

Closure Report

INCIDENT ID #nAPP2103557478

Site Description

Site Name:	Bravo Dome 1835 151G Leg 7
Company:	Oxy USA, Inc.
Legal Description:	U/L D, Section 4, T14N, R36E
County:	Union County, NM
GPS Coordinates:	N 35.47357, W-103.12962

Release Data

Date of Release:	12/23/2020
Type of Release:	PRODUCED WATER
Source of Release:	INTERNAL CORROSION TO FLOW LINE
Volume of Release:	10.4 BBLS
Volume Recovered:	0 BBLS

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The leak area in green shade was excavated to 1'. The leak area in orange shade was excavated to 2'. The leak area in pink shade was excavated to 3'. The leak area in blue shade was excavated to 4'. Oxy collected bottom and sidewall confirmation samples every 200 square feet. The site was backfilled with clean soil.
Remediation Activities:	9/5/2023-10/15/2024

Plan Sent to OCD:	7/26/2021	
OCD Approval of Plan:	8/30/2021	
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 10/3/23,10/4/23,10/5/23	
Notifications		

Request for Closure

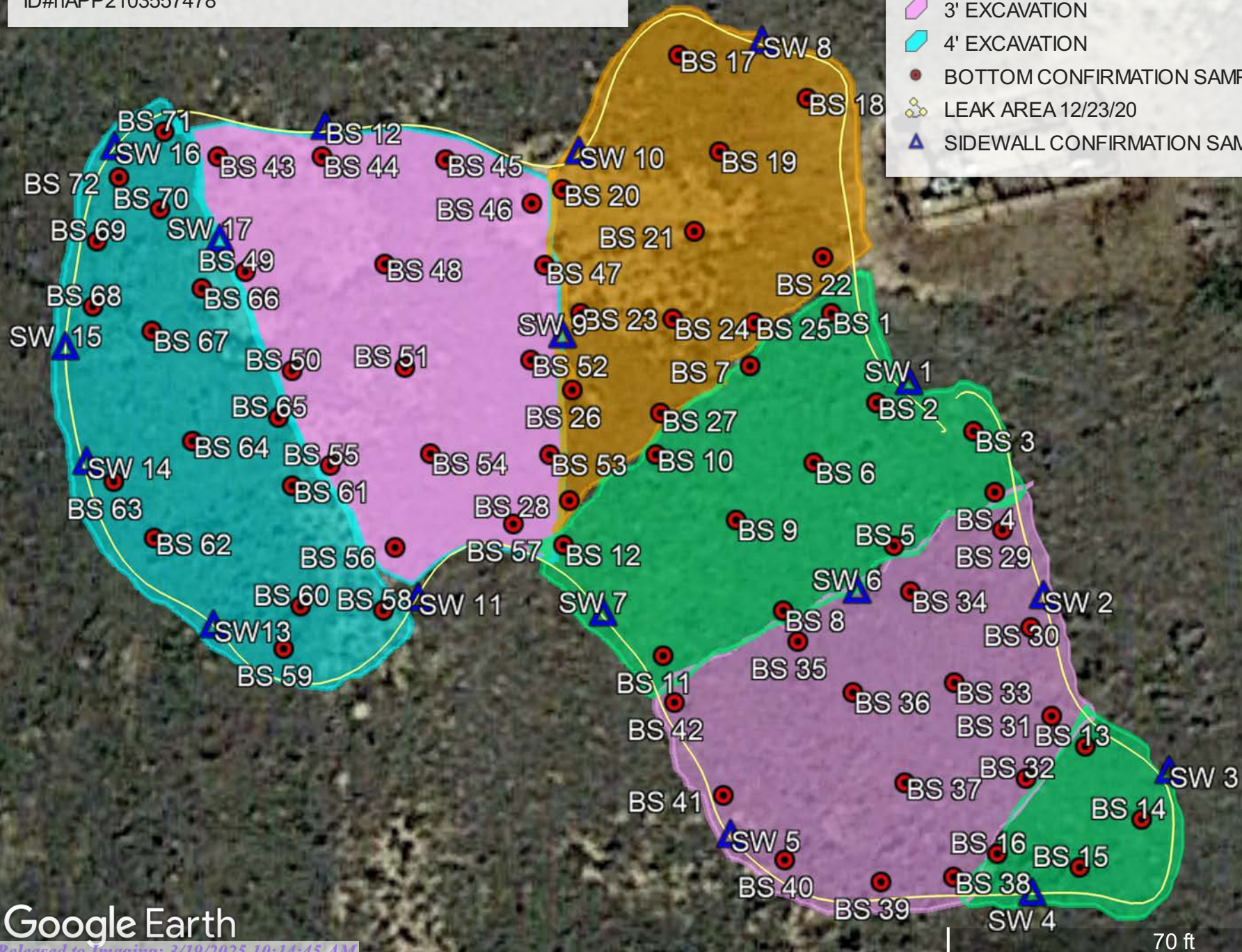
Based on the completion of the remediation, OXY requests closure approval from the NMOCD. Cliff Brunson, President of BBC International Inc.	12/22/2024
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OXY-BRAVO DOME 1835 151G LEG 7

LEAK DATE 12/23/20
UNION COUNTY, NM
ID#nAPP2103557478

Legend

-  1' EXCAVATION
-  2' EXCAVATION
-  3' EXCAVATION
-  4' EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  LEAK AREA 12/23/20
-  SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

OXY-BRAVO DOME 1835 151G LEG 7 (12/23/20) SAMPLE DATES 10/3/23,10/4/23,10/5/23

BOTTOM SAMPLES

BS 1@1'	N 35.793421	W-103.202431
BS 2@1'	N 35.793383	W-103.202407
BS 3@1'	N 35.793371	W-103.202356
BS 4@1'	N 35.793345	W-103.202345
BS 5@1'	N 35.793322	W-103.202398
BS 6@1'	N 35.793358	W-103.202440
BS 7@1'	N 35.793398	W-103.202473
BS 8@1'	N 35.793295	W-103.202455
BS 9@1'	N 35.793333	W-103.202480
BS 10@1'	N 35.793361	W-103.202522
BS 11@1'	N 35.793276	W-103.202518
BS 12@1'	N 35.793323	W-103.202570
BS 13@1'	N 35.793238	W-103.202298
BS 14@1'	N 35.793207	W-103.202269
BS 15@1'	N 35.793187	W-103.202301
BS 16@1'	N 35.793192	W-103.202344
BS 17@2'	N 35.793529	W-103.202510
BS 18@2'	N 35.793511	W-103.202443
BS 19@2'	N 35.793488	W-103.202489
BS 20@2'	N 35.793472	W-103.202570
BS 21@2'	N 35.793455	W-103.202502
BS 22@2'	N 35.793444	W-103.202435
BS 23@2'	N 35.793420	W-103.202561
BS 24@2'	N 35.793418	W-103.202513
BS 25@2'	N 35.793417	W-103.202471
BS 26@2'	N 35.793388	W-103.202565
BS 27@2'	N 35.793378	W-103.202519
BS 28@2'	N 35.793342	W-103.202567
BS 29@3'	N 35.793329	W-103.202341
BS 30@3'	N 35.793288	W-103.202326
BS 31@3'	N 35.793250	W-103.202315
BS 32@3'	N 35.793224	W-103.202329
BS 33@3'	N 35.793250	W-103.202381
BS 34@3'	N 35.793289	W-103.202431
BS 35@3'	N 35.793285	W-103.202440
BS 36@3'	N 35.793260	W-103.202419
BS 37@3'	N 35.793222	W-103.202392
BS 38@3'	N 35.793183	W-103.202367
BS 39@3'	N 35.793181	W-103.202405
BS 40@3'	N 35.793190	W-103.202455
BS 41@3'	N 35.793218	W-103.2002487
BS 42@3'	N 35.793256	W-103.202512
BS 43@3'	N 35.793486	W-103.202748
BS 44@3'	N 35.793486	W-103.202694

BS 45@3'	N 35.793476	W-103.202609
BS 46@3'	N 35.793466	W-103.202586
BS 47@3'	N 35.793441	W-103.202579
BS 48@3'	N 35.793440	W-103.202649
BS 49@3'	N 35.793438	W-103.202734
BS 50@3'	N 35.793396	W-103.202710
BS 51@3'	N 35.793398	W-103.202652
BS 52@3'	N 35.793401	W-103.202587
BS 53@3'	N 32.793361	W-103.202577
BS 54@3'	N 35.793361	W-103.202639
BS 55@3'	N 35.793356	W-103.202690
BS 56@3'	N 35.793322	W-103.202657
BS 57@3'	N 35.793332	W-103.202596
BS 58@4'	N 35.793295	W-103.202663
BS 59@4'	N 35.793280	W-103.202714
BS 60@4'	N 35.793297	W-103.202706
BS 61@4'	N 35.793348	W-103.202710
BS 62@4'	N 35.793321	W-103.202780
BS 63@4'	N 35.793350	W-103.202801
BS 64@4'	N 35.793367	W-103.202761
BS 65@4'	N 35.793377	W-103.202717
BS 66@4'	N 35.793431	W-103.202756
BS 67@4'	N 35.793413	W-103.202782
BS 68@4'	N 35.793423	W-103.202812
BS 69@4'	N 35.793450	W-103.202810
BS 70@4'	N 35.793464	W-103.202778
BS 71@4'	N 35.793496	W-103.202776
BS 72@4'	N 35.793477	W-103.202799

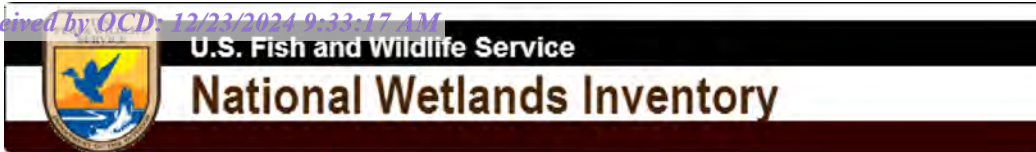
SIDEWALL SAMPLE POINTS

SW 1	N 35.793391	W-103.202391
SW 2	N 35.793293	W-103.202548
SW 3	N 35.793227	W-103.202255
SW 4	N 35.793176	W-103.202326
SW 5	N 35.793497	W-103.202553
SW 6	N 35.793442	W-103.202414
SW 7	N 35.793351	W-103.20571
SW 8	N 35.793505	W-103.202761
SW 9	N 35.793411	W-103.202570
SW 10	N 35.793330	W-103.202678
SW 11	N 35.793300	W-103.202646
SW 12	N 35.793388	W-103.202716
SW 13	N 35.793289	W-103.202751
SW 14	N 32.793358	W-103.202816
SW 15	N 35.793406	W-103.202827
SW 16	N 35.793490	W-103.202801
SW 17	N 35.793451	W-103.202748

[illegible][illegible][illegible]

	Sample ID	BS 55@3'	BS 56@3'	BS 57@3'	BS 58@4'	BS 59@4'	BS 60@4'	BS 61@4'	BS 62@4'	BS 63@4'	BS 64@4'	BS 65@4'	BS 66@4'	BS 67@4'	BS 68@4'	BS 69@4'	BS 70@4'	BS 71@4'	BS 72@4'
Analyte	Date	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23
		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	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	<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	<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	<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	<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	<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	<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	<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	<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	<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	SW 14	SW 15	SW 16	SW 17
Analyte	Date	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23	10/5/23
		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	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	<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	<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	<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	<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	<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	32.0	<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	<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	<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	<10.0	<10.0	<10.0	<10.0



BRAVO DOME 1835 151G LEG 7 (12/23/2



November 20, 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.

11/20/24, 9:39 AM

FEMA's National Flood Hazard Layer (NFHL) Viewer



FEMA's National Flood Hazard Layer (NFHL) Viewer

with Web AppBuilder for ArcGIS



35.79333,-103.20229



Show search results for 35.79333,-10...



NFHL Print Tool

Input

Output

OutputMessage

FEMA has not completed a study to determine flood hazard for the selected location; therefore, a flood map has not been published at this time.

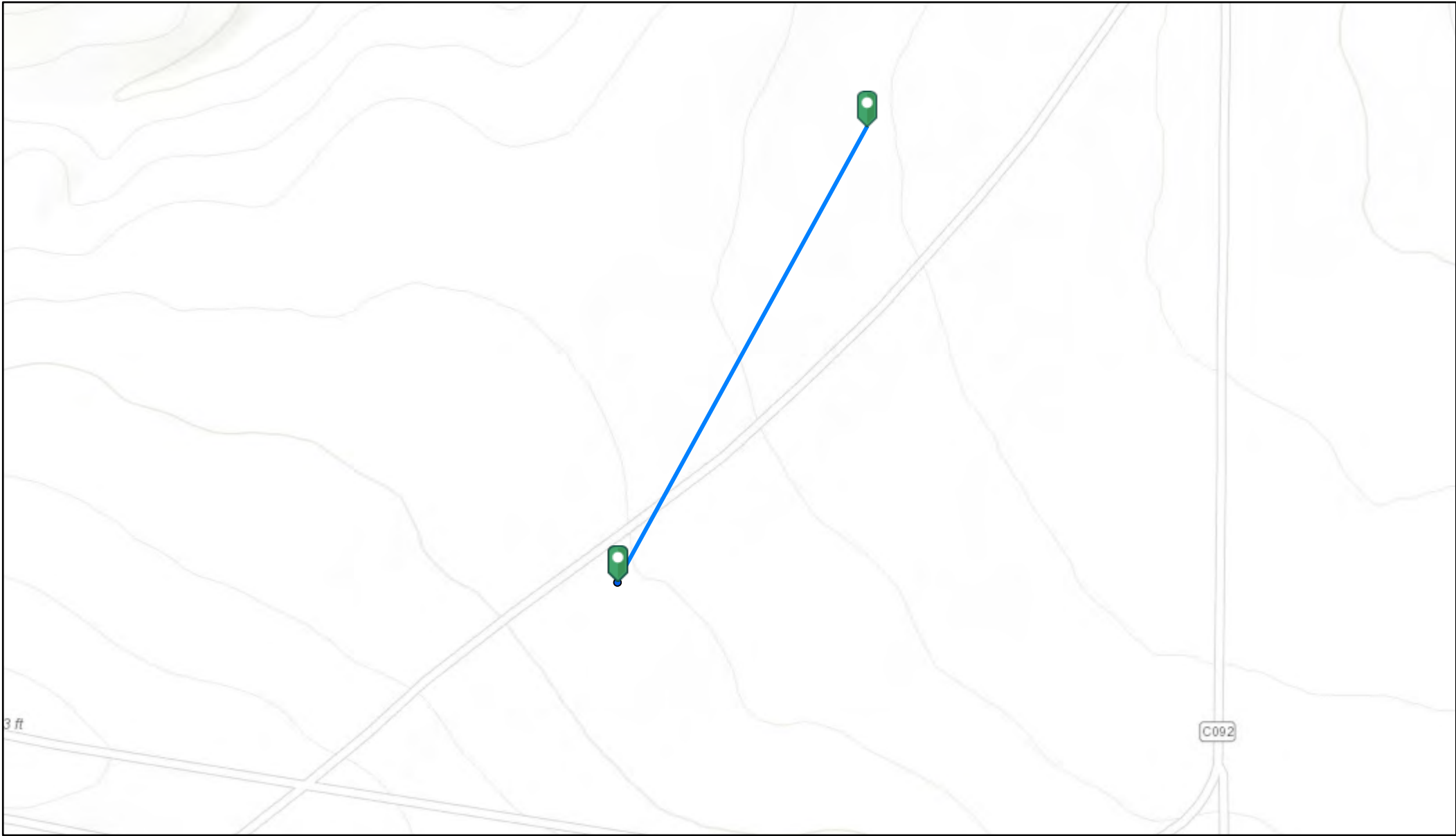
OutputFile

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300ft

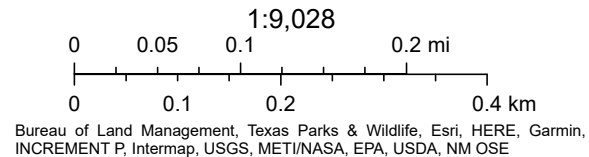
-103.205 35.792 Degrees

OXY, BRAVO DOME 1835 151G LEG7 (12/23/20) 0.45 MILES OR 2.373.1 TO WATER POD

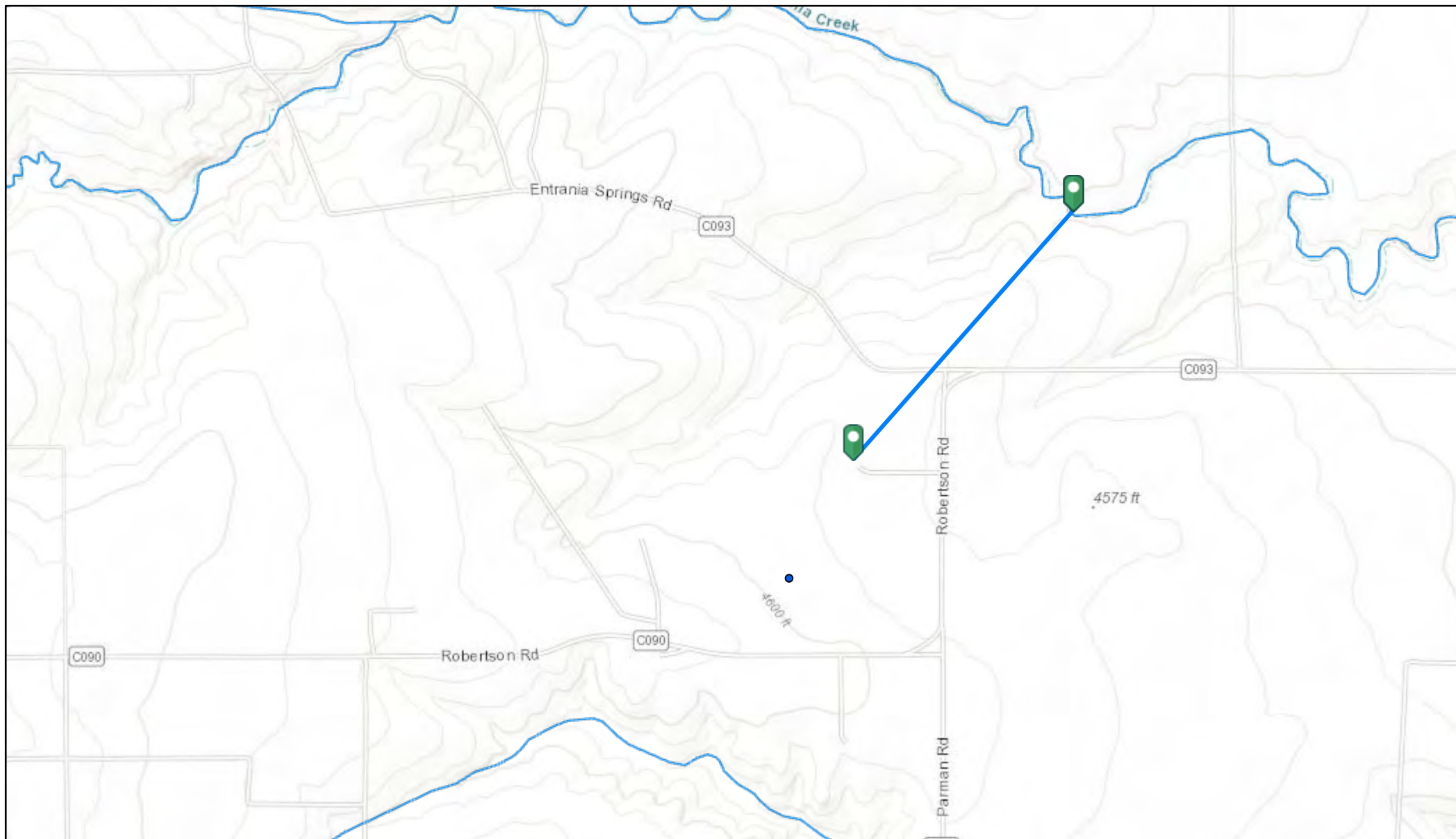


11/20/2024, 9:14:33 AM

• OSE Water PODs

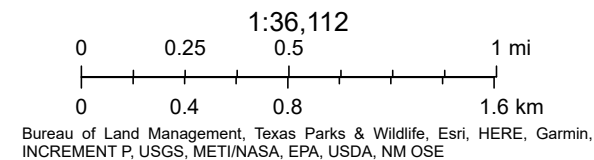


OXY, BRAVO DOME 1835 151G LEG7 (12/23/20) 6,062.2 FEET OR 1.15 MILES TO H2O



11/20/2024, 9:08:02 AM

- OSE Water PODs
- OSE Streams





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

Received

DEC 17 2023

Office of the State Engineer
District VII Cimarron Office

TWF

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CT-2497 POD1		WELL TAG ID NO. 70338		OSE FILE NO(S). CT-2497 POD1			
	WELL OWNER NAME(S) Marjorie Jo Banta				PHONE (OPTIONAL) 512-412-9989			
	WELL OWNER MAILING ADDRESS 3411 Paramount Blvd				CITY Amarillo	STATE TX		
					ZIP 79109			
2. DRILLING & CASING INFORMATION	WELL LOCATION (FROM GPS)	DEGREES 35	MINUTES 47	SECONDS 15.23	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LATITUDE		N				
		LONGITUDE	-103	12	22.32	W		
					* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Section 15 Township 18 Range 35, Union County SE 1/4, SE 1/4, NE 1/4 SW 1/4 SECTION 15, TOWNSHIP 18 NORTH Range 35 EAST, N.M.P.M.								
3. ANNULAR MATERIAL	LICENSE NO. WD-1831		NAME OF LICENSED DRILLER Raymond Teeter			NAME OF WELL DRILLING COMPANY 3T Drilling, Inc.		
	DRILLING STARTED 09/21/2023		DRILLING ENDED 09/21/2023	DEPTH OF COMPLETED WELL (FT) 275	BORE HOLE DEPTH (FT) 275	DEPTH WATER FIRST ENCOUNTERED (FT) 224		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 224	DATE STATIC MEASURED 09/21/2023		
	DRILLING FLUID: ☐ AIR ☒ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☒		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	
	FROM	TO						
		0	30	12.25	PVC SDR 21	6-1/8	5	.0375
		30	205	10	PVC SDR 21	6-1/8	5	.0375
		205	265	10	PVC SDR 21 - PERF	6-1/8	5	.0375
	265	275	10	PVC SDR 21	6-1/8	5	.0375	
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE RANGE BY INTERVAL		AMOUNT (cubic feet)	METHOD OF PLACEMENT	
	FROM	TO		*(if using Centralizers for Artesian wells- indicate the spacing below)				
		0	30	12.25	Cement	21	Topfill	
		30	275	10	Gravel # 1 Fine KS	100	Topfill	

FOR OSE INTERNAL USE **Livestock**

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. CT-2497 POD1	POD NO. POD1	TRN NO. 751111
LOCATION 18N 35E 15.2244	WELL TAG ID NO. 70338	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl)			THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES <i>(attach supplemental sheets to fully describe all units)</i>	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
0	40	40	Topsoil Dirt w/Caliche	Y ✓ N		
40	60	20	Fine Sand	Y ✓ N		
60	140	80	Med Sand w/Fine Sand Strip	Y ✓ N		
140	180	40	Fine Sand	Y ✓ N		
180	200	20	Fine Sand Strip w/Gravel	Y ✓ N	0.00	
200	240	40	Fine Sand w/Brown Sandy Clay	✓ Y N	12.00	
240	260	20	Brown Clay w/Light Brown Clay Strip	Y ✓ N		
260	275	15	Gray Clay Strip w/Red Clay	Y ✓ N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:				TOTAL ESTIMATED WELL YIELD (gpm): 12		
☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER – SPECIFY:						
WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.					
MISCELLANEOUS INFORMATION:						
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Ronald Ashbaugh						
THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:						
SIGNATURE OF DRILLER / PRINT SIGNEE NAME Raymond Teeter DATE 09/22/2023						

FOR OSE INTERNAL USE

LIVESTOCK

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. CT-2497 P001

POD NO. POD 1

TRN NO. 751117

LOCATION 18N 35E 15 32 44

WELL TAG ID NO. 70338

PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer



Cimarron Office
PO BOX 481
CIMARRON, NM 87714

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 751111
File Nbr: CT 02497
Well File Nbr: CT 02497 POD1

Oct. 31, 2023

MARJORIE JO BANTA
3411 PARAAMOUNT BLVD.
AMARILLO, TX 79109

Greetings:

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

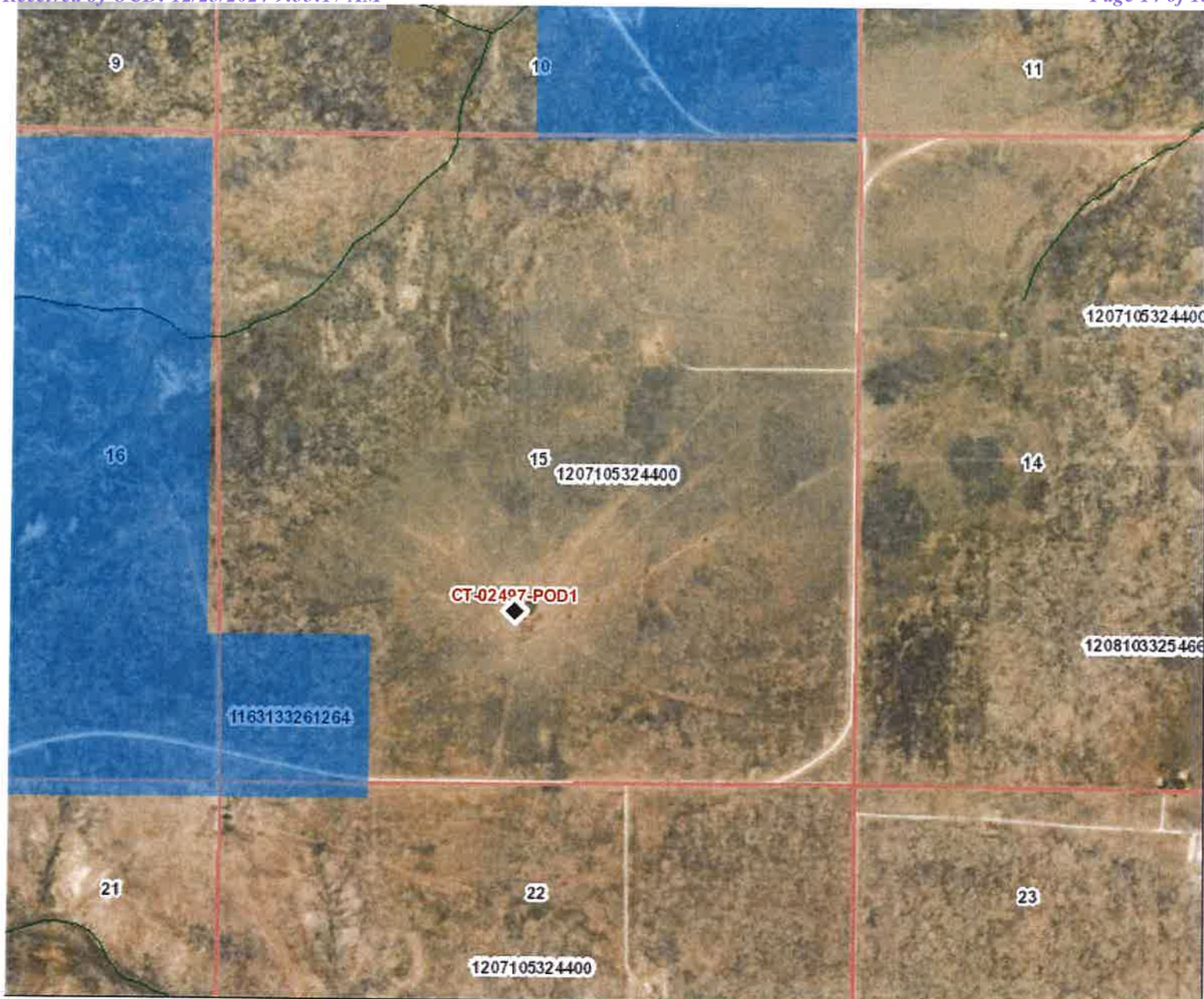
Sincerely,

A handwritten signature in black ink that reads "Katherine Behrendsen".

Katherine Behrendsen
(575) 376-2410

Enclosure

wellrrcv

**Coordinates****UTM - NAD 83 (m) - Zone 13**

Easting 662112.709

Northing 3961870.227

State Plane - NAD 83 (f) - Zone E

Easting 875628.295

Northing 1743875.327

Degrees Minutes Seconds

Latitude 35 : 47 : 15.230000

Longitude -103 : 12 : 22.320000

Location pulled from Coordinate Search

NEW MEXICO OFFICE
OF THE
STATE ENGINEER

1:18,056

**Image Info**

Source: Maxar

Date: 9/7/2021

Resolution (m): 0.5

Accuracy (m): 5

Spatial Information

Land Grant: Not in Land Grant

OSE Administrative Area: Union

County: Union

Groundwater Basin: Clayton

Sub-Basin: Punta de Agua

Abstract Area:

Clayton

Regulation Area:

Eastern Portion of the Clayton CMA

PLSS Description

SESENESEW Qtr of Sec 15 of 018N 035E

Derived from CALHESSEI Qtr Sec 15 Highway map
and added with the only available information.

POD Information

Owner: Marjorie Jo Banta

File Number: CT-2497

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose: Livestock

JT

10/19/2023

**Coord Search Location****GIS WATERS****POD s****Pending****OSE District****Boundary****New Mexico State****Trust Lands****Both Estates****NHD Flowlines****Artificial Path**
☐ Bernalillo County Parcels 2023

☐ Calron County Parcels 2023

☐ Chaves County Parcels 2023

☐ Cibola County Parcels 2023

☐ Colfax County Parcels 2023

☐ Curry County Parcels 2023

☐ De Baca County Parcels 2023

☐ Doña Ana County Parcels 2023

☐ Eddy County Parcels 2023

☐ Grant County Parcels 2023

☐ Guadalupe County Parcels 2023

☐ Harding County

☐ Hidalgo County Parcel 2023

☐ Lea County Parcels 2023

☐ Lincoln County Parcels 2023

☐ Los Alamos County Parcels 2023

☐ Luna County Parcels 2023

☐ McKinley County Parcels 2023

☐ Mora County Parcels 2023

☐ Otero County Parcels 2023

☐ Quay County Parcels 2023

☐ Rio Arriba County Parcels 2023

☐ Roosevelt County Parcels 2023

☐ Sandoval County Parcels 2023

☐ San Juan County Parcels 2023

☐ San Miguel County Parcels 2023

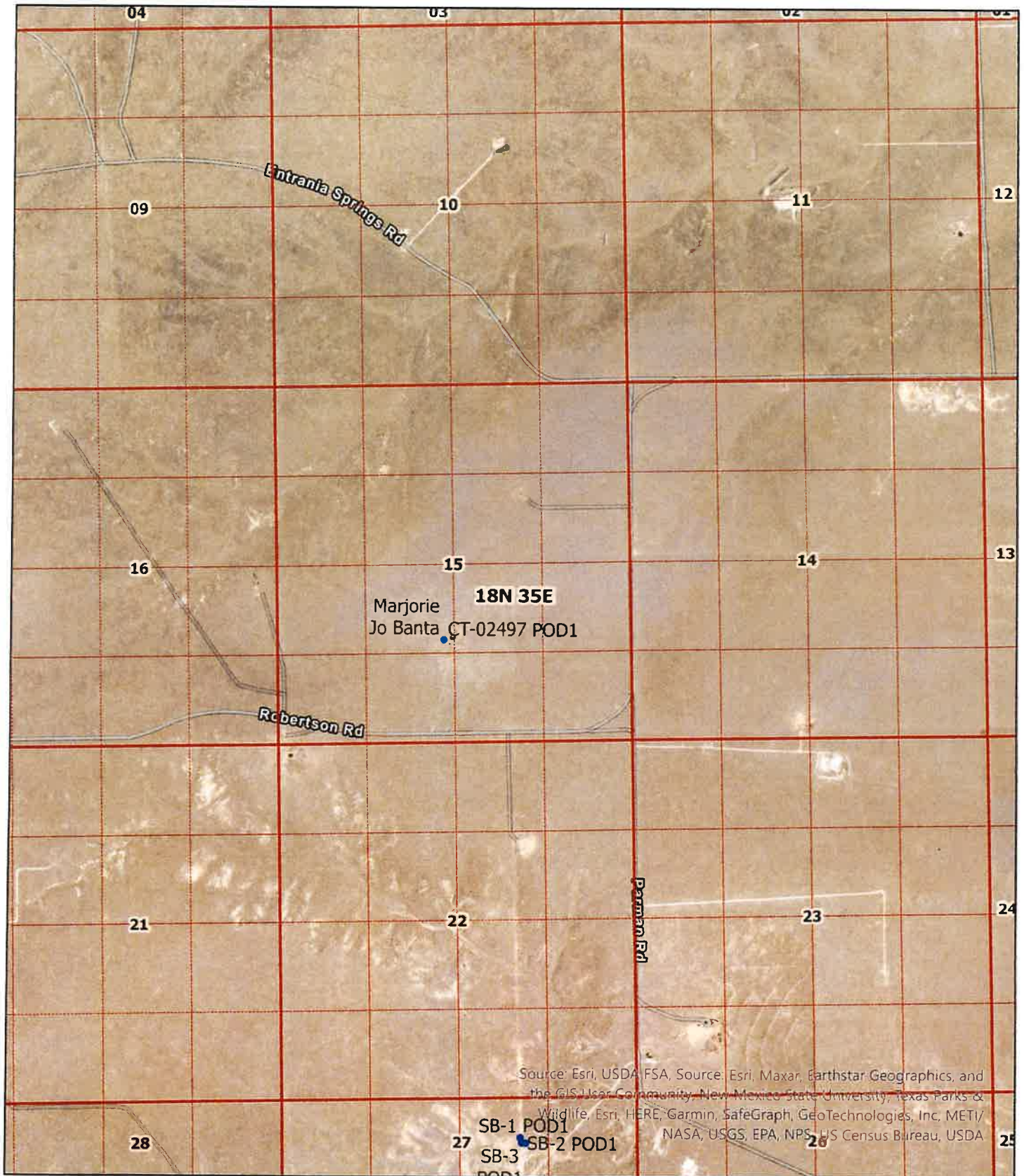
☐ Santa Fe County Parcels 2023

☐ Sierra County Parcels 2023

CT-02497 POD1

Clayton Basin

Marjorie Jo Banta



0 0.2 0.4 0.8 Miles



1:24,000



OXY, BRAVO DOME 1835 151G LEG 7 (12/23/20)





OXY, BRAVO DOME 1835 151G LEG 7 (12/23/20)





OXY, BRAVO DOME 1835 151G LEG 7 (12/23/20)





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OXY, BRAVO DOME 1835 151G LEG 7 (12/23/20)



OXY, BRAVO DOME 1835 151G LEG 7 (12/23/20)





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

October 16, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BRAVO DOME 1835 151G LEG 7

Enclosed are the results of analyses for samples received by the laboratory on 10/12/23 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H235592-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.98	98.8	2.00	0.173	
Toluene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.724	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.11	106	2.00	1.48	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.37	106	6.00	2.01	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	10/13/2023	ND	416	104	400	3.77	

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 65.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 2 @ 1' (H235592-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.98	98.8	2.00	0.173		
Toluene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.724		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.11	106	2.00	1.48		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.37	106	6.00	2.01		
Total BTEx	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 66.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H235592-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.98	98.8	2.00	0.173		
Toluene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.724		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.11	106	2.00	1.48		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.37	106	6.00	2.01		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H235592-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.98	98.8	2.00	0.173		
Toluene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.724		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.11	106	2.00	1.48		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.37	106	6.00	2.01		
Total BTEx	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 59.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H235592-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.98	98.8	2.00	0.173		
Toluene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.724		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.11	106	2.00	1.48		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.37	106	6.00	2.01		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H235592-06)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 66.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.5 % 49.1-148

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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:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H235592-07)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 49.1-148

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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:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H235592-08)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Analytical Results For:

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

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 9 @ 1' (H235592-09)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTEX	<0.300	0.300	10/13/2023	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	16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.1 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H235592-10)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H235592-11)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.6 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H235592-12)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.0 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H235592-13)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H235592-14)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H235592-15)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTX	<0.300	0.300	10/13/2023	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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.3 % 49.1-148

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Analytical Results For:

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 P.O. Box 805
 Hobbs NM, 88241
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Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H235592-16)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.6 % 49.1-148

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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:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 17 @ 2' (H235592-17)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Analytical Results For:

BBC International, Inc.
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 18 @ 2' (H235592-18)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTX	<0.300	0.300	10/13/2023	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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 19 @ 2' (H235592-19)

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	10/13/2023	ND	1.94	97.0	2.00	5.31		
Toluene*	<0.050	0.050	10/13/2023	ND	1.96	98.2	2.00	3.59		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	3.46		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.03	101	6.00	4.54		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 20 @ 2' (H235592-20)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	179	89.3	200	4.23	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	164	82.0	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Analytical Results For:

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Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 21 @ 2' (H235592-21)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456	
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 22 @ 2' (H235592-22)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Analytical Results For:

BBC International, Inc.
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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 23 @ 2' (H235592-23)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 24 @ 2' (H235592-24)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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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: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 25 @ 2' (H235592-25)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEx	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	10/13/2023	ND	416	104	400	3.77	

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 26 @ 2' (H235592-26)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456	
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 27 @ 2' (H235592-27)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456	
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 28 @ 2' (H235592-28)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456	
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 29 @ 3' (H235592-29)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 30 @ 3' (H235592-30)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612		
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 31 @ 3' (H235592-31)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Analytical Results For:

BBC International, Inc.
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 32 @ 3' (H235592-32)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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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:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 33 @ 3' (H235592-33)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	2.05	103	2.00	0.456		
Toluene*	<0.050	0.050	10/13/2023	ND	1.98	99.1	2.00	0.259		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.00	100	2.00	0.783		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.89	98.2	6.00	0.691		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612		
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND						

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/03/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 34 @ 3' (H235592-34)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Analytical Results For:

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

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 35 @ 3' (H235592-35)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 36 @ 3' (H235592-36)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEx	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 37 @ 3' (H235592-37)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 38 @ 3' (H235592-38)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEx	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Analytical Results For:

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

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 39 @ 3' (H235592-39)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 40 @ 3' (H235592-40)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEx	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	183	91.3	200	0.612	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	182	91.0	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 41 @ 3' (H235592-41)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 42 @ 3' (H235592-42)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368		
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12		
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND						

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 43 @ 3' (H235592-43)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 44 @ 3' (H235592-44)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEx	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 45 @ 3' (H235592-45)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEX	<0.300	0.300	10/13/2023	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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 46 @ 3' (H235592-46)

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	10/13/2023	ND	1.91	95.3	2.00	1.14		
Toluene*	<0.050	0.050	10/13/2023	ND	1.85	92.5	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.92	96.2	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.67	94.5	6.00	0.949		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 47 @ 3' (H235592-47)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548	
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Analytical Results For:

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Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 48 @ 3' (H235592-48)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 49 @ 3' (H235592-49)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 50 @ 3' (H235592-50)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548	
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30	
Total BTX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	10/13/2023	ND	416	104	400	3.77	

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 51 @ 3' (H235592-51)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548	
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 52 @ 3' (H235592-52)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	10/13/2023	ND	416	104	400	3.77		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 53 @ 3' (H235592-53)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548	
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 54 @ 3' (H235592-54)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 55 @ 3' (H235592-55)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548	
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 56 @ 3' (H235592-56)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 57 @ 3' (H235592-57)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548	
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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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:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 58 @ 4' (H235592-58)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 59 @ 4' (H235592-59)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Analytical Results For:

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

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 60 @ 4' (H235592-60)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	176	88.2	200	0.368	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	187	93.5	200	3.12	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 61 @ 4' (H235592-61)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 62 @ 4' (H235592-62)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548	
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 63 @ 4' (H235592-63)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 64 @ 4' (H235592-64)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548	
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 65.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.0 % 49.1-148

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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
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Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 65 @ 4' (H235592-65)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.3 % 49.1-148

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 66 @ 4' (H235592-66)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.95	97.3	2.00	0.548		
Toluene*	<0.050	0.050	10/13/2023	ND	1.90	94.9	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	1.91	95.5	2.00	3.32		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	5.59	93.2	6.00	2.30		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 67 @ 4' (H235592-67)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35	
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 68.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 49.1-148

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Analytical Results For:

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Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 68 @ 4' (H235592-68)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 69 @ 4' (H235592-69)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 58.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.8 % 49.1-148

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Analytical Results For:

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Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 70 @ 4' (H235592-70)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 69.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 71 @ 4' (H235592-71)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35	
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9	

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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Analytical Results For:

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Received:	10/12/2023	Sampling Date:	10/04/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 72 @ 4' (H235592-72)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	10/13/2023	ND	416	104	400	10.9		

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	10/13/2023	ND	185	92.6	200	3.43	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	178	89.0	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 65.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.4 % 49.1-148

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Analytical Results For:

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Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 1 (H235592-73)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35	
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	16.0	16.0	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 2 (H235592-74)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35	
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 3 (H235592-75)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35	
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 4 (H235592-76)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 5 (H235592-77)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35	
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96	
Total BTX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 6 (H235592-78)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 7 (H235592-79)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 8 (H235592-80)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 9 (H235592-81)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35	
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96	
Total BTX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 10 (H235592-82)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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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:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 11 (H235592-83)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 12 (H235592-84)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35	
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04	
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96	
Total BTEX	<0.300	0.300	10/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	10/13/2023	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	10/13/2023	ND	185	92.4	200	0.728	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	169	84.4	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/12/2023
 Reported: 10/16/2023
 Project Name: BRAVO DOME 1835 151G LEG 7
 Project Number: (12-23-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 13 (H235592-85)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	10/13/2023	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	10/13/2023	ND	195	97.7	200	5.02	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	205	102	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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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:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 14 (H235592-86)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2023	ND	1.93	96.7	2.00	1.35		
Toluene*	<0.050	0.050	10/13/2023	ND	2.01	101	2.00	1.43		
Ethylbenzene*	<0.050	0.050	10/13/2023	ND	2.03	101	2.00	2.04		
Total Xylenes*	<0.150	0.150	10/13/2023	ND	6.06	101	6.00	2.96		
Total BTEX	<0.300	0.300	10/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	195	97.7	200	5.02	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	205	102	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 15 (H235592-87)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2023	ND	1.90	94.9	2.00	1.76		
Toluene*	<0.050	0.050	10/14/2023	ND	1.96	98.1	2.00	1.90		
Ethylbenzene*	<0.050	0.050	10/14/2023	ND	1.97	98.7	2.00	2.62		
Total Xylenes*	<0.150	0.150	10/14/2023	ND	5.87	97.9	6.00	3.05		
Total BTEx	<0.300	0.300	10/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	195	97.7	200	5.02	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	205	102	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 16 (H235592-88)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2023	ND	1.90	94.9	2.00	1.76		
Toluene*	<0.050	0.050	10/14/2023	ND	1.96	98.1	2.00	1.90		
Ethylbenzene*	<0.050	0.050	10/14/2023	ND	1.97	98.7	2.00	2.62		
Total Xylenes*	<0.150	0.150	10/14/2023	ND	5.87	97.9	6.00	3.05		
Total BTEX	<0.300	0.300	10/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	10/13/2023	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	10/13/2023	ND	195	97.7	200	5.02	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	205	102	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/12/2023	Sampling Date:	10/05/2023
Reported:	10/16/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151G LEG 7	Sampling Condition:	Cool & Intact
Project Number:	(12-23-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 17 (H235592-89)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2023	ND	1.90	94.9	2.00	1.76	
Toluene*	<0.050	0.050	10/14/2023	ND	1.96	98.1	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/14/2023	ND	1.97	98.7	2.00	2.62	
Total Xylenes*	<0.150	0.150	10/14/2023	ND	5.87	97.9	6.00	3.05	
Total BTEX	<0.300	0.300	10/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	16.0	16.0	10/13/2023	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	10/13/2023	ND	195	97.7	200	5.02	
DRO >C10-C28*	<10.0	10.0	10/13/2023	ND	205	102	200	6.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2023	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

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

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. 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 Owner: Oxy Project Name: BRAVO DOME 1835 151G LEG 7 (12/23/20) Project Location: New Mexico Sampler Name: SIMON RENDON				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST																	
FOR LAB USE ONLY																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME											
H235592																									
1	BOTTOM SAMPLE 1@1'												10/3/23	9:25AM	✓	✓	✓								
2	BOTTOM SAMPLE 2@1'												10/3/23	9:39AM	✓	✓	✓								
3	BOTTOM SAMPLE 3@1'												10/3/23	9:52AM	✓	✓	✓								
4	BOTTOM SAMPLE 4@1'												10/3/23	10:10AM	✓	✓	✓								
5	BOTTOM SAMPLE 5@1'												10/3/23	10:19AM	✓	✓	✓								
6	BOTTOM SAMPLE 6@1'												10/3/23	10:31AM	✓	✓	✓								
7	BOTTOM SAMPLE 7@1'												10/3/23	10:44AM	✓	✓	✓								
8	BOTTOM SAMPLE 8@1'												10/3/23	10:56AM	✓	✓	✓								
9	BOTTOM SAMPLE 9@1'												10/3/23	11:12AM	✓	✓	✓								
10	BOTTOM SAMPLE 10@1'												10/3/23	11:24AM	✓	✓	✓								

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

Relinquished By: Fabian Fdz		Date: 10-12-23	Received By: [Signature]	Phone Result: ☐ Yes ☒ No	Add'l Phone #:
Relinquished By:		Date: 10/6/20	Received By:	Fax Result: ☐ Yes ☒ No	Add'l Fax #:
Delivered By: (Circle One)		Date:	Time:	REMARKS: 48 hr Resub	
Sampler - UPS - Bus - Other: -11.0°		#140		Sample Condition: Cool Intact	CHECKED BY: (Initials)
				☒ Yes ☐ No	☒ Yes ☐ No

† Cardinal cannot accept verbal changes. Please fax written changes to 800-333-3333.

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ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: BRAVO DOME 1835 151G LEG 7 (12/23/20) Project Location: New Mexico Sampler Name: SIMON RENDON				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST														
FOR LAB USE ONLY Lab I.D. H235592		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS 6	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	MATRIX ACID/BASE: ICE / COOL OTHER:	PRESERV. DATE TIME	ON GRADE BLEND TPHEX												
11		BOTTOM SAMPLE 11@1'		6				10/3/23	11:37AM	✓	✓	✓								
12		BOTTOM SAMPLE 12@1'						10/3/23	11:51AM	✓	✓	✓								
13		BOTTOM SAMPLE 13@1'						10/3/23	12:06PM	✓	✓	✓								
14		BOTTOM SAMPLE 14@1'						10/3/23	12:45PM	✓	✓	✓								
15		BOTTOM SAMPLE 15@1'						10/3/23	12:57PM	✓	✓	✓								
16		BOTTOM SAMPLE 16@1'						10/3/23	1:10PM	✓	✓	✓								
17		BOTTOM SAMPLE 17@2'						10/3/23	1:21PM	✓	✓	✓								
18		BOTTOM SAMPLE 18@2'						10/3/23	1:33PM	✓	✓	✓								
19		BOTTOM SAMPLE 19@2'						10/3/23	1:46PM	✓	✓	✓								
20		BOTTOM SAMPLE 20@2'						10/3/23	1:58PM	✓	✓	✓								

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Relinquished By: Fabian Fdz Date: 10-12-23 Time: 1620	Received By: [Signature] Date: Time:	Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No REMARKS: 48 hr Rush
Relinquished By: [Signature] Date: Time:	Received By: [Signature] Date: Time:	Delivered By: (Circle One) Sampler - UPS - Bus - Other: -11.00
Sample Condition: Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No		CHECKED BY: (Initials) [Signature]

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CARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 Owner: Oxy Project Name: BRAVO DOME 1835 151G LEG 7 (12/23/20) Project Location: New Mexico Sampler Name: SIMON RENDON				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST															
FOR LAB USE ONLY Lab I.D. H235592 Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				PRESERV. ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME		Chloride BTEX TPHEX									
31		6		✓				✓		10/3/23 4:15PM		✓									
32		1		✓				✓		10/3/23 4:31PM		✓									
33										10/3/23 4:43PM											
34										10/3/23 4:57PM											
35										10/3/23 5:10PM											
36										10/4/23 8:45AM											
37										10/4/23 9:02AM											
38										10/4/23 9:14AM											
39										10/4/23 9:26AM											
40										10/4/23 9:38AM											

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Relinquished By: Fabian Edz Date: 10-12-23 Time: 11:20		Received By: [Signature] Date: 11-08 Time:		Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #: REMARKS: 49 hr rush	
Relinquished By: Date: Time:		Received By: Date: Time:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 11:08 #140		Sample Condition Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No		CHECKED BY: (Initials) J.O.	

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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:				Chloride BTEX TPH/EXT											
Address: P.O. Box 805				Company: Oxy															
City: Hobbs State: NM Zip: 88241				Attn:															
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:															
Project #: Project Owner: Oxy				City:															
Project Name: BRAVO DOME 1835 151G LEG 7 (12/23/20)				State: Zip:															
Project Location: New Mexico				Phone #:															
Sampler Name: SIMON RENDON				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		GRAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING									
						GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER		ACID/BASE: ICE / COOL OTHER		DATE TIME									
H235592				61						10/4/23 9:51AM									
41		BOTTOM SAMPLE 41@3'								10/4/23 10:04AM									
42		BOTTOM SAMPLE 42@3'								10/4/23 10:17AM									
43		BOTTOM SAMPLE 43@3'								10/4/23 10:30AM									
44		BOTTOM SAMPLE 44@3'								10/4/23 10:42AM									
45		BOTTOM SAMPLE 45@3'								10/4/23 10:54AM									
46		BOTTOM SAMPLE 46@3'								10/4/23 11:10AM									
47		BOTTOM SAMPLE 47@3'								10/4/23 11:19AM									
48		BOTTOM SAMPLE 48@3'								10/4/23 11:30AM									
59		BOTTOM SAMPLE 49@3'								10/4/23 11:42AM									
50		BOTTOM SAMPLE 50@3'																	

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Relinquished By: Felbrian Felz		Date: 10-12-23	Received By: [Signature]		Phone Result: ☐ Yes ☐ No	Add'l Phone #:
Relinquished By:		Date:	Received By:		Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Delivered By: (Circle One)				REMARKS: 478 m fresh		
Sampler - UPS - Bus - Other: -11.0c		Sample Condition		CHECKED BY: (Initials)		
		Cool Intact				
		☐ Yes ☒ No				

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 Owner: Oxy Project Name: BRAVO DOME 1835 151G LEG 7 (12/23/20) Project Location: New Mexico Sampler Name: SIMON RENDON				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST															
FOR LAB USE ONLY Lab I.D. Sample I.D.				MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV. ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME		Chloride BTEX TPH/EXT											
51 BOTTOM SAMPLE 51@3' 52 BOTTOM SAMPLE 52@3' 53 BOTTOM SAMPLE 53@3' 54 BOTTOM SAMPLE 54@3' 55 BOTTOM SAMPLE 55@3' 56 BOTTOM SAMPLE 56@3' 57 BOTTOM SAMPLE 57@3' 58 BOTTOM SAMPLE 58@4' 59 BOTTOM SAMPLE 59@4' 60 BOTTOM SAMPLE 60@4'				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME		10/4/23 11:54AM 10/4/23 12:44PM 10/4/23 12:57PM 10/4/23 1:10PM 10/4/23 1:19PM 10/4/23 1:31PM 10/4/23 1:45PM 10/4/23 1:58PM 10/4/23 2:12PM 10/4/23 2:24PM											

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Relinquished By: Fabian Fd 2 Date: 10-12-23 Time: 7:00		Received By: [Signature] Date: 10-12-23 Time: 7:00		Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No Add'l Phone #: Add'l Fax #:	
Relinquished By:		Received By:		REMARKS: 48hr Rush	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -11.0°C #140		Sample Condition Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No		CHECKED BY: (Initials) T.O.	

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101 East Marland, Hobbs, NM 88240

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 Owner: Oxy Project Name: BRAVO DOME 1835 151G LEG 7 (12/23/20) Project Location: New Mexico Sampler Name: SIMON RENDON				BILL TO				ANALYSIS REQUEST											
				P.O. #:		<i>Chloride</i> <i>BTEX</i> <i>TPHEX</i>													
				Company: Oxy															
				Attn:															
				Address:															
				City:															
				State: Zip:															
				Phone #: Fax #:															

FOR LAB USE ONLY	Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING																		
			(Q)RAB OR (C)OMP.	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME																	
	H235592																							
	61	BOTTOM SAMPLE 61@4'	6			10/4/23	2:37PM	✓	✓	✓														
	62	BOTTOM SAMPLE 62@4'				10/4/23	2:51PM	✓	✓	✓														
	63	BOTTOM SAMPLE 63@4'				10/4/23	3:10PM	✓	✓	✓														
	64	BOTTOM SAMPLE 64@4'				10/4/23	3:22PM	✓	✓	✓														
	65	BOTTOM SAMPLE 65@4'				10/4/23	3:34PM	✓	✓	✓														
	66	BOTTOM SAMPLE 66@4'				10/4/23	3:45PM	✓	✓	✓														
	67	BOTTOM SAMPLE 67@4'				10/4/23	3:57PM	✓	✓	✓														
	68	BOTTOM SAMPLE 68@4'				10/4/23	4:08PM	✓	✓	✓														
	69	BOTTOM SAMPLE 69@4'				10/4/23	4:19PM	✓	✓	✓														
	70	BOTTOM SAMPLE 70 @4'				10/4/23	4:32PM	✓	✓	✓														

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Relinquished By: Fabian Fdz	Date: 10-12-23	Received By: [Signature]	Time: 7620	Phone Result: ☐ Yes ☒ No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Time:	Fax Result: ☐ Yes ☒ No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: - 11.0c				REMARKS:	
				48m rush	

Sample Condition Cool Intact ☒ Yes ☐ No ☐ Yes ☒ No	CHECKED BY: (Initials)	
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101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: BRAVO DOME 1835 151G LEG 7 (12/23/20) Project Location: New Mexico Sampler Name: SIMON RENDON				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST													
FOR LAB USE ONLY Lab I.D. Sample I.D.				MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV. ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME		Chloride BTEX TP+EXT									
4235592 71 BOTTOM SAMPLE 71@4' 72 BOTTOM SAMPLE 72@4' 73 SIDEWALL 1 74 SIDEWALL 2 75 SIDEWALL 3 76 SIDEWALL 4 77 SIDEWALL 5 78 SIDEWALL 6 79 SIDEWALL 7 80 SIDEWALL 8				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME		10/4/23 4:46PM 10/4/23 5:04PM 10/5/23 8:30AM 10/5/23 8:41AM 10/5/23 8:53AM 10/5/23 9:04AM 10/5/23 9:16AM 10/5/23 9:28AM 10/5/23 9:40AM 10/5/23 9:57AM									

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Relinquished By: Fabian Fdz Date: 10-12-23 Time: 1620		Received By: [Signature] Date: Time:		Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #: REMARKS: 418 hr 12/23/20	
Relinquished By: [Signature] Date: Time:		Received By: [Signature] Date: Time:		Delivered By: (Circle One) Sampler - UPS - Bus - Other: - 11.0c #140	
Sample Condition Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No		CHECKED BY: (Initials) [Signature]		[Signature]	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 Owner: Oxy Project Name: BRAVO DOME 1835 151G LEG 7 (12/23/20) Project Location: New Mexico Sampler Name: SIMON RENDON				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST											
FOR LAB USE ONLY Lab I.D. Sample I.D.				MATRIX (GRAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		PRESERV. DATE TIME		Chloride BTEX TPH/EXT									
H235592 81 SIDEWALL 9 82 SIDEWALL 10 83 SIDEWALL 11 84 SIDEWALL 12 85 SIDEWALL 13 86 SIDEWALL 14 87 SIDEWALL 15 88 SIDEWALL 16 89 SIDEWALL 17																	

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Relinquished By: <i>Felipe Fdez</i> Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>- 11.0c</i>		Date: 10-12-23 Time: 1620 Date: Time:		Received By: <i>Amara Aldrete</i> Received By: Sample Condition Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No		Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #: REMARKS: <i>28m mesh</i>	
---	--	--	--	---	--	--	--

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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 414666

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 414666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2103557478
Incident Name	NAPP2103557478 BRAVO DOME 1835 151G LEG 7 @ 30-059-20251
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-059-20251] BRAVO DOME CARBON DIOXIDE GAS UNIT #151

Location of Release Source*Please answer all the questions in this group.*

Site Name	BRAVO DOME 1835 151G LEG 7
Date Release Discovered	12/23/2020
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: Corrosion Flow Line - Production Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 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 414666

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 414666
	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	Unavailable.
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.	

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	Not answered.

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: 12/23/2024
--	---

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General Information
Phone: (505) 629-6116

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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 414666

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	414666
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

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.

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	NM OSE iWaters Database Search
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 1 and 5 (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 ½ and 1 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (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

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.

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

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.

On what estimated date will the remediation commence	09/05/2023
On what date will (or did) the final sampling or liner inspection occur	10/05/2023
On what date will (or was) the remediation complete(d)	10/15/2024
What is the estimated surface area (in square feet) that will be reclaimed	12756
What is the estimated volume (in cubic yards) that will be reclaimed	1440
What is the estimated surface area (in square feet) that will be remediated	12756
What is the estimated volume (in cubic yards) that will be remediated	1440

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.

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.

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QUESTIONS, Page 4

Action 414666

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	414666
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:	
<i>(Select all answers below that apply.)</i>	
(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: 12/23/2024
<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>	

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QUESTIONS, Page 5

Action 414666

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 414666
	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

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QUESTIONS, Page 6

Action 414666

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 414666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	405164
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/05/2023
What was the (estimated) number of samples that were to be gathered	89
What was the sampling surface area in square feet	12756

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	12756
What was the total volume (cubic yards) remediated	1440
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	12756
What was the total volume (in cubic yards) reclaimed	1440
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 in green shade was excavated to 1'. The leak area in orange shade was excavated to 2'. The leak area in pink shade was excavated to 3'. The leak area in blue shade was excavated to 4'. Oxy collected bottom and sidewall confirmation samples every 200 square feet. The site was backfilled with clean soil.
<i>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>	
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: 12/23/2024

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QUESTIONS, Page 7

Action 414666

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 414666
	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

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CONDITIONS

Action 414666

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 414666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	3/19/2025