



DELINEATION WORKPLAN

**OXY – MOC SWD #1
(Leak Date: 3/15/17)**

**RP # 2RP-4163
API # 30-015-21669**

This delineation workplan and remediation proposal addresses the release associated with RP # 2RP-4163.

The following information includes:

1. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
2. GPS information for sample points and sample methodology
3. Depth to groundwater information (i.e., pdf of OSE search results and/or copy of Chevron groundwater trend map).
4. Laboratory analysis results summary table and original laboratory analysis reports
5. A copy of the initial C-141
6. Potentially other pertinent information as necessary for site specific purposes.

Based on the information included in this package and the NMOCD guidelines, the following remediation is proposed:

OXY will excavate the spill area as depicted on the following site diagram. The entire leak area (shaded in blue) will be excavated to a depth of 6 inches.





The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.

Oxy, MOC SWD #1

Leak date: 03/15/2017
Eddy County, NM
API# 30-015-21669
2RP-4163

Legend

-  6 in. Excavation across entire leak area
-  Cardinal sample points, hand auger
-  Sample points, hand auger
-  Leak Area



Oxy, MOC SWD #1

Sample points, hand auger

SP1, N 32.58661 W-104.52629

SP2, N 32.58646 W-104.52629

SP3, N 32.58644 W-104.52643

SP4, N 32.58639 W-104.52657

NORTH, N 32.58671 W-104.52631

SOUTH, N 32.58629 W-104.52669

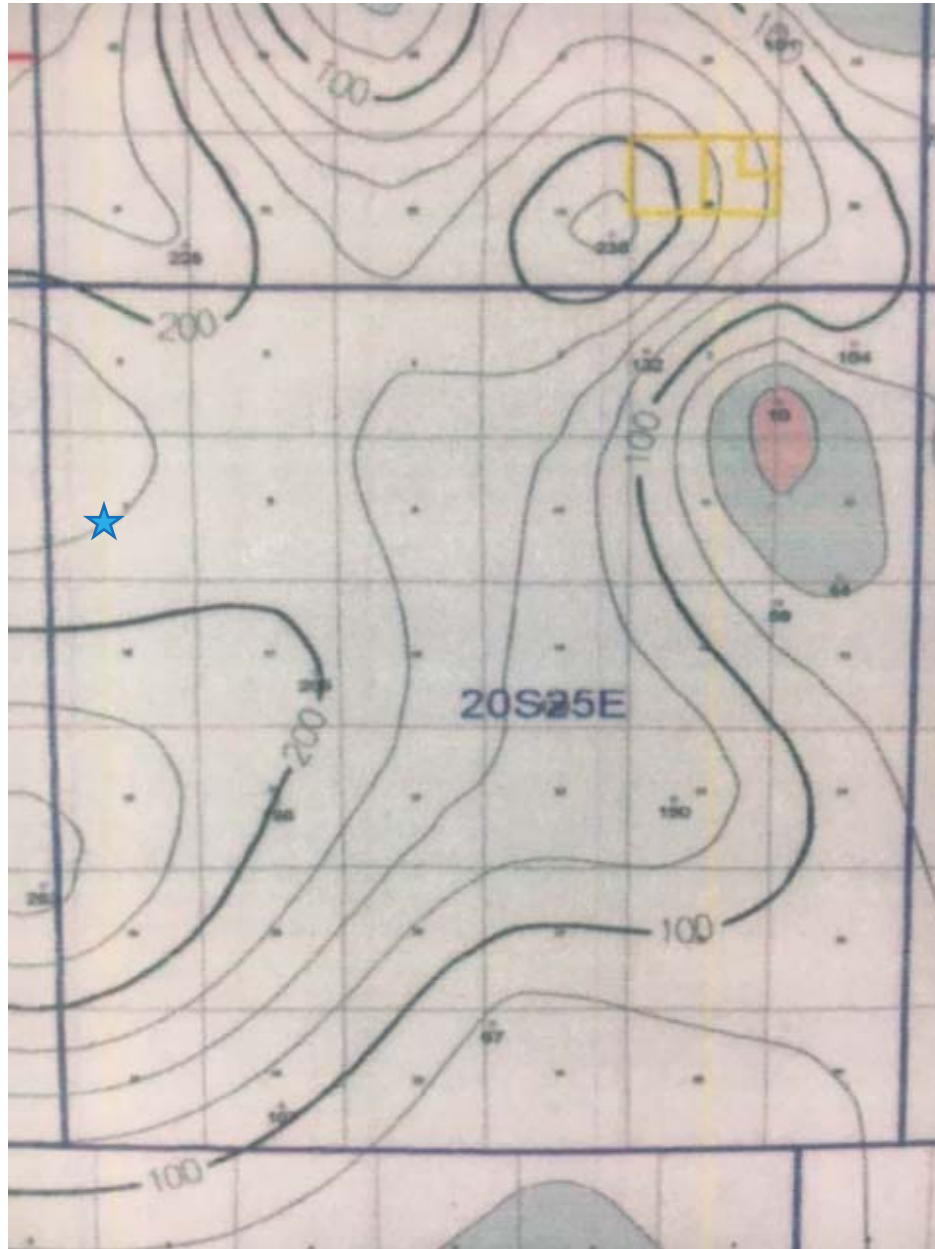
EAST, N 32.58648 W-104.52625

WEST, N 32.58641 W-104.52663

Oxy, MOC SWD #001

U/L K, Section 7, T20S, R25E

Groundwater: 175'





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates
the POD has been
replaced & no longer
serves a water right
file.)

(R=POD has been
replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub- basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA.03265			ED	1	2	3	08	20S	25E	545972	3605636*	<input type="text"/>	1540	150	

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 544435

Northing (Y): 3605539

Radius: 1700

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/4/17 9:17 AM

WATER COLUMN/ AVERAGE DEPTH TO
WATER

Public Land Survey System (PLSS)

Q64:

Q16:

NE

Q4:

SW

Sec:

07

Tws:

20S

Rng:

25E

State Plane Coordinate System - NAD27

X:

0

ft

Y:

0

ft

Zone:

State Plane Coordinate System - NAD83

X:

0

ft

Y:

0

ft

Zone:

Degrees/Minutes/Seconds

Longitude (X):

Degrees:

0

°

Minutes:

0

'

Seconds:

0

"

Latitude (Y):

Degrees:

0

°

Minutes:

0

'

Seconds:

0

"

UTM - NAD27

Easting (X):

0

mtrs

Northing (Y):

0

mtrs

Zone:

SUBMIT

All Conversion Results are displayed as NAD 1983 UTM Zone 13

Easting (X):

544435.0

mtrs

Northing (Y):

3605539.0

mtrs

~~ Please keep screen open to copy UTM values for Reports. ~~

**Laboratory Analytical Results Summary
MOC SWD #1**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 8'
Analyte	Method	Date	4/7/17	4/7/17	4/7/17	4/7/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a
Chloride	SM4500Cl-B		400	592	80	48
GRO	TPH 8015M		<10.0	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 8'
Analyte	Method	Date	4/7/17	4/7/17	4/7/17	4/7/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		720	416	96	16

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 8'
Analyte	Method	Date	4/7/17	4/7/17	4/7/17	4/7/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a
Chloride	SM4500Cl-B		560	544	80	80
GRO	TPH 8015M		<10.0	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 8'
Analyte	Method	Date	4/7/17	4/7/17	4/7/17	4/7/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		544	560	32	32

		Sample	NORTH @ SURFACE
Analyte	Method	Date	4/7/17
			mg/Kg
Chloride	SM4500Cl-B		208

		Sample	EAST @ SURFACE
Analyte	Method	Date	4/7/17
			mg/Kg
Chloride	SM4500Cl-B		208

		Sample	WEST @ SURFACE
Analyte	Method	Date	4/7/17
			mg/Kg
Chloride	SM4500Cl-B		224

		Sample	SOUTH @ SURFACE
Analyte	Method	Date	4/7/17
			mg/Kg
Chloride	SM4500Cl-B		224

Sum

April 13, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MOC SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 04/10/17 11:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/10/2017
Reported: 04/13/2017
Project Name: MOC SWD #1
Project Number: NONE GIVEN
Project Location: INDIAN BASIN

Sampling Date: 04/07/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: SP1 @ 1 (H700946-01)

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	04/12/2017	ND	1.78	88.9	2.00	0.00	
Toluene*	<0.050	0.050	04/12/2017	ND	1.67	83.4	2.00	0.00	
Ethylbenzene*	<0.050	0.050	04/12/2017	ND	1.66	83.0	2.00	0.00	
Total Xylenes*	<0.150	0.150	04/12/2017	ND	4.69	78.1	6.00	0.00	
Total BTEX	<0.300	0.300	04/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	04/12/2017	ND	432	108	400	3.64		

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	04/11/2017	ND	194	96.8	200	2.14	
DRO >C10-C28	<10.0	10.0	04/11/2017	ND	200	100	200	3.91	

Surrogate: 1-Chlorooctane 89.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 90.4 % 34.7-157

Sample ID: SP1 @ 2 (H700946-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	04/12/2017	ND	432	108	400	3.64		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 04/10/2017
Reported: 04/13/2017
Project Name: MOC SWD #1
Project Number: NONE GIVEN
Project Location: INDIAN BASIN

Sampling Date: 04/07/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: SP1 @ 3 (H700946-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/12/2017	ND	432	108	400	3.64		

Sample ID: SP1 @ 8 (H700946-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/12/2017	ND	432	108	400	3.64	

Sample ID: SP2 @ 1 (H700946-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	04/12/2017	ND	432	108	400	3.64		

Sample ID: SP2 @ 2 (H700946-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/12/2017	ND	432	108	400	3.64	

Sample ID: SP2 @ 3 (H700946-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/12/2017	ND	432	108	400	3.64	

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Received: 04/10/2017
Reported: 04/13/2017
Project Name: MOC SWD #1
Project Number: NONE GIVEN
Project Location: INDIAN BASIN

Sampling Date: 04/07/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: SP2 @ 8 (H700946-08)

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	04/12/2017	ND	432	108	400	3.64		

Sample ID: SP3 @ 1 (H700946-09)

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	04/12/2017	ND	1.78	88.9	2.00	0.00	
Toluene*	<0.050	0.050	04/12/2017	ND	1.67	83.4	2.00	0.00	
Ethylbenzene*	<0.050	0.050	04/12/2017	ND	1.66	83.0	2.00	0.00	
Total Xylenes*	<0.150	0.150	04/12/2017	ND	4.69	78.1	6.00	0.00	
Total BTEX	<0.300	0.300	04/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	04/12/2017	ND	432	108	400	3.64		

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	04/11/2017	ND	194	96.8	200	2.14	
DRO >C10-C28	<10.0	10.0	04/11/2017	ND	200	100	200	3.91	

Surrogate: 1-Chlorooctane 86.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 90.5 % 34.7-157

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

 Received: 04/10/2017
 Reported: 04/13/2017
 Project Name: MOC SWD #1
 Project Number: NONE GIVEN
 Project Location: INDIAN BASIN

 Sampling Date: 04/07/2017
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP3 @ 2 (H700946-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	04/12/2017	ND	432	108	400	3.64	

Sample ID: SP3 @ 3 (H700946-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/12/2017	ND	432	108	400	3.64	

Sample ID: SP3 @ 8 (H700946-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/12/2017	ND	432	108	400	3.64	

Sample ID: SP4 @ 1 (H700946-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	04/12/2017	ND	432	108	400	3.64	

Sample ID: SP4 @ 2 (H700946-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	04/12/2017	ND	432	108	400	3.64	

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Received: 04/10/2017
Reported: 04/13/2017
Project Name: MOC SWD #1
Project Number: NONE GIVEN
Project Location: INDIAN BASIN

Sampling Date: 04/07/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: SP4 @ 3 (H700946-15)

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	04/12/2017	ND	448	112	400	0.00		

Sample ID: SP4 @ 8 (H700946-16)

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	04/12/2017	ND	448	112	400	0.00	

Sample ID: N @ SUR (H700946-17)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	04/12/2017	ND	448	112	400	0.00		

Sample ID: E @ SUR (H700946-18)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	04/12/2017	ND	448	112	400	0.00		

Sample ID: W @ SUR (H700946-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	04/12/2017	ND	448	112	400	0.00		

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

Received: 04/10/2017
Reported: 04/13/2017
Project Name: MOC SWD #1
Project Number: NONE GIVEN
Project Location: INDIAN BASIN

Sampling Date: 04/07/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: S @ SUR (H700946-20)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/12/2017	ND	448	112	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

ORDINAL 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

Phone #: 575-397-6388

Project #:

Project Name: MOC SUD #1

Project Location: Indian Basin

Sample Name: LC

State: NM

Fax #: 575-397-0397

Project Owner: OXY

City:

State:

Phone #:

Fax #:

Zip: 88241

Attn: J. Brunson

Address:

City:

State:

Zip:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

MATRIX

PRESERV

SAMPLING

DATE

TIME

BTEX

TPH

CI

Relinquished By: [Signature]

Relinquished By: [Signature]

Time: 9-10-17

Received By: [Signature]

Date: 9-10-17

Time: 11:11

Delivered By: (Circle One)

Sample Condition

CHECKED BY: [Signature]

REMARKS:

Phone Result: [] Yes [] No

Fax Result: [] Yes [] No

Add'l Phone #:

Add'l Fax #:

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ANALYSIS REQUEST



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/2

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: MOC SA D #1 Project Location: Indian Basin Sample Name: 10				P.O. #: Company: JMY Attn: JMY Address: City: State: Zip: Phone #: Fax #:															
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: OXY				BILL TO															
FOR LAB USE ONLY				ANALYSIS REQUEST															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		MATRIX		PRESERV		SAMPLING											
		# CONTAINERS		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :							
11	SP 30 8			X															
12	SP 40 1			X															
13				X															
14				X															
15				X															
16				X															
17				X															
18				X															
19				X															
20				X															
Relinquished By: [Signature] Time: 4:10-17 Date: 11:22 Received By: [Signature] Time: Date:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		CHECKED BY: (Initials) [Signature]		REMARKS: BTEX TPH CK													

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-14
Revised August 8, 20

Submit 1 Copy to appropriate District Office
accordance with 19.15.29 NMA

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	PO Box 4294; Houston, TX 77210	Telephone No.	(575) 513-8289
Facility Name	MOC SWD #001	Facility Type	SWD
Surface Owner	BLM	Mineral Owner	API No. 30-015-21669

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	7	20S	25E					Eddy County, NM

Latitude N 32.58641° Longitude W 104.52663°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	20 bbls	Volume Recovered	10 bbls
Source of Release	Compromised 4" steel disposal line	Date and Hour of Occurrence	03/15/2017	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher, Crystal Weaver-NMOCD; Shelly Tucker-BLM		
By Whom?	Jennifer Gilkey @ BBC International	Date and Hour	03/16/2017 @ 4:25 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

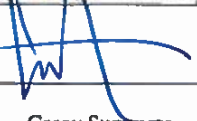
Describe Cause of Problem and Remedial Action Taken.*

A compromised steel disposal line caused a leak of 20 bbls of produced water. A vacuum truck recovered 10 bbls of water and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 200' x 125' on location just south of the wellhead. Remediation will be completed in accordance with a remediation plan approved by both NMOCD and the BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:				<u>OIL CONSERVATION DIVISION</u>	
Printed Name:	Casey Summers	Approved by Environmental Specialist:			
Title:	NM Environmental Advisor	Approval Date:	Expiration Date:		
E-mail Address:	Casey.Summers@oxy.com	Conditions of Approval:			Attached <input type="checkbox"/>
Date:	4-4-17	Phone:	(575) 513-8289		

* Attach Additional Sheets If Necessary