sample Condition:		CHECKED BY:		REMARKS:	
[Signature]				[Signature]						<input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:	
Sampler - UPS - Bus - Other: <i>016/6000</i>		Time: 8:00 AM		Received By:		Date: 9-30-24		Time: 8:00 AM		Sample Condition:		CHECKED BY:		REMARKS:	
[Signature]				[Signature]						<input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:	

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



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2473

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																	
Project Manager: Cliff Brunson				P.O. #:																					
Address: P.O. Box 805				Company: Oxy																					
City: Hobbs				State: NM Zip: 88241																					
Phone #: 575-397-6388				Fax #: 575-397-0397																					
Project #:				Project Owner: Oxy																					
Project Name: WEST BRAVO DOME 1829 142N (12/30/19)				City:																					
Project Location: New Mexico				State:																					
Sample Name: SIMON RENDON				Phone #:																					
FOR LAB USE ONLY				Fax #:																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING													
H245437		BOTTOM SAMPLE 11@1'		G		1		GROUNDWATER						DATE		TIME		Chloride							
11		BOTTOM SAMPLE 12@1'						WASTEWATER						9/24/24		1:02PM		BTEX							
12		SIDEWALL 1						SOIL						9/24/24		1:14PM		TPHEXT							
13		SIDEWALL 2						OIL						9/24/24		1:32PM									
14		SIDEWALL 3						SLUDGE						9/24/24		1:45PM									
15		SIDEWALL 4						OTHER :						9/24/24		1:56PM									
16		SIDEWALL 5						ACID/BASE:						9/24/24		2:10PM									
17		SIDEWALL 6						ICE / COOL						9/24/24		2:22PM									
18		SIDEWALL 7						OTHER :						9/24/24		2:35PM									
19		SIDEWALL 8												9/24/24		2:46PM									
20														9/24/24		2:58PM									
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising out of or from this contract or not, 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: 9-30-24				Received By:				Time: 8:00 AM				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:					
Relinquished By:				Date: 9-30-24				Received By:				Time: 9:30-24				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:					
Delivered By: (Circle One) <i>Cardinal</i>				Time: 9:00 AM				Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Pres <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials) <i>AD</i>													
Sampler - UPS - Bus - Other: <i>0.5L #148</i>				Time: 9:00 AM				Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Pres <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials) <i>AD</i>													

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



~~ARDINAL~~ LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

305

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: WEST BRAVO DOME 1829 142N (12/30/19) Project Location: New Mexico Sampler Name: SIMON RENDON										P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		BILL TO										ANALYSIS REQUEST																											
FOR LAB USE ONLY Lab I.D. Sample I.D.										(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :										MATRIX PRESERV SAMPLING										DATE TIME Chloride BTEX TPHEXT																			
SIDEWALL 9 SIDEWALL 10 SIDEWALL 11 SIDEWALL 12 SIDEWALL 13										9 1 1 1 1										✓ ✓ ✓ ✓ ✓										9/24/24 3:12PM 9/24/24 3:30PM 9/24/24 3:43PM 9/24/24 3:55PM 9/24/24 4:10PM										✓ ✓ ✓ ✓ ✓									

PLEASE NOTE: Liability and Damages. Cardholder's liability and owner'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 service. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardholder within 30 days after completion of the applicable service. In no event shall Cardholder 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 Cardholder, regardless of whether such claim is brought on any of the above stated reasons or otherwise.

Relinquished By: *[Signature]*
Date: 9-30-24
Time: 8:00 AM
Received By: *[Signature]*
Date: 9-30-24
Time: 8:00 AM
Relinquished By: *[Signature]*
Date: 9-30-24
Time: 8:00 AM
Received By: *[Signature]*

Delivered By: (Circle One) *Delivered*
Sampler - UPS - Bus - Other: *0.5g / #145*
Sample Condition: Cool ☒ Intact ☒
Yes ☒ **No** ☒
Checked By: *AD*
Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS:

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 406250

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 406250
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2003546219
Incident Name	NRM2003546219 WEST BRAVO DOME 1829 142N @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	WEST BRAVO DOME 1829 142N
Date Release Discovered	12/30/2019
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Freeze Other (Specify) Produced Water Released: 16 BBL Recovered: 0 BBL Lost: 16 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 406250

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 406250
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 11/25/2024
--	--

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 406250

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 406250
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	32
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/11/2024
On what date will (or did) the final sampling or liner inspection occur	09/24/2024
On what date will (or was) the remediation complete(d)	10/25/2024
What is the estimated surface area (in square feet) that will be reclaimed	1408
What is the estimated volume (in cubic yards) that will be reclaimed	96
What is the estimated surface area (in square feet) that will be remediated	1408
What is the estimated volume (in cubic yards) that will be remediated	96
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 406250

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	406250
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	GANDY MARLEY LANDFARM/LANDFILL [FEEM0112338393]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.	
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 11/25/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 5

Action 406250

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 406250
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 6

Action 406250

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 406250
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	385065
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/24/2024
What was the (estimated) number of samples that were to be gathered	25
What was the sampling surface area in square feet	1408

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1408
What was the total volume (cubic yards) remediated	96
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1408
What was the total volume (in cubic yards) reclaimed	96
Summarize any additional remediation activities not included by answers (above)	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 and SP3 (BLUE shade on diagram) was excavated to a depth of 1 foot. The leak area near SP2 (RED shade on diagram) was excavated to a depth of 2 feet. Bottom and sidewall confirmation samples was collected every 35 feet.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 11/25/2024
--	--

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 7

Action 406250

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 406250
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 406250

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 406250
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/17/2025
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	2/17/2025
crystal.walker	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/17/2025
crystal.walker	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	2/17/2025