

Closure Report

1RP-5504/API 30-025-01366

Site Description

Site Name:	Wyatt AA Federal #3
Company:	Oxy, Permian
Legal Description:	U/L P, Section 33, T17S, R33E
County:	Lea County, NM
GPS Coordinates:	N 32.78566 W -103.66090

Release Data

Date of Release:	4/26/2019
Type of Release:	Oil and produced water
Source of Release:	Compromised 2 inch steel production line
Volume of Release:	4 bbls oil, 12 bbls produced water
Volume Recovered:	0 bbls oil, 0 bbls produced water

Remediation Specifications

Remediation Parameters:	Excavated the areas of SP1 & SP2 to a depth of 3.5 feet, excavated SP3 & SP4 to a depth of 3 feet. Collected confirmation samples per NMOCD conditions of approval with sidewalls. Entire site back filled with clean soil.
Remediation Activities:	5/26/20 through 6/10/20

Plan Sent to OCD:	6/26/2019	
OCD Approval of Plan:	1/14/2020	
Plan Sent to BLM:	6/26/2019	
BLM Approval of Plan:	6/28/2019	

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/Analysis	Confirmation lab summary/analysis report for 5/29/20	
Depth to Groundwater	USGS Info	

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.

6/26/2020

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 32.78566 Longitude W-103.66090
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	WYATT AA FEDERAL #003	Site Type	PRODUCTION
Date Release Discovered	4/26/19	API# (if applicable)	30-025-01366

Unit Letter	Section	Township	Range	County
P	33	17S	33E	LEA COUNTY, NM

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: ANGELL #2 FAMILY LTD PARTNERSHIP)

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) 4 BBLS	Volume Recovered (bbls) 0 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 12 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 2 INCH STEEL PRODUCTION LINE

Form C-141

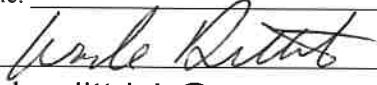
State of New Mexico
Oil Conservation Division

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Incident ID	
District RP	
Facility ID	
Application ID	

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>5-3-19</u>
email: <u>wade_dittrich@oxy.com</u>	Telephone: <u>(575) 390-2828</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	1RP-5504
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 Coordinator
Signature:  Date: 6-11-2020
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: _____

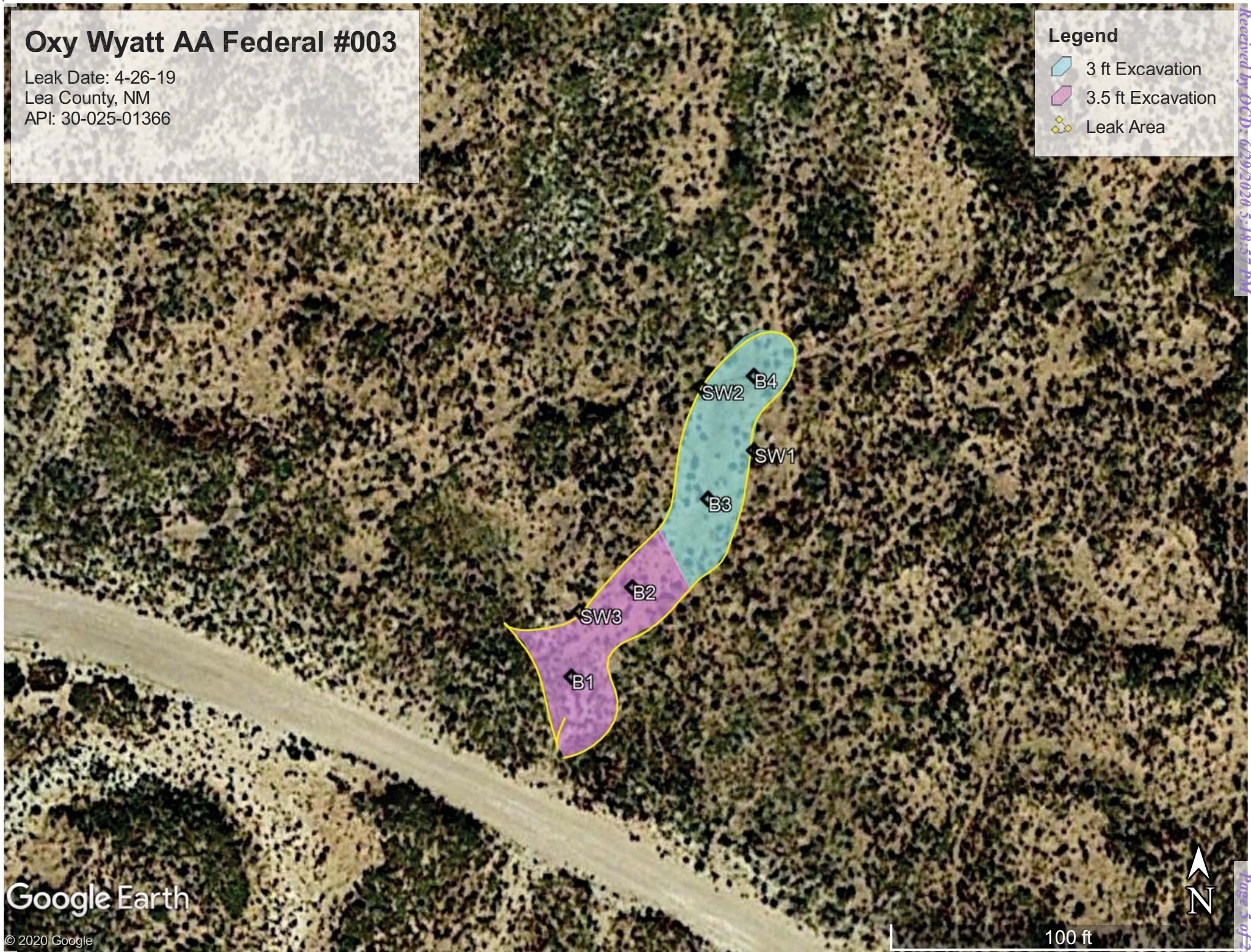
Printed Name: _____ Title: _____

Oxy Wyatt AA Federal #003

Leak Date: 4-26-19
Lea County, NM
API: 30-025-01366

Legend

- 3 ft Excavation
- 3.5 ft Excavation
- Leak Area



Google Earth

© 2020 Google

100 ft



Received by OCD: 6/29/2020 5:18:57 PM

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Oxy, Wyatt AA Federal #003

Confirmation Sample points

B1, N 32.78571 W-103.66090

B2, N 32.78578 W-103.66084

B3, N 32.78585 W-103.66077

B4, N 32.78595 W-103.66073

SW1, N 32.78589 W-103.66073

SW2, N 32.78594 W-103.66078

SW3, N 32.78577 W-103.66089









Laboratory Analytical Results Summary
Wyatt AA Federal #003 (4/26/19)

		Sample ID	Bottom 1	Bottom 2	Bottom 3	Bottom 4	SW 1	SW 2	SW 3
Analyte	Method	Date	5/29/20	5/29/20	5/29/20	5/29/20	5/29/20	5/29/20	5/29/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



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

June 01, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: WYATT AA

Enclosed are the results of analyses for samples received by the laboratory on 05/29/20 15:03.

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, flowing style.

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: 05/29/2020
 Reported: 06/01/2020
 Project Name: WYATT AA
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 05/29/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kelly Jacobson

Sample ID: BOTTOM 1 (H001461-01)

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	05/29/2020	ND	2.08	104	2.00	0.544	
Toluene*	<0.050	0.050	05/29/2020	ND	2.02	101	2.00	0.816	
Ethylbenzene*	<0.050	0.050	05/29/2020	ND	2.04	102	2.00	0.686	
Total Xylenes*	<0.150	0.150	05/29/2020	ND	5.82	97.1	6.00	0.854	
Total BTX	<0.300	0.300	05/29/2020	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	<16.0	16.0	06/01/2020	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	05/30/2020	ND	200	100	200	1.66	
DRO >C10-C28*	<10.0	10.0	05/30/2020	ND	190	94.8	200	5.02	
EXT DRO >C28-C36	<10.0	10.0	05/30/2020	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.1 % 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: 05/29/2020
 Reported: 06/01/2020
 Project Name: WYATT AA
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 05/29/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kelly Jacobson

Sample ID: BOTTOM 2 (H001461-02)

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	05/29/2020	ND	2.08	104	2.00	0.544		
Toluene*	<0.050	0.050	05/29/2020	ND	2.02	101	2.00	0.816		
Ethylbenzene*	<0.050	0.050	05/29/2020	ND	2.04	102	2.00	0.686		
Total Xylenes*	<0.150	0.150	05/29/2020	ND	5.82	97.1	6.00	0.854		
Total BTX	<0.300	0.300	05/29/2020	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	<16.0	16.0	06/01/2020	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	05/30/2020	ND	200	100	200	1.66	
DRO >C10-C28*	<10.0	10.0	05/30/2020	ND	190	94.8	200	5.02	
EXT DRO >C28-C36	<10.0	10.0	05/30/2020	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.4 % 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: 05/29/2020
 Reported: 06/01/2020
 Project Name: WYATT AA
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 05/29/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kelly Jacobson

Sample ID: BOTTOM 3 (H001461-03)

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	05/29/2020	ND	2.08	104	2.00	0.544		
Toluene*	<0.050	0.050	05/29/2020	ND	2.02	101	2.00	0.816		
Ethylbenzene*	<0.050	0.050	05/29/2020	ND	2.04	102	2.00	0.686		
Total Xylenes*	<0.150	0.150	05/29/2020	ND	5.82	97.1	6.00	0.854		
Total BTX	<0.300	0.300	05/29/2020	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	<16.0	16.0	06/01/2020	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	05/30/2020	ND	200	100	200	1.66	
DRO >C10-C28*	<10.0	10.0	05/30/2020	ND	190	94.8	200	5.02	
EXT DRO >C28-C36	<10.0	10.0	05/30/2020	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Received: 05/29/2020
 Reported: 06/01/2020
 Project Name: WYATT AA
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 05/29/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kelly Jacobson

Sample ID: BOTTOM 4 (H001461-04)

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	05/29/2020	ND	2.08	104	2.00	0.544		
Toluene*	<0.050	0.050	05/29/2020	ND	2.02	101	2.00	0.816		
Ethylbenzene*	<0.050	0.050	05/29/2020	ND	2.04	102	2.00	0.686		
Total Xylenes*	<0.150	0.150	05/29/2020	ND	5.82	97.1	6.00	0.854		
Total BTX	<0.300	0.300	05/29/2020	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	<16.0	16.0	06/01/2020	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	05/30/2020	ND	200	100	200	1.66	
DRO >C10-C28*	<10.0	10.0	05/30/2020	ND	190	94.8	200	5.02	
EXT DRO >C28-C36	<10.0	10.0	05/30/2020	ND					

Surrogate: 1-Chlorooctane 93.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Received: 05/29/2020
 Reported: 06/01/2020
 Project Name: WYATT AA
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 05/29/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kelly Jacobson

Sample ID: SIDEWALL 1 (H001461-05)

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	05/29/2020	ND	2.08	104	2.00	0.544	
Toluene*	<0.050	0.050	05/29/2020	ND	2.02	101	2.00	0.816	
Ethylbenzene*	<0.050	0.050	05/29/2020	ND	2.04	102	2.00	0.686	
Total Xylenes*	<0.150	0.150	05/29/2020	ND	5.82	97.1	6.00	0.854	
Total BTX	<0.300	0.300	05/29/2020	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	<16.0	16.0	06/01/2020	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	05/30/2020	ND	200	100	200	1.66	
DRO >C10-C28*	<10.0	10.0	05/30/2020	ND	190	94.8	200	5.02	
EXT DRO >C28-C36	<10.0	10.0	05/30/2020	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.2 % 42.2-156

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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: 05/29/2020
 Reported: 06/01/2020
 Project Name: WYATT AA
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 05/29/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kelly Jacobson

Sample ID: SIDEWALL 2 (H001461-06)

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	05/29/2020	ND	2.08	104	2.00	0.544	
Toluene*	<0.050	0.050	05/29/2020	ND	2.02	101	2.00	0.816	
Ethylbenzene*	<0.050	0.050	05/29/2020	ND	2.04	102	2.00	0.686	
Total Xylenes*	<0.150	0.150	05/29/2020	ND	5.82	97.1	6.00	0.854	
Total BTX	<0.300	0.300	05/29/2020	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	<16.0	16.0	06/01/2020	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	05/30/2020	ND	200	100	200	1.66	
DRO >C10-C28*	<10.0	10.0	05/30/2020	ND	190	94.8	200	5.02	
EXT DRO >C28-C36	<10.0	10.0	05/30/2020	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 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: 05/29/2020
 Reported: 06/01/2020
 Project Name: WYATT AA
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 05/29/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kelly Jacobson

Sample ID: SIDEWALL 3 (H001461-07)

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	05/29/2020	ND	2.08	104	2.00	0.544	
Toluene*	<0.050	0.050	05/29/2020	ND	2.02	101	2.00	0.816	
Ethylbenzene*	<0.050	0.050	05/29/2020	ND	2.04	102	2.00	0.686	
Total Xylenes*	<0.150	0.150	05/29/2020	ND	5.82	97.1	6.00	0.854	
Total BTX	<0.300	0.300	05/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	06/01/2020	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	05/30/2020	ND	200	100	200	1.66	
DRO >C10-C28*	<10.0	10.0	05/30/2020	ND	190	94.8	200	5.02	
EXT DRO >C28-C36	<10.0	10.0	05/30/2020	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 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 LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																						
Project Manager: Cliff Brunson				P.O. #:																										
Address: P.O. Box 805				Company: OXY																										
City: Hobbs State: NM Zip: 88241				Attn: WADE																										
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																										
Project #: Project Owner: Oxy				City:																										
Project Name: Wyatt AA				State: Zip:																										
Project Location:				Phone #:																										
Sampler Name: Roger Hernandez				Fax #:																										
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH	EXT												
H001461																														
1	BOTTOM 1	C	1			✓				✓			5-29-20	1030	✓	✓	✓													
2	BOTTOM 2	C	1			✓				✓			5-29-20	1045	✓	✓	✓													
3	BOTTOM 3	C	1			✓				✓			5-29-20	1100	✓	✓	✓													
4	BOTTOM 4	C	1			✓				✓			5-29-20	1115	✓	✓	✓													
5	SIDEWALL 1	C	1			✓				✓			5-29-20	1130	✓	✓	✓													
6	SIDEWALL 2	C	1			✓				✓			5-29-20	1145	✓	✓	✓													
7	SIDEWALL 3	C	1			✓				✓			5-29-20	1200	✓	✓	✓													

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Relinquished By: <i>Roger Hernandez</i>	Date: 5-29-20	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: 3:03			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
Time:			<i>RUSH!</i>	
Delivered By: (Circle One) 6.0°C				
Sampler - UPS - Bus - Other: #113	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>135</i>		

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



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USGS Water Resources

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USGS 324716103392501 17S.33E.33.42244

Lea County, New Mexico
Latitude 32°47'22", Longitude 103°39'34" NAD27
Land-surface elevation 4,063.10 feet above NGVD29
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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
1961-03-10		D	70.40				2			U
1966-02-14		D	125.00				2			U
1971-02-16		D	120.96				2			U
1976-02-18		D	121.30				2			U
1981-01-28		D	121.54				2			U
1986-03-26		D	122.18				2			U
1990-12-11		D	122.34				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.