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E-MAIL: cbrunson@bbcinternational.com

Oxy – SHU #155 (09/22/2016)

REMEDIATION PLAN, RP # 1RP-4495

Oxy will excavate the spill area as depicted on the following site diagram. The entire leak area will be excavated to a depth of 6 inches, except in two small areas around SP1 and SP2, excavation will be completed to a depth of 1.5 feet. The entire site will then be backfilled with clean soil.

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

APPROVED

By Olivia Yu at 10:02 am, Mar 02, 2017

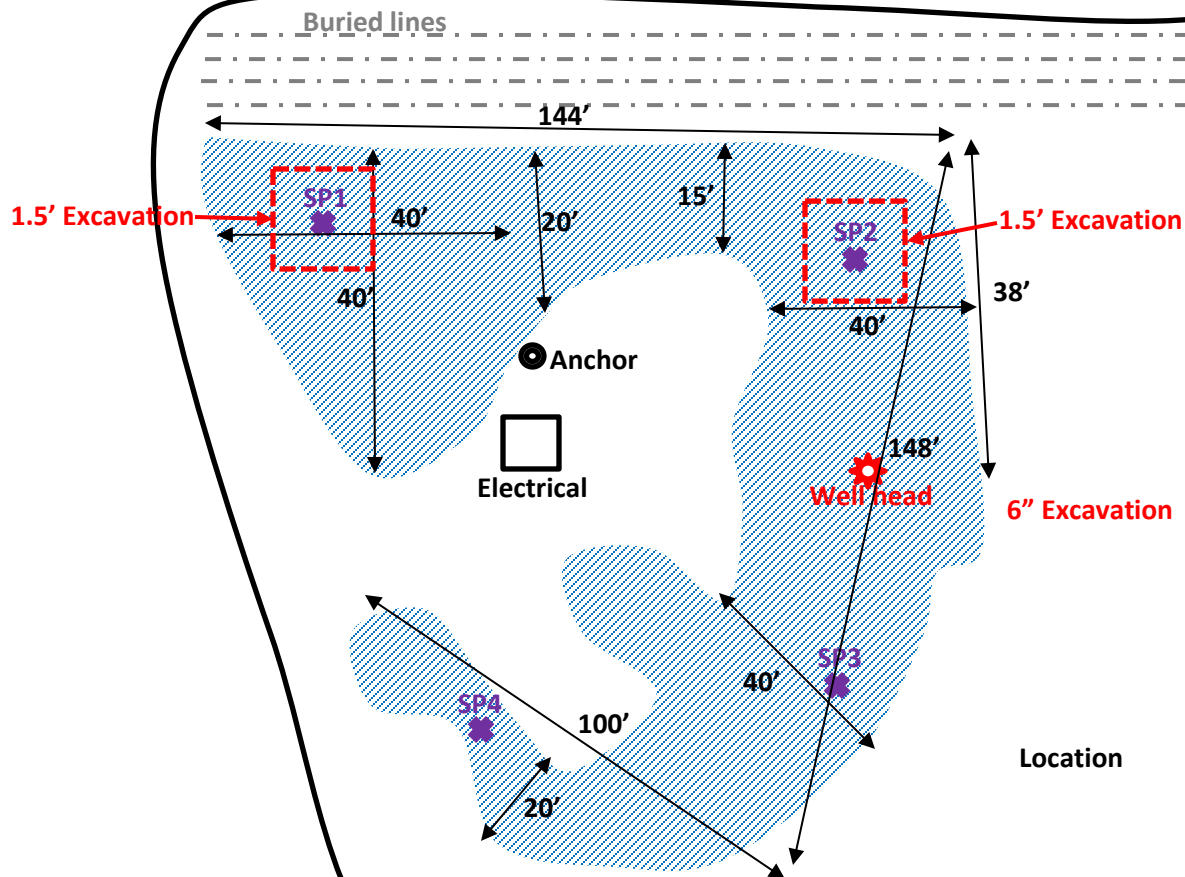
The delineation report for 1RP-4495 is approved with these conditions:

1. A scaled digital map with the extent of the release demarcated will be required for the closure report of this RP.
2. Due to the depth to groundwater, vertically delineate at all 4 sample locations until 250 mg/kg chloride level is obtained and maintained for 10 ft. bgs.



Oxy
SHU #155 (09/22/2016)

Road



U/L B, Section 9, T19S, R38E

Lea County, NM

N 32.67891° W 103.14986°

API# 30-025-28358

BBC International, Inc.

Oxy
SHU #155

Date: 10/05/2016

DRWG by: K. Purvis

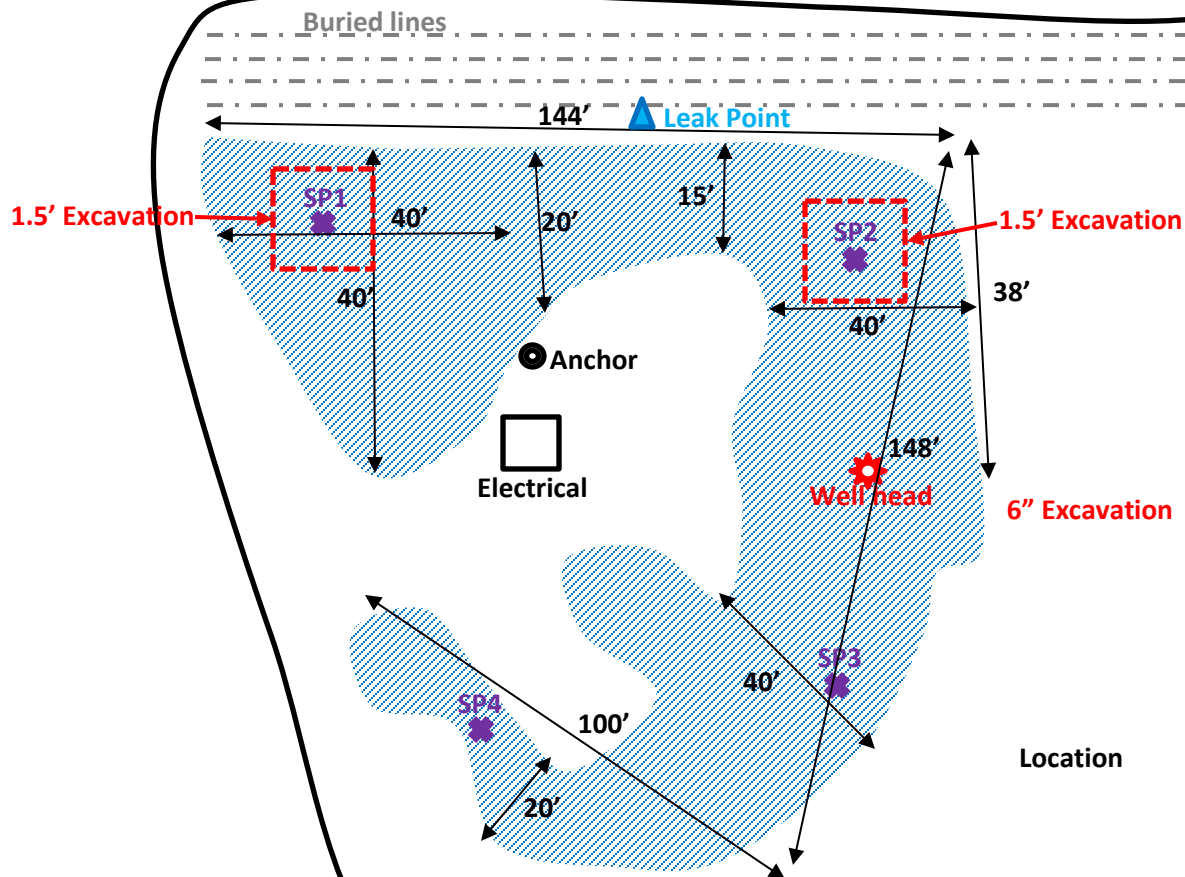
NOT TO SCALE

File: Wasson '16



Oxy
SHU #155 (09/22/2016)

Road



U/L B, Section 9, T19S, R38E

Lea County, NM

N 32.67891° W 103.14986°

API# 30-025-28358

BBC International, Inc.

**Oxy
SHU #155**

Date: 10/05/2016

DRWG by: K. Purvis

NOT TO SCALE

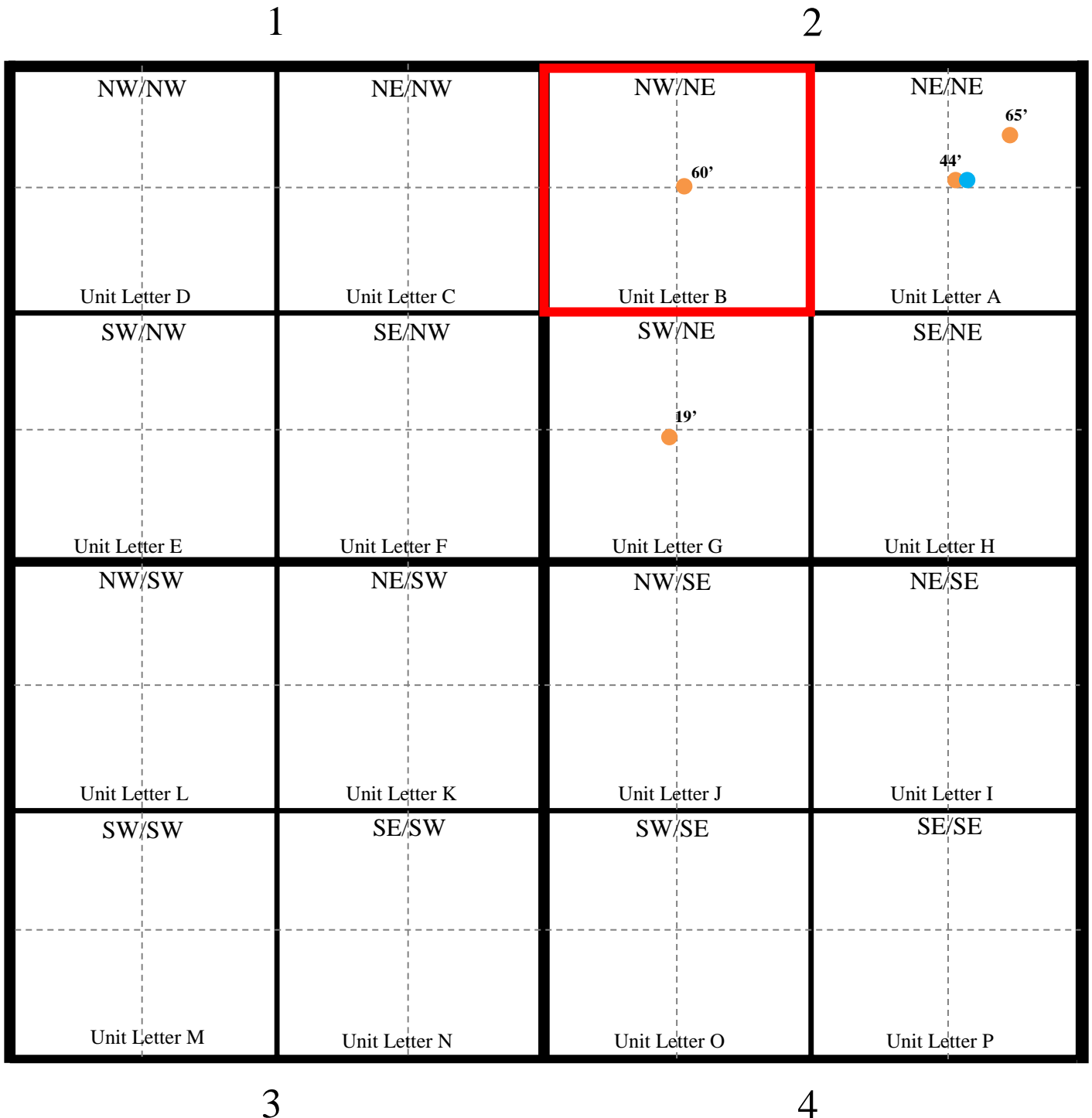
File: Wasson '16

Section Quarters

Oxy SHU #155

County Lea **Unit Letter** B **Section** 9 **Township** 19S **Range** 38E

Trend Map <50'



**Laboratory Analytical Results Summary
SHU #155**

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 1.5'	SP1 @ 2'
Analyte	Method	Date	9/29/16	9/29/16	9/29/16	11/7/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		1380	304	864	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	n/a
DRO	TPH 8015M		661	18.2	82.3	n/a

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	9/29/16	9/29/16	11/7/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		0.053	0.065	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		7440	944	<16.0
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		545	99.5	n/a

		Sample	SP3 @ SURFACE	SP3 @ 1'
Analyte	Method	Date	9/29/16	9/29/16
			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		16	16
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	9/29/16	9/29/16	11/7/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.100	<0.050	n/a
Toluene	BTEX 8021B		0.119	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.100	<0.050	n/a
Total Xylenes	BTEX 8021B		1.87	<0.150	n/a
Total BTEX	BTEX 8021B		1.99	<0.300	n/a
Chloride	SM4500Cl-B		624	432	<16.0
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		10400	16.8	n/a

October 05, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SHU #155

Enclosed are the results of analyses for samples received by the laboratory on 09/30/16 11:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received: 09/30/2016
Reported: 10/05/2016
Project Name: SHU #155
Project Number: NONE GIVEN
Project Location: OXY

Sampling Date: 09/29/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP1 @ SURFACE (H602204-01)

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	10/04/2016	ND	2.26	113	2.00	0.650	
Toluene*	<0.050	0.050	10/04/2016	ND	2.31	115	2.00	0.673	
Ethylbenzene*	<0.050	0.050	10/04/2016	ND	2.23	112	2.00	0.532	
Total Xylenes*	<0.150	0.150	10/04/2016	ND	6.73	112	6.00	0.647	
Total BTX	<0.300	0.300	10/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	10/03/2016	ND	416	104	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	10/03/2016	ND	184	92.0	200	2.29	
DRO >C10-C28	661	10.0	10/03/2016	ND	189	94.6	200	8.65	

Surrogate: 1-Chlorooctane 78.8 % 35-147

Surrogate: 1-Chlorooctadecane 92.9 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Received: 09/30/2016
Reported: 10/05/2016
Project Name: SHU #155
Project Number: NONE GIVEN
Project Location: OXY

Sampling Date: 09/29/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP1 @ 1' (H602204-02)

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	10/04/2016	ND	2.26	113	2.00	0.650	
Toluene*	<0.050	0.050	10/04/2016	ND	2.31	115	2.00	0.673	
Ethylbenzene*	<0.050	0.050	10/04/2016	ND	2.23	112	2.00	0.532	
Total Xylenes*	<0.150	0.150	10/04/2016	ND	6.73	112	6.00	0.647	
Total BTX	<0.300	0.300	10/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/03/2016	ND	416	104	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	10/03/2016	ND	184	92.0	200	2.29	
DRO >C10-C28	18.2	10.0	10/03/2016	ND	189	94.6	200	8.65	

Surrogate: 1-Chlorooctane 99.0 % 35-147

Surrogate: 1-Chlorooctadecane 109 % 28-171

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P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 09/30/2016
Reported: 10/05/2016
Project Name: SHU #155
Project Number: NONE GIVEN
Project Location: OXY

Sampling Date: 09/29/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP1 @ 1.5' (H602204-03)

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	10/04/2016	ND	2.26	113	2.00	0.650	
Toluene*	<0.050	0.050	10/04/2016	ND	2.31	115	2.00	0.673	
Ethylbenzene*	<0.050	0.050	10/04/2016	ND	2.23	112	2.00	0.532	
Total Xylenes*	<0.150	0.150	10/04/2016	ND	6.73	112	6.00	0.647	
Total BTEx	<0.300	0.300	10/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	10/03/2016	ND	416	104	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	10/03/2016	ND	184	92.0	200	2.29	
DRO >C10-C28	82.3	10.0	10/03/2016	ND	189	94.6	200	8.65	

Surrogate: 1-Chlorooctane 95.8 % 35-147

Surrogate: 1-Chlorooctadecane 107 % 28-171

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Received: 09/30/2016
Reported: 10/05/2016
Project Name: SHU #155
Project Number: NONE GIVEN
Project Location: OXY

Sampling Date: 09/29/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP2 @ SURFACE (H602204-04)

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	10/04/2016	ND	2.26	113	2.00	0.650	
Toluene*	<0.050	0.050	10/04/2016	ND	2.31	115	2.00	0.673	
Ethylbenzene*	0.053	0.050	10/04/2016	ND	2.23	112	2.00	0.532	
Total Xylenes*	<0.150	0.150	10/04/2016	ND	6.73	112	6.00	0.647	
Total BTEx	<0.300	0.300	10/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	10/03/2016	ND	416	104	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	10/03/2016	ND	184	92.0	200	2.29	
DRO >C10-C28	545	10.0	10/03/2016	ND	189	94.6	200	8.65	

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 128 % 28-171

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Fax To: (575) 397-0397

Received: 09/30/2016
Reported: 10/05/2016
Project Name: SHU #155
Project Number: NONE GIVEN
Project Location: OXY

Sampling Date: 09/29/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP2 @ 1' (H602204-05)

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	10/04/2016	ND	2.26	113	2.00	0.650	
Toluene*	<0.050	0.050	10/04/2016	ND	2.31	115	2.00	0.673	
Ethylbenzene*	0.065	0.050	10/04/2016	ND	2.23	112	2.00	0.532	
Total Xylenes*	<0.150	0.150	10/04/2016	ND	6.73	112	6.00	0.647	
Total BTEx	<0.300	0.300	10/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	10/03/2016	ND	416	104	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	10/03/2016	ND	184	92.0	200	2.29	
DRO >C10-C28	99.5	10.0	10/03/2016	ND	189	94.6	200	8.65	

Surrogate: 1-Chlorooctane 98.3 % 35-147

Surrogate: 1-Chlorooctadecane 118 % 28-171

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

Received: 09/30/2016
Reported: 10/05/2016
Project Name: SHU #155
Project Number: NONE GIVEN
Project Location: OXY

Sampling Date: 09/29/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP3 @ SURFACE (H602204-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	10/04/2016	ND	2.26	113	2.00	0.650	
Toluene*	0.119	0.100	10/04/2016	ND	2.31	115	2.00	0.673	
Ethylbenzene*	<0.100	0.100	10/04/2016	ND	2.23	112	2.00	0.532	
Total Xylenes*	1.87	0.300	10/04/2016	ND	6.73	112	6.00	0.647	
Total BTX	1.99	0.600	10/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	10/03/2016	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
				S-06					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	316	100	10/04/2016	ND	184	92.0	200	2.29	
DRO >C10-C28	10400	100	10/04/2016	ND	189	94.6	200	8.65	

Surrogate: 1-Chlorooctane 210 % 35-147

Surrogate: 1-Chlorooctadecane 277 % 28-171

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

Received: 09/30/2016
Reported: 10/05/2016
Project Name: SHU #155
Project Number: NONE GIVEN
Project Location: OXY

Sampling Date: 09/29/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP3 @ 1' (H602204-07)

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	10/04/2016	ND	2.26	113	2.00	0.650	
Toluene*	<0.050	0.050	10/04/2016	ND	2.31	115	2.00	0.673	
Ethylbenzene*	<0.050	0.050	10/04/2016	ND	2.23	112	2.00	0.532	
Total Xylenes*	<0.150	0.150	10/04/2016	ND	6.73	112	6.00	0.647	
Total BTX	<0.300	0.300	10/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/03/2016	ND	416	104	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	10/03/2016	ND	184	92.0	200	2.29	
DRO >C10-C28	16.8	10.0	10/03/2016	ND	189	94.6	200	8.65	

Surrogate: 1-Chlorooctane 109 % 35-147

Surrogate: 1-Chlorooctadecane 118 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 09/30/2016
Reported: 10/05/2016
Project Name: SHU #155
Project Number: NONE GIVEN
Project Location: OXY

Sampling Date: 09/29/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP4 @ SURFACE (H602204-08)

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	10/04/2016	ND	2.26	113	2.00	0.650	
Toluene*	<0.050	0.050	10/04/2016	ND	2.31	115	2.00	0.673	
Ethylbenzene*	<0.050	0.050	10/04/2016	ND	2.23	112	2.00	0.532	
Total Xylenes*	<0.150	0.150	10/04/2016	ND	6.73	112	6.00	0.647	
Total BTX	<0.300	0.300	10/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/03/2016	ND	416	104	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	10/03/2016	ND	184	92.0	200	2.29	
DRO >C10-C28	73.8	10.0	10/03/2016	ND	189	94.6	200	8.65	

Surrogate: 1-Chlorooctane 102 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 09/30/2016
 Reported: 10/05/2016
 Project Name: SHU #155
 Project Number: NONE GIVEN
 Project Location: OXY

 Sampling Date: 09/29/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP4 @ 1' (H602204-09)

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	10/04/2016	ND	2.26	113	2.00	0.650	
Toluene*	<0.050	0.050	10/04/2016	ND	2.31	115	2.00	0.673	
Ethylbenzene*	<0.050	0.050	10/04/2016	ND	2.23	112	2.00	0.532	
Total Xylenes*	<0.150	0.150	10/04/2016	ND	6.73	112	6.00	0.647	
Total BTX	<0.300	0.300	10/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/03/2016	ND	416	104	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	10/03/2016	ND	184	92.0	200	2.29	
DRO >C10-C28	<10.0	10.0	10/03/2016	ND	189	94.6	200	8.65	

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 109 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

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.
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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Celey D. Keene, Lab Director/Quality Manager

ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

November 11, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SHU #155

Enclosed are the results of analyses for samples received by the laboratory on 11/07/16 15:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Analytical Results For:

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

 Received: 11/07/2016
 Reported: 11/11/2016
 Project Name: SHU #155
 Project Number: NONE GIVEN
 Project Location: OXY

 Sampling Date: 11/07/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP1 @ 2' (H602513-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/08/2016	ND	432	108	400	0.00		

Sample ID: SP2 @ 2' (H602513-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/08/2016	ND	432	108	400	0.00		

Sample ID: SP4 @ 2' (H602513-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/08/2016	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

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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

10/1

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

HL002513

1 SP102
2 SP202
3 SP402

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE TIME

11-7-16 930
11-7-16 1030
11-7-16 1130

CHLORIDE

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Relinquished By:

Date: 11-7-16

Time: 3:35

Received By:

Received By:

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition
☒ Cool ☐ Intact
☒ Yes ☐ No

CHECKED BY: (initials)

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

#75

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

Form C-141
Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian	Contact	Tony Aguilar
Address	1017 W. Stanolind Road	Telephone No.	(575) 397-8251
Facility Name	SHU #155	Facility Type	Well
Surface Owner	Oxy	Mineral Owner	
		API No.	30-025-28358

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	9	19S	38E					Lea County, NM

Latitude N 32.67891° Longitude W 103.14986°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	2 bbl oil, 23 bbls of produced water	Volume Recovered	2 bbls oil, 20 bbls produced water
Source of Release	Stress/fatigue of 4" fiberglass flow line	Date and Hour of Occurrence	09/22/2016	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Kristen Lynch, Jamie Keyes- NMOCD		
By Whom?	Tony Aguilar	Date and Hour	09/22/2016 @ 1:10 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

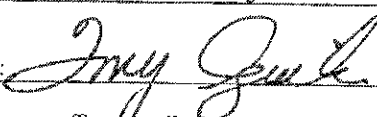
Describe Cause of Problem and Remedial Action Taken.*

Stress/fatigue of a 4" fiberglass flow line caused a leak of 2 bbls of oil and 23 bbls of produced water. A vacuum truck recovered 2 bbls of oil and 20 bbls of produced water and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 150' x 200' on location. Remediation will be completed in accordance with a remediation plan approved by NMOCD.

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

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Tony Aguilar	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Raymond.aguilar@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 10/5/16	Phone: (575) 397-8251		

* Attach Additional Sheets If Necessary