

# Closure Report

2RP-5310

## Site Description

Site Name:	Federal 29 #10 North CTB	Incident ID: NAB1907956816
Company:	Oxy, USA	
Legal Description:	U/L N, Sec 29, T23S, R31E	
County:	Eddy County, NM	
GPS Coordinates:	N 32.26907 W -103.80228	

## Release Data

Date of Release:	2/8/2019
Type of Release:	Oil & Produced Water
Source of Release:	Bad packing in the stuffing box of the well head
Volume of Release:	1 bbl crude oil, 14 bbls of produced water
Volume Recovered:	0 bbls

## Remediation Specifications

Remediation Parameters:	Excavated SP1, & SP2 to a depth of 6 inches. Excavated SP3, SP4, SP5, & SP6 to a depth of 1 foot. Collected bottom confirmation samples every 75 feet. Backfilled the entire site with clean soil.
Remediation Activities:	5/18/2020 through 6/1/2020

Plan Sent to OCD:	6/26/2019	E-mail from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	7/3/2019	E-mail from Victoria Venegas to Cliff Brunson
Plan Sent to BLM:	6/26/2019	E-mail from Cliff Brunson to James Amos
BLM Approval of Plan:	11/21/2019	E-mail from James Amos to Cliff Brunson

## Supporting Documentation

Initial C-141	signed & included	
C-141, page 6	signed & included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Photos showing results of remediation of entire site	
Lab Summary	Lab analysis and summary for 5/22/20	
Depth to Groundwater	USGS Information Report	

## 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.

6/30/2020

**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	NAB1907956816
District RP	2RP-5310
Facility ID	
Application ID	pAB1907956594

## 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)	NAB1907956816
Contact mailing address	PO BOX 4294; HOUSTON, TX 77210		

### Location of Release Source

Latitude N 32.26907 Longitude W-103.80228  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	FEDERAL 29 #10	Site Type	WELL
Date Release Discovered	2/8/19	API# (if applicable)	30-015-38230

Unit Letter	Section	Township	Range	County
N	29	23S	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) 1 BBL	Volume Recovered (bbls) 0 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 14 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

BAD PACKING IN THE STUFFING BOX OF THE WELL HEAD

Form C-141

State of New Mexico  
Oil Conservation Division



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Incident ID	NAB1907956816
District RP	2RP-5310
Facility ID	
Application ID	pAB1907956594

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

**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 <u>not</u> 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>3-14-19</u>
email: <u>wade_dittrich@oxy.com</u>	Telephone: <u>(575) 390-2828</u>
<b>OCD Only</b>	
Received by: <u></u>	Date: <u>3/20/2019</u>

Form C-141

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	
District RP	2RP-5310
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: 6-9-20  
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: \_\_\_\_\_



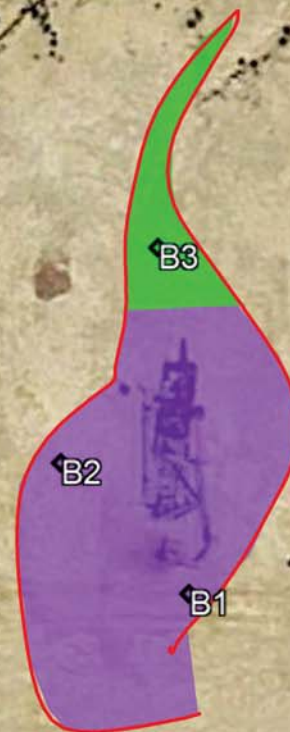
# Oxy, Federal 29 #10

Leak Date: 2-8-19  
Eddy County, NM  
2RP-5310

## Legend

- 1 ft Excavation
- 6 inch Excavation
- Confirmation Samples
- Leak Area

Received by OCD: 7/18/2020 6:28:47 PM





Oxy Federal 29 #10

Sample points

B1, N 32.26906 W-103.80227

B2, N 32.26915 W-103.80237

B3, N 32.26930 W 103.80230











Laboratory Analytical Results Summary  
Federal 29 #10 (2/8/19)

		Sample ID	BOTTOM 1	BOTTOM 2	BOTTOM 3
Analyte	Method	Date	5/22/20	5/22/20	5/22/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		16.0	16.0	32.0
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0





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

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May 26, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: FEDERAL 29 #10

Enclosed are the results of analyses for samples received by the laboratory on 05/22/20 16:00.

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](http://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:	05/22/2020	Sampling Date:	05/22/2020
Reported:	05/26/2020	Sampling Type:	Soil
Project Name:	FEDERAL 29 #10	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kelly Jacobson
Project Location:	OXY - NM - 128		

**Sample ID: BOTTOM 1 (H001421-01)**

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	05/22/2020	ND	1.82	91.2	2.00	3.63	
Toluene*	<0.050	0.050	05/22/2020	ND	1.80	89.8	2.00	3.18	
Ethylbenzene*	<0.050	0.050	05/22/2020	ND	1.79	89.5	2.00	3.75	
Total Xylenes*	<0.150	0.150	05/22/2020	ND	5.14	85.6	6.00	3.78	
Total BTX	<0.300	0.300	05/22/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	16.0	16.0	05/26/2020	ND	400	100	400	3.92		

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	05/26/2020	ND	190	94.8	200	6.07	
DRO >C10-C28*	<10.0	10.0	05/26/2020	ND	192	95.8	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2020	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-144

Surrogate: 1-Chlorooctadecane 109 % 42.2-156

Cardinal Laboratories

\*=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: 05/22/2020  
 Reported: 05/26/2020  
 Project Name: FEDERAL 29 #10  
 Project Number: NOT GIVEN  
 Project Location: OXY - NM - 128

Sampling Date: 05/22/2020  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kelly Jacobson

**Sample ID: BOTTOM 2 (H001421-02)**

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	05/22/2020	ND	1.82	91.2	2.00	3.63	
Toluene*	<0.050	0.050	05/22/2020	ND	1.80	89.8	2.00	3.18	
Ethylbenzene*	<0.050	0.050	05/22/2020	ND	1.79	89.5	2.00	3.75	
Total Xylenes*	<0.150	0.150	05/22/2020	ND	5.14	85.6	6.00	3.78	
Total BTX	<0.300	0.300	05/22/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	16.0	16.0	05/26/2020	ND	400	100	400	3.92	

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	05/26/2020	ND	190	94.8	200	6.07	
DRO >C10-C28*	<10.0	10.0	05/26/2020	ND	192	95.8	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2020	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 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: 05/22/2020  
 Reported: 05/26/2020  
 Project Name: FEDERAL 29 #10  
 Project Number: NOT GIVEN  
 Project Location: OXY - NM - 128

Sampling Date: 05/22/2020  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kelly Jacobson

**Sample ID: BOTTOM 3 (H001421-03)**

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	05/22/2020	ND	1.82	91.2	2.00	3.63	
Toluene*	<0.050	0.050	05/22/2020	ND	1.80	89.8	2.00	3.18	
Ethylbenzene*	<0.050	0.050	05/22/2020	ND	1.79	89.5	2.00	3.75	
Total Xylenes*	<0.150	0.150	05/22/2020	ND	5.14	85.6	6.00	3.78	
Total BTX	<0.300	0.300	05/22/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	32.0	16.0	05/26/2020	ND	400	100	400	3.92	

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	05/26/2020	ND	190	94.8	200	6.07	
DRO >C10-C28*	<10.0	10.0	05/26/2020	ND	192	95.8	200	6.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2020	ND					

Surrogate: 1-Chlorooctane 94.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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\*=Accredited Analyte

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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.

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Celey D. Keene, Lab Director/Quality Manager



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

1 of 1

† 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 =

- 321648103482101

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

USGS 321648103482101 23S.31E.29.11333

Eddy County, New Mexico  
Latitude 32°16'48", Longitude 103°48'21" NAD27  
Land-surface elevation 3,336 feet above NAVD88  
The depth of the well is 220 feet below land surface.  
This well is completed in the Dewey Lake Redbeds (312DYLK) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1959-03-26		D	138.43			2			U	
1972-09-20		D	139.90			2	R		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
Status	R	Site had been pumped recently.
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.

[Questions about sites/data?](#)  
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