



RECEIVED

By OCD District 1 at 10:43 am, Aug 18, 2015

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 – FERGUSON LEAK – SHU #3 10" FIBERGLASS LINE

APPROVED

By OCD District 1 at 10:43 am, Aug 18, 2015

REMEDIATION PLAN

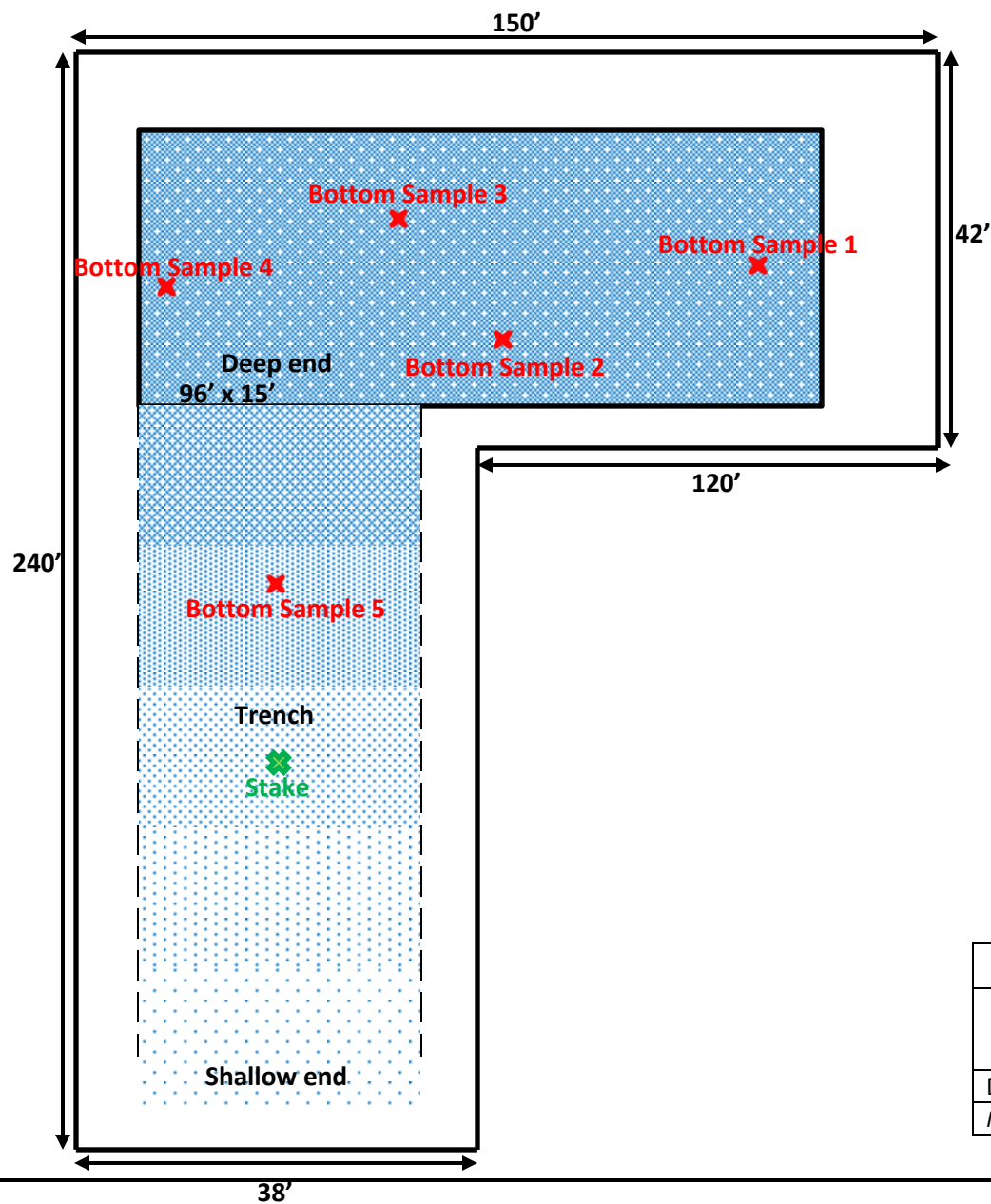
Geotagged photos of remediation required.

Ferguson had hydrovaced the spill area for several days and then BBC sampled the spill area as depicted on the attached site diagram.

After discussion with the NMOCD about the laboratory results, permission was granted to backfill the site.



Ferguson for Oxy
SHU #3 10" Fiberglass Pipeline



U/L L, Section 34, T18S, R38E
Lea County, NM
N 32.70185° W 103.14348°
API# 30-025-07569

BBC International, Inc.

Ferguson for Oxy
SHU #3 10" Fiberglass Pipeline

Date: 08/05/2015

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2015

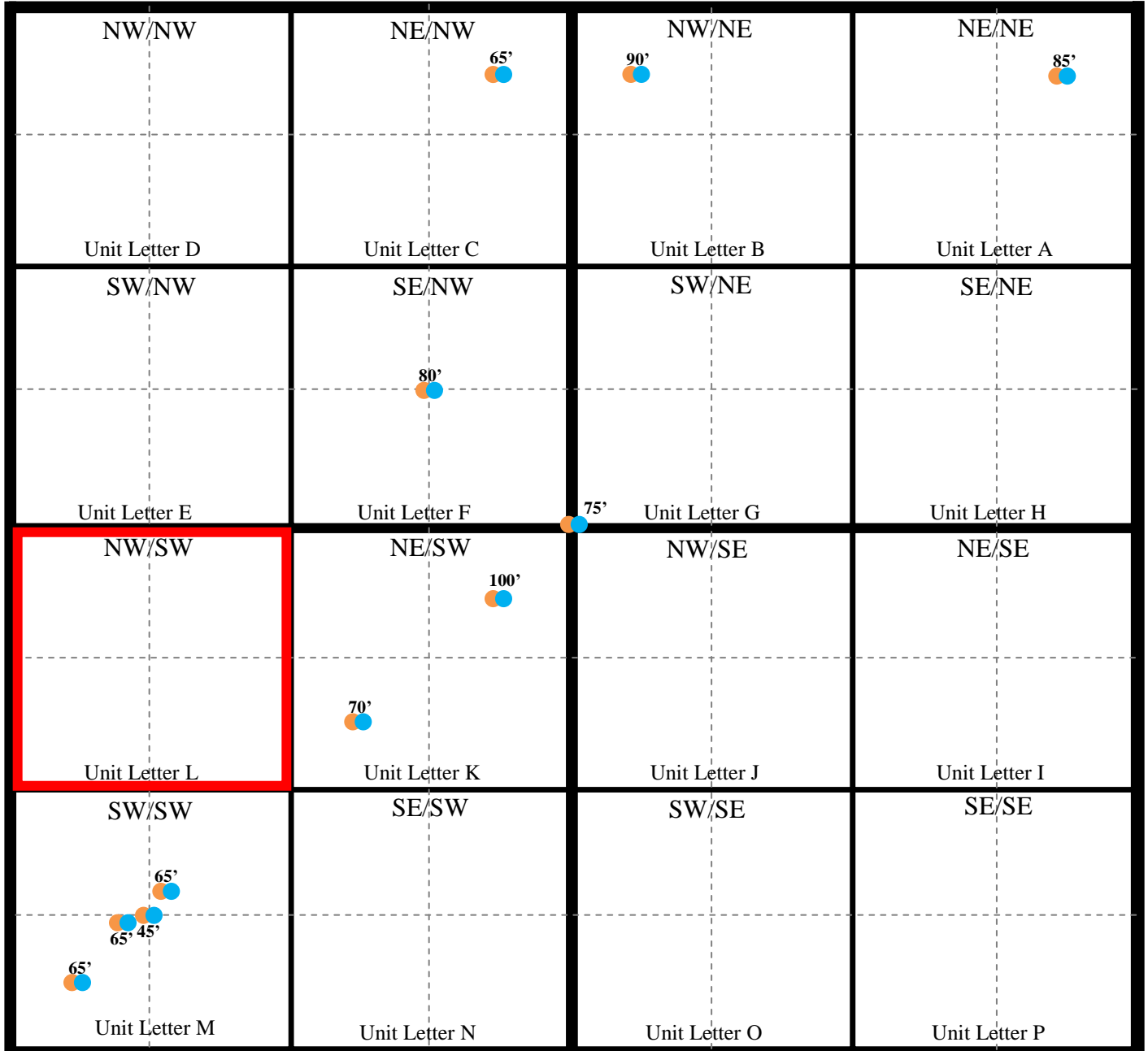
Ferguson for Oxy SHU #3 10" Fiberglass Pipeline

County	Unit Letter	Section	Township	Range
Lea	L	34	T18S	R38E

Trend Map 75'

1

2



3

4

**Laboratory Analytical Results Summary
Ferguson for Oxy 10" Fiberglass pipeline**

		Sample	BOTTOM SAMPLE 1 @ 15'	BOTTOM SAMPLE 2 @ 15'	BOTTOM SAMPLE 3 @ 15'	BOTTOM SAMPLE 4 @ 15'	BOTTOM SAMPLE 5 @ 15'
Analyte	Method	Date	8/10/15	8/10/15	8/10/15	8/10/15	8/10/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	0.052	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	0.057	0.227	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	0.3	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	0.951	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	1.53	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	48	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	10.5	<10.0	<10.0
DRO	TPH 8015M		<10.0	178	164	25.2	<10.0



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

August 11, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: OXY 10" FG PRODUCTION LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/10/15 13:40.

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 "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:	08/10/2015	Sampling Date:	08/10/2015
Reported:	08/11/2015	Sampling Type:	Soil
Project Name:	OXY 10" FG PRODUCTION LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: BOTTOM SAMPLE 1 @ 15' (H502073-01)

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	08/11/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	<0.050	0.050	08/11/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 85.6-137

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	08/11/2015	ND	384	96.0	400	8.00	

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	08/10/2015	ND	204	102	200	5.09	
DRO >C10-C28	<10.0	10.0	08/10/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane 113 % 47.2-157

Surrogate: 1-Chlorooctadecane 148 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	08/10/2015	Sampling Date:	08/10/2015
Reported:	08/11/2015	Sampling Type:	Soil
Project Name:	OXY 10" FG PRODUCTION LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: BOTTOM SAMPLE 2 @ 15' (H502073-02)

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	08/11/2015	ND	2.00	99.9	2.00	1.69		
Toluene*	0.057	0.050	08/11/2015	ND	2.14	107	2.00	4.39		
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.06	103	2.00	7.49		
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.12	102	6.00	6.95		
Total BTEX	<0.300	0.300	08/11/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 85.6-137

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	08/11/2015	ND	384	96.0	400	8.00	

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	08/11/2015	ND	204	102	200	5.09	
DRO >C10-C28	178	10.0	08/11/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane 112 % 47.2-157

Surrogate: 1-Chlorooctadecane 138 % 52.1-176

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Received:	08/10/2015	Sampling Date:	08/10/2015
Reported:	08/11/2015	Sampling Type:	Soil
Project Name:	OXY 10" FG PRODUCTION LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: BOTTOM SAMPLE 3 @ 15' (H502073-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.052	0.050	08/11/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	0.227	0.050	08/11/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	0.300	0.050	08/11/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	0.951	0.150	08/11/2015	ND	6.12	102	6.00	6.95	
Total BTX	1.53	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	48.0	16.0	08/11/2015	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	10.5	10.0	08/11/2015	ND	204	102	200	5.09	
DRO >C10-C28	164	10.0	08/11/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane 124 % 47.2-157

Surrogate: 1-Chlorooctadecane 152 % 52.1-176

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

Received:	08/10/2015	Sampling Date:	08/10/2015
Reported:	08/11/2015	Sampling Type:	Soil
Project Name:	OXY 10" FG PRODUCTION LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: BOTTOM SAMPLE 4 @ 15' (H502073-04)

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	08/11/2015	ND	2.00	99.9	2.00	1.69		
Toluene*	<0.050	0.050	08/11/2015	ND	2.14	107	2.00	4.39		
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.06	103	2.00	7.49		
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.12	102	6.00	6.95		
Total BTEx	<0.300	0.300	08/11/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	08/11/2015	ND	384	96.0	400	8.00		

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	08/11/2015	ND	204	102	200	5.09	
DRO >C10-C28	25.2	10.0	08/11/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane 117 % 47.2-157

Surrogate: 1-Chlorooctadecane 150 % 52.1-176

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Analytical Results For:

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

Received:	08/10/2015	Sampling Date:	08/10/2015
Reported:	08/11/2015	Sampling Type:	Soil
Project Name:	OXY 10" FG PRODUCTION LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: BOTTOM SAMPLE 5 @ 15' (H502073-05)

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	08/11/2015	ND	2.00	99.9	2.00	1.69		
Toluene*	<0.050	0.050	08/11/2015	ND	2.14	107	2.00	4.39		
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.06	103	2.00	7.49		
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.12	102	6.00	6.95		
Total BTEX	<0.300	0.300	08/11/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 85.6-137

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	08/11/2015	ND	384	96.0	400	8.00		

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	08/11/2015	ND	204	102	200	5.09	
DRO >C10-C28	<10.0	10.0	08/11/2015	ND	189	94.4	200	13.2	

Surrogate: 1-Chlorooctane 115 % 47.2-157

Surrogate: 1-Chlorooctadecane 146 % 52.1-176

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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

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Celey D. Keene, Lab Director/Quality Manager



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as to (575):

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	Ferguson Construction Co.	Contact	Misty Hein
Address	200 South Commercial, Lovington, NM 88260	Telephone No.	(575) 396-3689
Facility Name	SHU #3 10" Fiberglass Pipeline	Facility Type	Pipeline
Surface Owner	Oxy	Mineral Owner	
		API No.	30-025-07569

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	34	18S	38E					Lea County, NM

Latitude N 32.70185° Longitude W 103.14348°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	5 bbls oil, 395 bbls produced water	Volume Recovered	190 bbls
Source of Release	Contractor struck line during backhoe operations	Date and Hour of Occurrence	07/30/2015	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?	Kellie Jones, NMOCD		
By Whom?	Tony Aguilar	Date and Hour	07/30/2015		
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.*

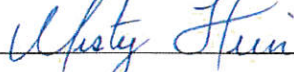
Ferguson Construction Co. struck a 10" fiberglass pipeline during backhoe operations causing 5 bbls of oil and 395 bbls of produced water to leak onto the ground. A vacuum truck recovered 190 bbls and the pipeline was repaired.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 240' x 150' with most of the leak settling in the trench area. 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist:		
Printed Name: Misty Hein	Approval Date:		
Title: Vice President	Expiration Date:		Attached <input type="checkbox"/>
E-mail Address: mistyh@fergusoncc.com	Conditions of Approval:		
Date: <u>8-7-2015</u>	Phone: (575) 396-3689		

* Attach Additional Sheets If Necessary