



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

OXY – FNR 26 FEDERAL #1 CTB (6/6/15)

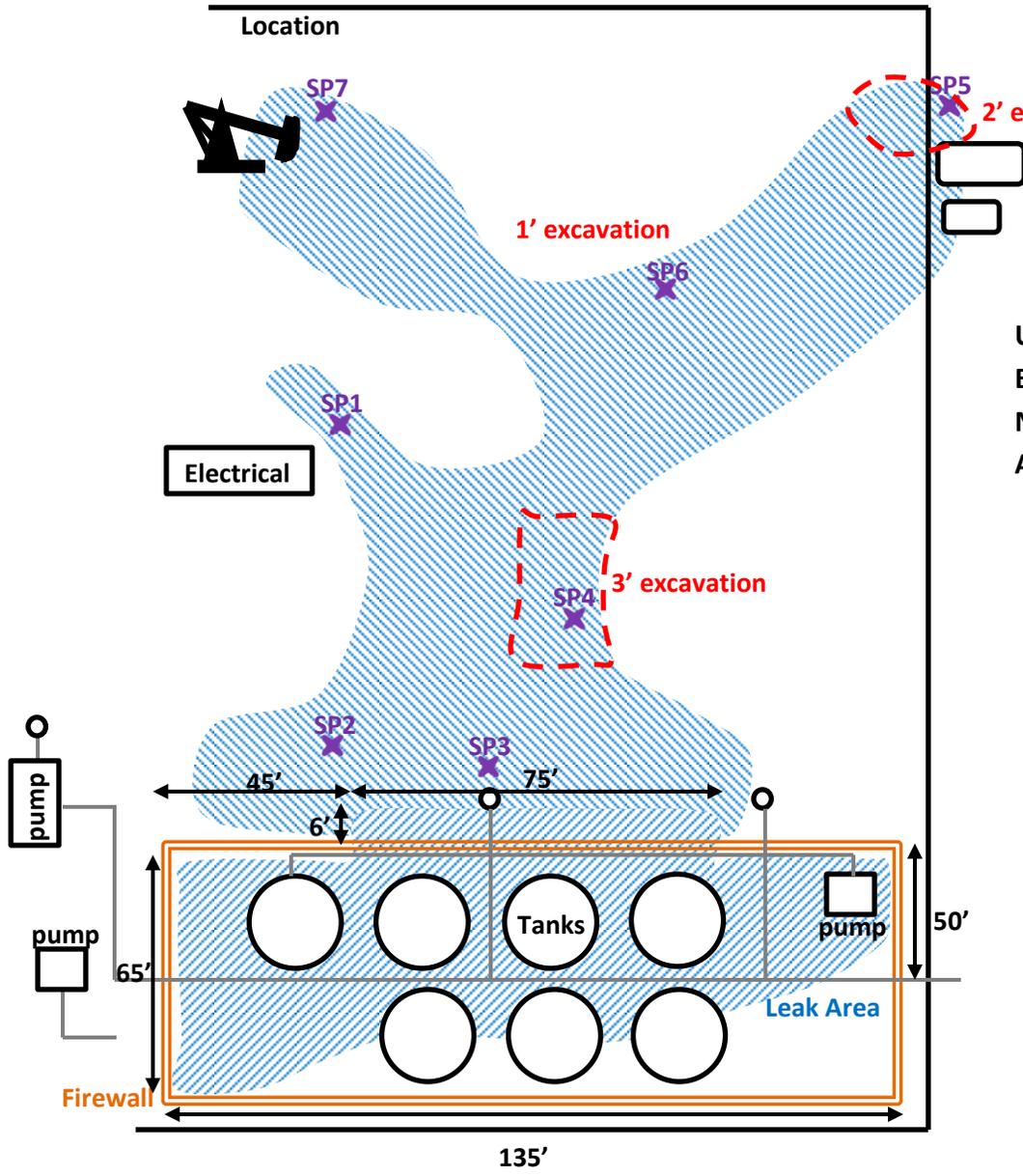
REMEDIATION PLAN

OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 1 foot. In the area near SP4, the excavation will be to a depth of 3 feet. In the area near SP5, the excavation will be to a depth of 2 feet. The lined area will be cleaned out as well. All excavated materials will be disposed of at an NMOCD-approved disposal facility.

The site will then be backfilled with clean soil.



Oxy
FNR 26 Federal #1 CTB (6/6/15)



U/L M, Section 26, T23S, R30E
Eddy County, NM
N 32.27028° W 103.85809° at stake
API# 30-015-30412

Lined Battery

BBC International, Inc.	
Oxy	
FNR 26 Federal #1 CTB	
Date: 7/15/15	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2015

Groundwater Plot

Oxy FNR 26 Federal #1 CTB

County
Eddy

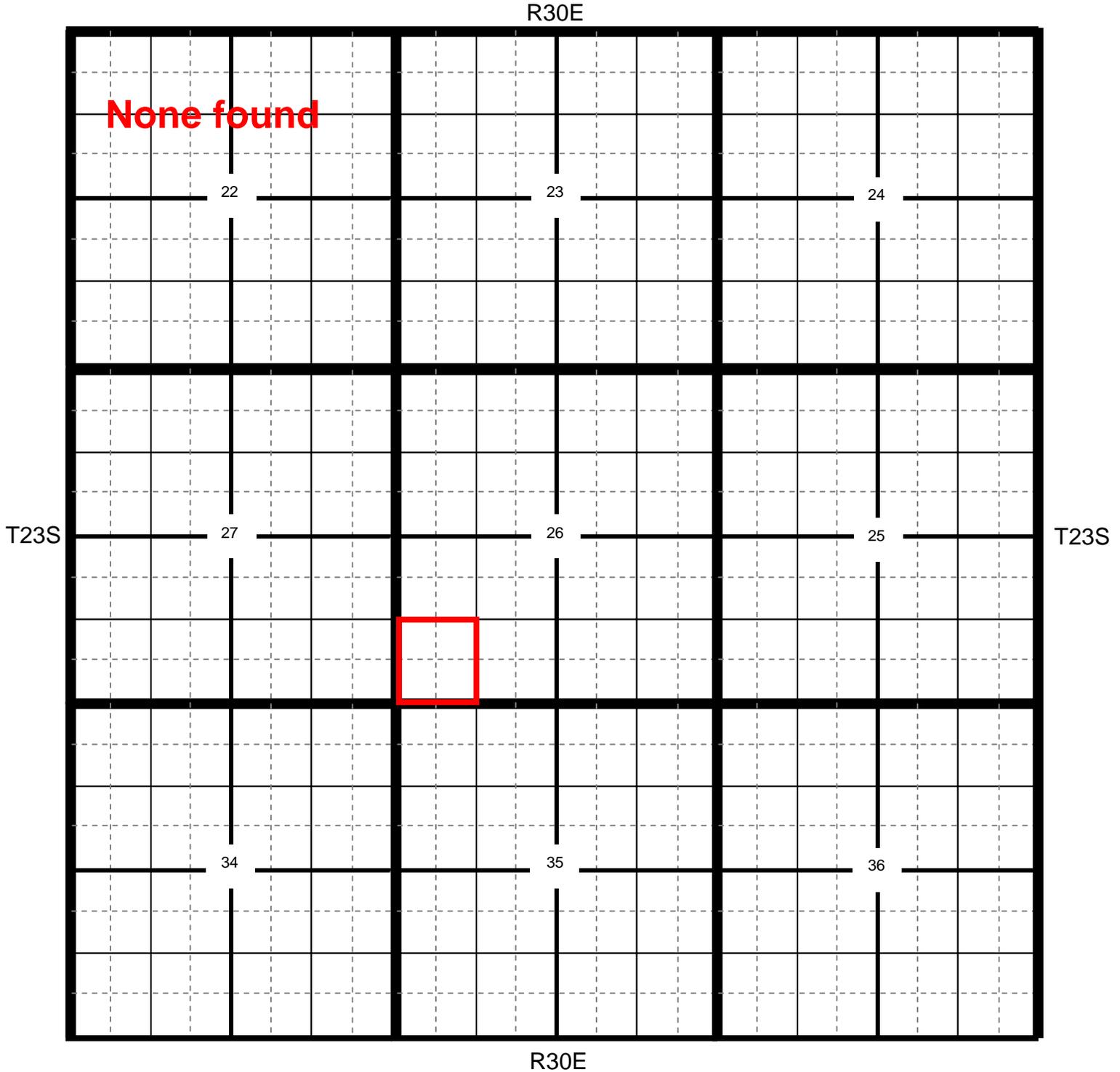
Unit Letter
M

Section
26

Township
23S

Range
30E

Trend Map 350'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Oxy FNR Federal #1 CTB

County Eddy Unit Letter M Section 26 Township 23S Range 30E

Trend Map 350'

1

2

NW/NW None found	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

Laboratory Analytical Results Summary
FNR 26 Federal #1 CTB (6/6/15)

Analyte	Method	Sample Date	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
			7/13/15	7/13/15	7/13/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a
Chloride	SM4500CI-B		1120	80	32
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a

Analyte	Method	Sample Date	SP2 @ 1'	SP2 @ 2'
			7/13/15	7/13/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500CI-B		96	96
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

Analyte	Method	Sample Date	SP3 @ 1'	SP3 @ 2'
			7/13/15	7/13/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500CI-B		80	48
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

Analyte	Method	Sample Date	SP4 @ 1'	SP4 @ 2'	SP4 @ 4'	SP4 @ 6'	SP4 @ 8'	SP4 @ 10'
			7/13/15	7/13/15	7/13/15	7/13/15	7/13/15	7/14/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		1390	1660	192	816	416	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a

Analyte	Method	Sample Date	SP5 @ 1'	SP5 @ 2'	SP5 @ 4'	SP5 @ 6'	SP5 @ 7'
			7/14/15	7/14/15	7/14/15	7/14/15	7/14/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		4320	720	688	496	64
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

Analyte	Method	Sample Date	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'	SP6 @ 4'
			7/14/15	7/14/15	7/14/15	7/14/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a
Chloride	SM4500CI-B		496	336	416	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a

Analyte	Method	Sample Date	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'	SP7 @ 4'
			7/14/15	7/14/15	7/14/15	7/14/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a
Chloride	SM4500CI-B		528	400	432	256
GRO	TPH 8015M		<10.0	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a



July 23, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: FNR 26 #1

Enclosed are the results of analyses for samples received by the laboratory on 07/17/15 11:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For 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:	07/17/2015	Sampling Date:	07/13/2015
Reported:	07/23/2015	Sampling Type:	Soil
Project Name:	FNR 26 #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	TWIN WELLS ROAD		

Sample ID: SP1 @ 1' (H501846-01)

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	07/22/2015	ND	2.03	102	2.00	2.87		
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55		
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261		
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436		
Total BTEX	<0.300	0.300	07/22/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	07/22/2015	ND	416	104	400	7.41		

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	07/21/2015	ND	179	89.6	200	4.76		
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	182	90.9	200	10.5		

Surrogate: 1-Chlorooctane 78.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 92.8 % 52.1-176

Sample ID: SP1 @ 2' (H501846-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/22/2015	ND	416	104	400	3.92		

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*=Accredited Analyte

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Mike Snyder For 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: 07/17/2015
 Reported: 07/23/2015
 Project Name: FNR 26 #1
 Project Number: NONE GIVEN
 Project Location: TWIN WELLS ROAD

 Sampling Date: 07/13/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP1 @ 3' (H501846-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP2 @ 1' (H501846-04)

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	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTEX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2015	ND	416	104	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	07/21/2015	ND	179	89.6	200	4.76	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	182	90.9	200	10.5	

Surrogate: 1-Chlorooctane 75.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 87.1 % 52.1-176

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*=Accredited Analyte

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Mike Snyder For 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: 07/17/2015
 Reported: 07/23/2015
 Project Name: FNR 26 #1
 Project Number: NONE GIVEN
 Project Location: TWIN WELLS ROAD

 Sampling Date: 07/13/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP2 @ 2' (H501846-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP3 @ 1' (H501846-06)

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	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTEX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/22/2015	ND	416	104	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	07/21/2015	ND	179	89.6	200	4.76	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	182	90.9	200	10.5	

Surrogate: 1-Chlorooctane 80.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 91.6 % 52.1-176

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*=Accredited Analyte

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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: 07/17/2015
 Reported: 07/23/2015
 Project Name: FNR 26 #1
 Project Number: NONE GIVEN
 Project Location: TWIN WELLS ROAD

 Sampling Date: 07/13/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP3 @ 2' (H501846-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP4 @ 1' (H501846-08)

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	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTEX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	07/22/2015	ND	416	104	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	07/21/2015	ND	179	89.6	200	4.76	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	182	90.9	200	10.5	

Surrogate: 1-Chlorooctane 79.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 89.5 % 52.1-176

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Mike Snyder For 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: 07/17/2015
 Reported: 07/23/2015
 Project Name: FNR 26 #1
 Project Number: NONE GIVEN
 Project Location: TWIN WELLS ROAD

 Sampling Date: 07/13/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP4 @ 2' (H501846-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP4 @ 4' (H501846-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP4 @ 6' (H501846-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP4 @ 8' (H501846-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP4 @ 10' (H501846-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2015	ND	416	104	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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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:	07/17/2015	Sampling Date:	07/14/2015
Reported:	07/23/2015	Sampling Type:	Soil
Project Name:	FNR 26 #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	TWIN WELLS ROAD		

Sample ID: SP5 @ 1' (H501846-14)

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	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTEX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	07/22/2015	ND	416	104	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	07/21/2015	ND	179	89.6	200	4.76	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	182	90.9	200	10.5	

Surrogate: 1-Chlorooctane 73.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 87.0 % 52.1-176

Sample ID: SP5 @ 2' (H501846-15)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	07/22/2015	ND	416	104	400	3.92	

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Mike Snyder For 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: 07/17/2015
 Reported: 07/23/2015
 Project Name: FNR 26 #1
 Project Number: NONE GIVEN
 Project Location: TWIN WELLS ROAD

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP5 @ 4' (H501846-16)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP5 @ 6' (H501846-17)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP5 @ 7' (H501846-18)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2015	ND	416	104	400	3.92	

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Mike Snyder For 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:	07/17/2015	Sampling Date:	07/14/2015
Reported:	07/23/2015	Sampling Type:	Soil
Project Name:	FNR 26 #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	TWIN WELLS ROAD		

Sample ID: SP6 @ 1' (H501846-19)

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	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTEX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/22/2015	ND	416	104	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	07/21/2015	ND	179	89.6	200	4.76	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	182	90.9	200	10.5	

Surrogate: 1-Chlorooctane 80.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 90.2 % 52.1-176

Sample ID: SP6 @ 2' (H501846-20)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/22/2015	ND	416	104	400	3.92	

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Mike Snyder For 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: 07/17/2015
 Reported: 07/23/2015
 Project Name: FNR 26 #1
 Project Number: NONE GIVEN
 Project Location: TWIN WELLS ROAD

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP6 @ 3' (H501846-21)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/22/2015	ND	416	104	400	3.92	

Sample ID: SP6 @ 4' (H501846-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2015	ND	432	108	400	3.77	

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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: 07/17/2015
 Reported: 07/23/2015
 Project Name: FNR 26 #1
 Project Number: NONE GIVEN
 Project Location: TWIN WELLS ROAD

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP7 @ 1' (H501846-23)

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	07/22/2015	ND	2.03	102	2.00	2.87	
Toluene*	<0.050	0.050	07/22/2015	ND	2.00	99.8	2.00	1.55	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.10	105	2.00	0.261	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.49	91.4	6.00	0.436	
Total BTEX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/22/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/21/2015	ND	179	89.6	200	4.76	
DRO >C10-C28	<10.0	10.0	07/21/2015	ND	182	90.9	200	10.5	

Surrogate: 1-Chlorooctane 73.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.6 % 52.1-176

Sample ID: SP7 @ 2' (H501846-24)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	07/22/2015	ND	432	108	400	3.77	

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Mike Snyder For 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: 07/17/2015
 Reported: 07/23/2015
 Project Name: FNR 26 #1
 Project Number: NONE GIVEN
 Project Location: TWIN WELLS ROAD

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP7 @ 3' (H501846-25)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/22/2015	ND	432	108	400	3.77	

Sample ID: SP7 @ 4' (H501846-26)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/22/2015	ND	432	108	400	3.77	

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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



Mike Snyder For 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

3 of 3

BILL TO ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: OLY
 Project Name: FNR 26 # 1
 Project Location: F
 Sampler Name: Roger Hernandez
 P.O. #: Company: Attn: Address: SAME
 City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING DATE	TIME	TPH	BTEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER						
21	SP 6 e 3'	✓	1	✓	✓	✓	✓	✓	✓	2-14-15	1232	✓	✓	✓	
23	SP 7 e 4'	✓	1	✓	✓	✓	✓	✓	✓	2-14-15	1245	✓	✓	✓	
23	SP 7 e 1'	✓	1	✓	✓	✓	✓	✓	✓	2-14-15	138	✓	✓	✓	
24	e 2'	✓	1	✓	✓	✓	✓	✓	✓	2-14-15	148	✓	✓	✓	
25	e 3'	✓	1	✓	✓	✓	✓	✓	✓	2-14-15	200	✓	✓	✓	
26	e 4'	✓	1	✓	✓	✓	✓	✓	✓	2-14-15	211	✓	✓	✓	

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Relinquished By: [Signature] Date: 2-16-15 Time: 5:00
 Received By: Judy Barcia Date: 1/17/15 Time: 11:20
 Delivered By: (Circle One) UPS - Bus - Other: 1.20
 Sample Condition: Cool Intact Yes No
 Checked By: [Signature] (Initials)
 Phone Result: Yes No Add'l Phone #: Add'l Fax #:
 Remarks:

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

#54

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

Form C-141
Revised August 8, 2011

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 Ltd.	Contact	CJ Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(432) 685-5824
Facility Name	FNR 26 Federal #1 CTB	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-30412

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	26	23S	30E					Eddy County, NM

Latitude N 32.27028° Longitude W 103.85809°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	18 bbls	Volume Recovered	0 bbls
Source of Release	Loadline valve left open	Date and Hour of Occurrence	06/06/2015	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher and Heather Patterson-NMOCD, Jim Amos-BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	06/10/2015 @ 9:51 am		
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.*

A loadline valve was left open and leaked 18 bbls of produced water onto the ground. No fluids were recovered and the valve was properly closed.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 135' x 65' with most of the leak staying inside the lined battery on location. A small area measuring 6' x 75' leaked just north of the lined facility. Remediation will be completed according to a remediation plan approved by both the BLM and 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: CJ Summers	Approved by Environmental Specialist:	
Title: HES Lead	Approval Date:	Expiration Date:
E-mail Address: chancey_summers@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <u>7-13-15</u> Phone: (432) 685-5824		

* Attach Additional Sheets If Necessary