

Closure Report

2 RP-5627

Site Description

Site Name:	Federal 12 4 North CTB	Incident ID: NAB1927150997
Company:	Oxy USA, Inc.	
Legal Description:	U/L E, Sec 12, T22S, R31E	
County:	Eddy County, NM	
GPS Coordinates:	N 32.40786 W-103.73865	

Release Data

Date of Release:	7/31/2019
Type of Release:	Oil & Produced Water
Source of Release:	Compromised gaskets on vic clamps
Volume of Release:	6 bbls oil, 1 bbl water
Volume Recovered:	0 bbls oil, 0 bbls water

Remediation Specifications

Remediation Parameters:	Excavated the entire leak area to a depth of 2 feet. Collected confirmation samples every 50 feet. Entire site was backfilled with clean soil.
Remediation Activities:	10/1/20 to 11/13/20

Plan Sent to OCD:	11/14/2019	Receipt for workplan application
OCD Approval of Plan:	1/7/2020	Email from Robert Hamlet to Wade Dittrich
Plan Sent to BLM:	11/14/2019	Email from Cliff Brunson to BLM
BLM Approval of Plan:	12/2/2019	Email from Jim Amos to Cliff Brunson

Supporting Documentation

Initial C-141	Signed and included	
C-141, page 6	Signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary	Confirmation lab summary/analysis report for 10-12-20	
Depth to Groundwater	USGS Information	

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.

11/16/2020

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

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

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

Incident ID	
District RP	
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 32.40786 Longitude W-103.73865
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	FEDERAL 12 4 NORTH CTB	Site Type	BATTERY
Date Release Discovered	7/31/19	API# (if applicable)	

Unit Letter	Section	Township	Range	County
E	12	22S	31E	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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 6 BBLS	Volume Recovered (bbls) 0 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 1 BBLS	Volume Recovered (bbls) 0 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

COMPROMISED GASKETS ON VIC CLAMPS

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Initial Response

<p><input type="checkbox"/> The source of the release has been stopped.</p> <p><input type="checkbox"/> The impacted area has been secured to protect human health and the environment.</p> <p><input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.</p> <p><input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.</p>	
<p>If all the actions described above have <u>not</u> been undertaken, explain why:</p> 	
<p>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.</p>	
<p>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.</p>	
<p>Printed Name: <u>Wade Dittrich</u></p> <p>Signature: <u></u></p> <p>email: <u>wade_dittrich@oxy.com</u></p>	<p>Title: <u>Environmental Coordinator</u></p> <p>Date: <u>8-8-19</u></p> <p>Telephone: <u>(575) 390-2828</u></p>
<p><u>OCD Only</u></p> <p>Received by: _____ Date: _____</p>	

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NAB1927150997
District RP	2RP-5627
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 OCD 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 CoordinatorSignature:  Date: 10-22-20email: wade_dittrich@oxy.com Telephone: (575) 390-2828**OCD Only**Received by: Chad Hensley Date: 03/03/2021




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: 03/03/2021Printed Name: Chad Hensley Title: Environmental Specialist Advanced

Oxy Federal 12 #4 North CTB

Leak Date: 7-31-2019
Eddy County, NM
Incident ID: NAB1927150997

Legend

-  2 ft Excavation
-  Confirmation Sample Points
-  Leak area



Oxy, Federal 12 4 North CTB

Confirmation Sample points

BS1, N 32.40791 W-103.73863

BS2, N 32.40793 W-103.73859

SW1, N 32.40794 W-103.73863

SW2, N 32.40791 W-103.73858





Laboratory Analytical Results Summary
Federal 12 4 North CTB (7/31/19)

		Sample ID	BS1	BS2
Analyte	Method	Date	10/12/20	10/12/20
			mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		128	112
GRO	TPH 8015M		<10.0	<10.1
DRO	TPH 8015M		189	200
EXT DRO	TPH 8015M		69.9	80.2

		Sample ID	SW1	SW2
Analyte	Method	Date	10/12/20	10/12/20
			mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		80.0	272
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		141	140
EXT DRO	TPH 8015M		38.6	44.7



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

October 13, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: FEDERAL 12 - 4 CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/12/20 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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' at the beginning.

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:	10/12/2020	Sampling Date:	10/12/2020
Reported:	10/13/2020	Sampling Type:	Soil
Project Name:	FEDERAL 12 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	FEDERAL 12-4 NORTH CTB (7-31-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CTY, NM		

Sample ID: BS 1 (H002708-01)

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	10/13/2020	ND	2.12	106	2.00	2.25		
Toluene*	<0.050	0.050	10/13/2020	ND	2.12	106	2.00	2.32		
Ethylbenzene*	<0.050	0.050	10/13/2020	ND	2.07	103	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/13/2020	ND	5.91	98.4	6.00	2.43		
Total BTEX	<0.300	0.300	10/13/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	128	16.0	10/13/2020	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	10/13/2020	ND	203	101	200	4.92	
DRO >C10-C28*	189	10.0	10/13/2020	ND	208	104	200	7.06	
EXT DRO >C28-C36	69.9	10.0	10/13/2020	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 112 % 42.2-156

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*=Accredited Analyte

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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:	10/12/2020	Sampling Date:	10/12/2020
Reported:	10/13/2020	Sampling Type:	Soil
Project Name:	FEDERAL 12 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	FEDERAL 12-4 NORTH CTB (7-31-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CTY, NM		

Sample ID: BS 2 (H002708-02)

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	10/13/2020	ND	2.12	106	2.00	2.25		
Toluene*	<0.050	0.050	10/13/2020	ND	2.12	106	2.00	2.32		
Ethylbenzene*	<0.050	0.050	10/13/2020	ND	2.07	103	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/13/2020	ND	5.91	98.4	6.00	2.43		
Total BTEX	<0.300	0.300	10/13/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	112	16.0	10/13/2020	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	10/13/2020	ND	203	101	200	4.92	
DRO >C10-C28*	200	10.0	10/13/2020	ND	208	104	200	7.06	
EXT DRO >C28-C36	80.2	10.0	10/13/2020	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 122 % 42.2-156

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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:	10/12/2020	Sampling Date:	10/12/2020
Reported:	10/13/2020	Sampling Type:	Soil
Project Name:	FEDERAL 12 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	FEDERAL 12-4 NORTH CTB (7-31-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CTY, NM		

Sample ID: SW 1 (H002708-03)

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	10/13/2020	ND	2.12	106	2.00	2.25		
Toluene*	<0.050	0.050	10/13/2020	ND	2.12	106	2.00	2.32		
Ethylbenzene*	<0.050	0.050	10/13/2020	ND	2.07	103	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/13/2020	ND	5.91	98.4	6.00	2.43		
Total BTEX	<0.300	0.300	10/13/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	80.0	16.0	10/13/2020	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	10/13/2020	ND	203	101	200	4.92	
DRO >C10-C28*	141	10.0	10/13/2020	ND	208	104	200	7.06	
EXT DRO >C28-C36	38.6	10.0	10/13/2020	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 110 % 42.2-156

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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:	10/12/2020	Sampling Date:	10/12/2020
Reported:	10/13/2020	Sampling Type:	Soil
Project Name:	FEDERAL 12 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	FEDERAL 12-4 NORTH CTB (7-31-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CTY, NM		

Sample ID: SW 2 (H002708-04)

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	10/13/2020	ND	2.12	106	2.00	2.25		
Toluene*	<0.050	0.050	10/13/2020	ND	2.12	106	2.00	2.32		
Ethylbenzene*	<0.050	0.050	10/13/2020	ND	2.07	103	2.00	2.45		
Total Xylenes*	<0.150	0.150	10/13/2020	ND	5.91	98.4	6.00	2.43		
Total BTEx	<0.300	0.300	10/13/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	272	16.0	10/13/2020	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	10/13/2020	ND	203	101	200	4.92	
DRO >C10-C28*	140	10.0	10/13/2020	ND	208	104	200	7.06	
EXT DRO >C28-C36	44.7	10.0	10/13/2020	ND					

Surrogate: 1-Chlorooctane 93.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 114 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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 cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager

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



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 322333103461301

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 322333103461301 22S.31E.15.13223

Eddy County, New Mexico
Latitude 32°23'40", Longitude 103°46'15" NAD27
Land-surface elevation 3,456 feet above NAVD88
The depth of the well is 170 feet below land surface.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1959-02-19		D	150.87				2		U	
1972-09-12		D	146.30				2		U	
1976-12-08		D	135.97				2		U	
1983-01-18		D	133.14				2		U	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 12496

CONDITIONS OF APPROVAL

Operator:	OXY USA INC	P.O. Box 4294	Houston, TX772104294	OGRID:	16696	Action Number:	12496	Action Type:	C-141
OCD Reviewer	Condition								
chensley	Closure report approved, no further action required by OCD at this time.								