

Closure Report

Site Description

Site Name:	Mitchell 21 Federal 1 CTB
Company:	Oxy
Legal Description:	U/L G, Section 21, T24S, R29E
County:	Eddy County, NM
GPS Coordinates:	N 32.20542 W -103.98647

Release Data

Date of Release:	6/24/2019
Type of Release:	Produced Water
Source of Release:	Corrosion of 4 inch poly line
Volume of Release:	310 bbls
Volume Recovered:	280 bbls

Remediation Specifications

Remediation Parameters:	Excavated the areas SP1-SP2 to a depth of 1 foot, a depth of 3 feet for SP3, a depth of 2 feet for SP4-SP5, and a depth of 4 feet for SP6.	
Remediation Activities:	1/22/20 - 2/14/20	
Plan Sent to OCD:	10/25/2019	
OCD Approval of Plan:	12/17/2019	Email from Robert Hamlet to Cliff Brunson
Plan Sent to BLM:	10/25/2019	Email from Cliff Brunson to James Amos
BLM Approval of Plan:	11/8/2019	Email from James Amos to Cliff Brunson

Supporting Documentation

Initial C-141	Signed and included	
C-141, page 6	Signed and included	
Site Diagram	6/26/2019	
Pictures	Remediation photos	
Lab Summary	Confirmation Lab 2/6/20	
Depth to Groundwater	USGS search results, Groundwater Trend Map	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

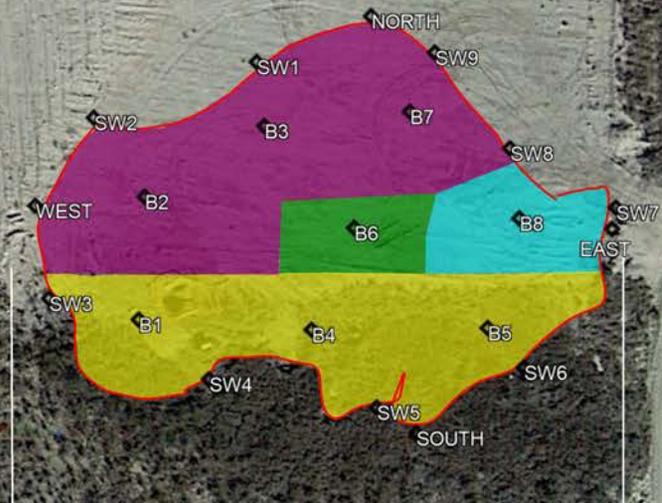
2/19/2020

Oxy, Mitchell 21 Federal 1 CTB

Leak Date: 6-24-19
 Eddy County, NM
 API: 30-015-28559
 2RP-5533

Legend

-  1 ft Excavation
-  2 ft Excavation
-  3 ft Excavation
-  4 ft Excavation
-  Buffer Zone
-  Confirmation Samples
-  Leak Area



Oxy, Mitchell 21 Federal 1 CTB
(6-24-19)

Confirmation Sample points

B1, N 32.20528 W -103.98650
B2, N 32.20543 W -103.98649
B3, N 32.20551 W -103.98633
B4, N 32.20527 W -103.98626
B5, N 32.20527 W -103.98602
B6, N 32.20539 W -103.98620
B7, N 32.20552 W -103.98613
B8, N 32.20540 W -103.98597
SW1, N 32.20558 W -103.98634
SW2, N 32.20552 W -103.98656
SW3, N 32.20531 W -103.98663
SW4, N 32.20521 W -103.98640
SW5, N 32.20518 W -103.98617
SW6, N 32.20523 W -103.98597
SW7, N 32.20541 W -103.98584
SW8, N 32.20548 W -103.98599
SW9, N 32.20559 W -103.98609
NORTH, N 32.20564 W-103.98618
EAST, N 32.20539 W-103.98585
WEST, N 32.20541 W-103.98664
SOUTH, N 32.20515 W-103.98612



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National Water Information System: Web Interface

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Data Category:	Geographic Area:	
Groundwater	New Mexico	GO

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321355104012001

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321355104012001 24S.29E.07.14444

Available data for this site

Eddy County, New Mexico

Hydrologic Unit Code --

Latitude 32°13'55", Longitude 104°01'20" NAD27

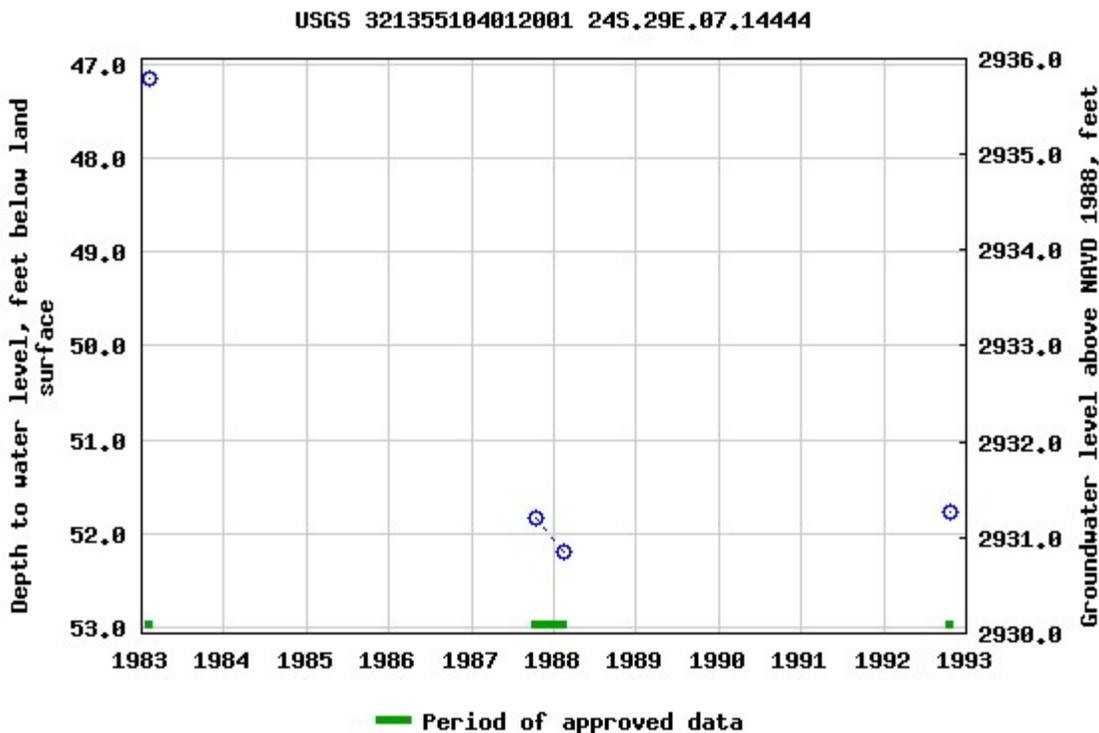
Land-surface elevation 2,983 feet above NAVD88

The depth of the well is 160 feet below land surface.

This well is completed in the Castile Formation (312CSTL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2019-07-23 11:10:54 EDT

0.92 0.87 nadww02





		Sample ID	B1
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		320
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		16.9
EXT DRO	TPH 8015M		<10.0

		Sample ID	B5
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		144
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	B2
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		224
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	B6
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		176
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	B3
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		32.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	B7
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		48.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	B4
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		240
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		62.0
EXT DRO	TPH 8015M		25.0

		Sample ID	B8
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		96.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SW1
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		32.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SW5
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		64.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SW9
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		96.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SW2
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		48.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SW6
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		48.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SW3
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		48.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SW7
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		48.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	SW4
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		368
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		28.8
EXT DRO	TPH 8015M		<10.0

		Sample ID	SW8
Analyte	Method	Date	2/6/20
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		48.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0



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

February 10, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MITCHELL 21 1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/07/20 9:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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".

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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: BOTTOM 1 (H000371-01)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48		
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62		
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86		
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80		
Total BTEX	<0.300	0.300	02/07/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29		
DRO >C10-C28*	16.9	10.0	02/07/2020	ND	180	90.2	200	17.5		
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND						

Surrogate: 1-Chlorooctane 76.8 % 41-142

Surrogate: 1-Chlorooctadecane 77.3 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: BOTTOM 2 (H000371-02)

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	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 88.2 % 41-142

Surrogate: 1-Chlorooctadecane 88.8 % 37.6-147

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: BOTTOM 3 (H000371-03)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 96.1 % 41-142

Surrogate: 1-Chlorooctadecane 100 % 37.6-147

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Received:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: BOTTOM 4 (H000371-04)

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	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	62.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	25.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 94.3 % 41-142

Surrogate: 1-Chlorooctadecane 97.9 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: BOTTOM 5 (H000371-05)

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	02/07/2020	ND	1.94	96.8	2.00	1.48		
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62		
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86		
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80		
Total BTEX	<0.300	0.300	02/07/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29		
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5		
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND						

Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: BOTTOM 6 (H000371-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 94.0 % 41-142

Surrogate: 1-Chlorooctadecane 95.3 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: BOTTOM 7 (H000371-07)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48		
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62		
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86		
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80		
Total BTEX	<0.300	0.300	02/07/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29		
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5		
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND						

Surrogate: 1-Chlorooctane 99.3 % 41-142

Surrogate: 1-Chlorooctadecane 99.9 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: BOTTOM 8 (H000371-08)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 95.7 % 41-142

Surrogate: 1-Chlorooctadecane 95.9 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SIDEWALL 1 (H000371-09)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 97.7 % 41-142

Surrogate: 1-Chlorooctadecane 98.7 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SIDEWALL 2 (H000371-10)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/07/2020	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 101 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SIDEWALL 3 (H000371-11)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/07/2020	ND	416	104	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 92.7 % 41-142

Surrogate: 1-Chlorooctadecane 94.1 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SIDEWALL 4 (H000371-12)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/07/2020	ND	416	104	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	28.8	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 95.0 % 41-142

Surrogate: 1-Chlorooctadecane 98.7 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SIDEWALL 5 (H000371-13)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/07/2020	ND	416	104	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 98.1 % 41-142

Surrogate: 1-Chlorooctadecane 99.4 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SIDEWALL 6 (H000371-14)

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	02/07/2020	ND	1.94	96.8	2.00	1.48		
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62		
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86		
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80		
Total BTEX	<0.300	0.300	02/07/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/07/2020	ND	416	104	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	02/07/2020	ND	209	104	200	3.29		
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5		
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND						

Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 103 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SIDEWALL 7 (H000371-15)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/07/2020	ND	416	104	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 88.1 % 41-142

Surrogate: 1-Chlorooctadecane 89.1 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SIDEWALL 8 (H000371-16)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/07/2020	ND	416	104	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 95.2 % 41-142

Surrogate: 1-Chlorooctadecane 98.5 % 37.6-147

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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:	02/07/2020	Sampling Date:	02/06/2020
Reported:	02/10/2020	Sampling Type:	Soil
Project Name:	MITCHELL 21 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SIDEWALL 9 (H000371-17)

BTEX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2020	ND	1.94	96.8	2.00	1.48	
Toluene*	<0.050	0.050	02/07/2020	ND	1.95	97.6	2.00	2.62	
Ethylbenzene*	<0.050	0.050	02/07/2020	ND	1.99	99.6	2.00	1.86	
Total Xylenes*	<0.150	0.150	02/07/2020	ND	5.89	98.2	6.00	1.80	
Total BTEX	<0.300	0.300	02/07/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/07/2020	ND	416	104	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	02/07/2020	ND	209	104	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/07/2020	ND	180	90.2	200	17.5	
EXT DRO >C28-C36	<10.0	10.0	02/07/2020	ND					

Surrogate: 1-Chlorooctane 89.3 % 41-142

Surrogate: 1-Chlorooctadecane 91.4 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- HDSP-1 Sample container had headspace. Results may be biased low.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

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

Incident ID	
District RP	2RP-5533
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OXY USA INC.	OGRID	16696
Contact Name	WADE DITTRICH	Contact Telephone	(575) 390-2828
Contact email	WADE_DITTRICH@OXY.COM	Incident # (assigned by OCD)	
Contact mailing address	PO BOX 4294; HOUSTON, TX 77210		

Location of Release Source

Latitude N 32.20542 Longitude W-103.98647
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	MITCHELL 21 FEDERAL 1 CTB	Site Type	BATTERY
Date Release Discovered	6/24/19	API# (if applicable)	30-015-28559

Unit Letter	Section	Township	Range	County
G	21	24S	29E	EDDY COUNTY, NM

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 310 BBLS	Volume Recovered (bbls) 280 BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

CORROSION OF 4 INCH POLY LINE

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	
District RP	2RP-5533
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? THE RELEASE IS GREATER THAN 25 BBLs
---------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
YES, BY WADE DITTRICH OF OXY TO MIKE BRATCHER, ROBERT HAMLET, AND VICTORIA VENEGAS OF NMOC AND JAMES AMOS OF THE BLM ON 6/26/19 @ 3:03 PM

Initial Response

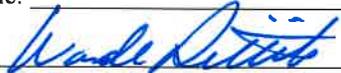
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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.

Printed Name: <u>Wade Dittrich</u>	Title: <u>Environmental Coordinator</u>
Signature: <u></u>	Date: <u>6-27-19</u>
email: <u>wade_dittrich@oxy.com</u>	Telephone: <u>(575) 390-2828</u>

OCD Only

Received by: _____ Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	
District RP	2RP-5533
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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.

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 2-18-2020
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____