

Closure Report NRM192733505

APPROVED
10/31/2022
Jocelyn Harimon

Site Description

Site Name:	RED TANK 30 31 34H
Company:	OXY
Legal Description:	U/L: A, SECTION 30, T22S, R33E
County:	LEA COUNTY, NM
GPS Coordinates:	N32.36954 W103.60459

Release Data

Date of Release:	8/22/2019
Type of Release:	PRODUCED WATER & CRUDE OIL
Source of Release:	CORROSION OF A 2 INCH STEEL PRODUCTION FLOW LINE
Volume of Release:	4 BBLS CRUDE OIL/ 3 BBLS PRODUCED WATER
Volume Recovered:	0 BBLS CRUDE OIL/ 0 BBLS PRODUCED WATER

Remediation Specifications

Remediation Parameters	Oxy will excavate the spill area as depicted on the following site diagram. The entire leak area will be excavated to a depth of 1 foot. Bottom and Sidewall confirmation samples will be collected every 75feet. The entire side will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.
Remediation Activities:	8/29/19, 8/17/21, 9/14/21, 9/17/21

Plan Sent to OCD:	11/14/2019	FROM CLIFF TO BLM NM AND WADE
OCD Approval of Plan:	2/4/2020	FROM @STATE.NM.US TO WADE AND CLIFF
Plan Sent to BLM:	11/14/2019	FROM CLIFF TO SPILL@BLM AND WADE
BLM Approval of Plan:		FROM JAMOS@BLM.GOV TO WADE AND CLIFF

Supporting Documentation

C 141 PAGE 6	SIGNED	
SITE DIAGRAM	GOOGLE EARTH MAP WITH CONFIRMATION SAMPLES	
PICTURES	CLOSURE PICTURES	
LAB SUMMARY	CLOSURE SAMPLES	
LAB ANALYSIS	CLOSURE SAMPLES	
SAMPLE NOTIFICATION	8/18/21	

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.

4/1/2022

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NRM1927335058
District RP	
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: 3-31-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: Jocelyn Harimon Date: 10/31/2022

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: 10/31/2022
Printed Name: Jocelyn Harimon Title: Environmental Specialist

From: [Cliff Brunson](#)
To: ["Enviro. OCD, EMNRD"](#)
Cc: ["Wade Ditttrich"](#); [Ken Swinney](#); ["Jennifer Gilkey"](#); [Julia French](#)
Subject: OXY - Red Tank 30 31 34H-Sampling Notification
Date: Wednesday, August 18, 2021 5:23:31 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Red Tank 30 31 34H (Incident ID # nRM1927335058) on Monday, August 23 at 9:30 a.m.

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
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E-Mail: cbrunson@bbcinternational.com



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OXY, RED TANK 30 31 34H

LEAK DATE : 8/22/19
ID#NRM1927335058
LEA COUNTY, NM

Legend

1 ft excavation across entire leak area

BOTTOM CONFIRMATION SAMPLE POINTS

SIDEWALL CONFIRMATION SAMPLE POINTS



RED TANK 30-31 34H (8/22/19)

SIDEWALL 1	N32.369851	W-103.604703
SIDEWALL 2	N32.369557	W-103.604569
BOTTOM SAMPLE 1	N32.369873	W-103.604721
BOTTOM SAMPLE 2	N32.369810	W-103.604715
BOTTOM SAMPLE 3	N32.369778	W-103.604721
BOTTOM SAMPLE 4	N32.369767	W-103.604683
BOTTOM SAMPLE 5	N32.369740	W-103.604695
BOTTOM SAMPLE 6	N32.369717	W-103.604668
BOTTOM SAMPLE 7	N32.369577	W-103.604577

		Sample ID	BOTTOM 1 @ 1'
Analyte	Method	Date	9/1/21
			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		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	BOTTOM 2 @ 1'
Analyte	Method	Date	9/1/21
			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		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	BOTTOM 3 @ 1'
Analyte	Method	Date	9/1/21
			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		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	BOTTOM 4@ 1'
Analyte	Method	Date	9/1/21
			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		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		35.6

		Sample ID	BOTTOM 5@ 1'
Analyte	Method	Date	9/1/21
			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		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	BOTTOM 6@ 1'
Analyte	Method	Date	9/1/21
			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		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		12.2

		Sample ID	BOTTOM 7@ 1'
Analyte	Method	Date	9/1/21
			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		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		10.7

		Sample ID	SW 1
Analyte	Method	Date	9/1/21
			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		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		17.4

		Sample ID	SW 2
Analyte	Method	Date	9/1/21
			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		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

RED TANK 30-31 34H

8/20/19





RED TANK 30-31 34H
8/20/19



RED TANK 30-31 34H
8/20/19



RED TANK 30-31 34H
8/20/19





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

September 03, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 30-31 34H

Enclosed are the results of analyses for samples received by the laboratory on 08/31/21 10:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/31/2021
 Reported: 09/03/2021
 Project Name: RED TANK 30-31 34H
 Project Number: NONE GIVEN
 Project Location: OXY

Sampling Date: 08/30/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 1 @ 1' (H212351-01)

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	09/01/2021	ND	2.05	103	2.00	2.54	
Toluene*	<0.050	0.050	09/01/2021	ND	2.08	104	2.00	1.73	
Ethylbenzene*	<0.050	0.050	09/01/2021	ND	2.06	103	2.00	2.60	
Total Xylenes*	<0.150	0.150	09/01/2021	ND	6.37	106	6.00	2.17	
Total BTEX	<0.300	0.300	09/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

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	08/31/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2021	ND	226	113	200	8.34	
DRO >C10-C28*	<10.0	10.0	09/02/2021	ND	222	111	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/02/2021	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.8 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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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: 08/31/2021
 Reported: 09/03/2021
 Project Name: RED TANK 30-31 34H
 Project Number: NONE GIVEN
 Project Location: OXY

Sampling Date: 08/30/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 2 @ 1' (H212351-02)

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	09/01/2021	ND	2.05	103	2.00	2.54		
Toluene*	<0.050	0.050	09/01/2021	ND	2.08	104	2.00	1.73		
Ethylbenzene*	<0.050	0.050	09/01/2021	ND	2.06	103	2.00	2.60		
Total Xylenes*	<0.150	0.150	09/01/2021	ND	6.37	106	6.00	2.17		
Total BTEx	<0.300	0.300	09/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	08/31/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2021	ND	226	113	200	8.34	
DRO >C10-C28*	<10.0	10.0	09/01/2021	ND	222	111	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/01/2021	ND					

Surrogate: 1-Chlorooctane 71.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.9 % 38.9-142

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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: 08/31/2021
 Reported: 09/03/2021
 Project Name: RED TANK 30-31 34H
 Project Number: NONE GIVEN
 Project Location: OXY

Sampling Date: 08/30/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 3 @ 1' (H212351-03)

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	09/01/2021	ND	2.05	103	2.00	2.54	
Toluene*	<0.050	0.050	09/01/2021	ND	2.08	104	2.00	1.73	
Ethylbenzene*	<0.050	0.050	09/01/2021	ND	2.06	103	2.00	2.60	
Total Xylenes*	<0.150	0.150	09/01/2021	ND	6.37	106	6.00	2.17	
Total BTEx	<0.300	0.300	09/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-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	08/31/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2021	ND	226	113	200	8.34	
DRO >C10-C28*	<10.0	10.0	09/01/2021	ND	222	111	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/01/2021	ND					

Surrogate: 1-Chlorooctane 76.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.2 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Received: 08/31/2021
 Reported: 09/03/2021
 Project Name: RED TANK 30-31 34H
 Project Number: NONE GIVEN
 Project Location: OXY

Sampling Date: 08/30/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 4 @ 1' (H212351-04)

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	09/01/2021	ND	2.05	103	2.00	2.54		
Toluene*	<0.050	0.050	09/01/2021	ND	2.08	104	2.00	1.73		
Ethylbenzene*	<0.050	0.050	09/01/2021	ND	2.06	103	2.00	2.60		
Total Xylenes*	<0.150	0.150	09/01/2021	ND	6.37	106	6.00	2.17		
Total BTX	<0.300	0.300	09/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-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	08/31/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2021	ND	226	113	200	8.34	
DRO >C10-C28*	<10.0	10.0	09/01/2021	ND	222	111	200	6.53	
EXT DRO >C28-C36	35.6	10.0	09/01/2021	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.9 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Received: 08/31/2021
 Reported: 09/03/2021
 Project Name: RED TANK 30-31 34H
 Project Number: NONE GIVEN
 Project Location: OXY

Sampling Date: 08/30/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 5 @ 1' (H212351-05)

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	09/01/2021	ND	2.05	103	2.00	2.54		
Toluene*	<0.050	0.050	09/01/2021	ND	2.08	104	2.00	1.73		
Ethylbenzene*	<0.050	0.050	09/01/2021	ND	2.06	103	2.00	2.60		
Total Xylenes*	<0.150	0.150	09/01/2021	ND	6.37	106	6.00	2.17		
Total BTEX	<0.300	0.300	09/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-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	08/31/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2021	ND	226	113	200	8.34	
DRO >C10-C28*	<10.0	10.0	09/01/2021	ND	222	111	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/01/2021	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.7 % 38.9-142

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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: 08/31/2021
 Reported: 09/03/2021
 Project Name: RED TANK 30-31 34H
 Project Number: NONE GIVEN
 Project Location: OXY

Sampling Date: 08/30/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 6 @ 1' (H212351-06)

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	09/01/2021	ND	2.05	103	2.00	2.54		
Toluene*	<0.050	0.050	09/01/2021	ND	2.08	104	2.00	1.73		
Ethylbenzene*	<0.050	0.050	09/01/2021	ND	2.06	103	2.00	2.60		
Total Xylenes*	<0.150	0.150	09/01/2021	ND	6.37	106	6.00	2.17		
Total BTX	<0.300	0.300	09/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-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	08/31/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2021	ND	226	113	200	8.34	
DRO >C10-C28*	<10.0	10.0	09/01/2021	ND	222	111	200	6.53	
EXT DRO >C28-C36	12.2	10.0	09/01/2021	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.7 % 38.9-142

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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: 08/31/2021
 Reported: 09/03/2021
 Project Name: RED TANK 30-31 34H
 Project Number: NONE GIVEN
 Project Location: OXY

Sampling Date: 08/30/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 7 @ 1' (H212351-07)

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	09/01/2021	ND	2.05	103	2.00	2.54		
Toluene*	<0.050	0.050	09/01/2021	ND	2.08	104	2.00	1.73		
Ethylbenzene*	<0.050	0.050	09/01/2021	ND	2.06	103	2.00	2.60		
Total Xylenes*	<0.150	0.150	09/01/2021	ND	6.37	106	6.00	2.17		
Total BTEX	<0.300	0.300	09/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	08/31/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2021	ND	226	113	200	8.34	
DRO >C10-C28*	<10.0	10.0	09/01/2021	ND	222	111	200	6.53	
EXT DRO >C28-C36	10.7	10.0	09/01/2021	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.9 % 38.9-142

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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: 08/31/2021
 Reported: 09/03/2021
 Project Name: RED TANK 30-31 34H
 Project Number: NONE GIVEN
 Project Location: OXY

Sampling Date: 08/30/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 1 (H212351-08)

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	09/01/2021	ND	2.05	103	2.00	2.54	
Toluene*	<0.050	0.050	09/01/2021	ND	2.08	104	2.00	1.73	
Ethylbenzene*	<0.050	0.050	09/01/2021	ND	2.06	103	2.00	2.60	
Total Xylenes*	<0.150	0.150	09/01/2021	ND	6.37	106	6.00	2.17	
Total BTX	<0.300	0.300	09/01/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-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	08/31/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2021	ND	226	113	200	8.34	
DRO >C10-C28*	<10.0	10.0	09/01/2021	ND	222	111	200	6.53	
EXT DRO >C28-C36	17.4	10.0	09/01/2021	ND					

Surrogate: 1-Chlorooctane 69.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.9 % 38.9-142

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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: 08/31/2021
 Reported: 09/03/2021
 Project Name: RED TANK 30-31 34H
 Project Number: NONE GIVEN
 Project Location: OXY

Sampling Date: 08/30/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 2 (H212351-09)

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	09/01/2021	ND	2.05	103	2.00	2.54		
Toluene*	<0.050	0.050	09/01/2021	ND	2.08	104	2.00	1.73		
Ethylbenzene*	<0.050	0.050	09/01/2021	ND	2.06	103	2.00	2.60		
Total Xylenes*	<0.150	0.150	09/01/2021	ND	6.37	106	6.00	2.17		
Total BTEx	<0.300	0.300	09/01/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-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	08/31/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2021	ND	226	113	200	8.34	
DRO >C10-C28*	<10.0	10.0	09/01/2021	ND	222	111	200	6.53	
EXT DRO >C28-C36	<10.0	10.0	09/01/2021	ND					

Surrogate: 1-Chlorooctane 76.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.2 % 38.9-142

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

12



USGS Home
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National Water Information System: Web Interface

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Geographic Area:

New Mexico

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 322325103313301

Minimum number of levels = 1
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USGS 322325103313301 22S.33E.13.23131

Lea County, New Mexico
Latitude 32°23'38.6", Longitude 103°31'33.6" NAD83
Land-surface elevation 3,519 feet above NAVD88
The depth of the well is 508 feet below land surface.
This well is completed in the Chinle Formation (231CHNL) 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 measurement
1968-06-10		D	387.08				2	S		U
1970-12-04		D	385.19				2	S		U
1972-09-21		D	388.35				2			U
1976-12-16		D	388.60				2			U
1981-03-10		D	389.83				2			U
1986-04-10		D	383.14				2			U
1991-05-03		D	390.28				2	P		U
1996-02-20		D	391.13				2			S

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	P	Site was being pumped.
Status	S	Nearby site that taps the same aquifer was being pumped.
Method of measurement	S	Steel-tape measurement.

Section	Code	Description
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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Page Last Modified: 2019-09-09 17:10:39 EDT

0.45 0.43 nadww02

District I
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 95353

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 95353
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	10/31/2022