

Closure Report

RECEIVED

By OCD District 1 at 8:25 am, Sep 09, 2015

Site Description

APPROVED

By OCD District 1 at 8:25 am, Sep 09, 2015

Site Name:	SHU #3 10" Fiberglass Pipeline
Company:	Ferguson Construction Co.
Legal Description:	U/L L, Section 34, T18S, R38E
County:	Lea County, NM
GPS Coordinates:	N 32.70185° W 103.14348°

Release Data

Date of Release:	07/30/2015
Type of Release:	Oil and produced water
Source of Release:	Contractor struck line during backhoe operations
Volume of Release:	5 bbls oil and 395 bbls produced water
Volume Recovered:	190 bbls

Remediation Specifications

Remediation Parameters:	Ferguson Construction completed hydrovac services for several days prior to BBC International sampling the impacted area. Once sample analysis was discussed with NMOCD, permission was granted to backfill the site.
Remediation Activities:	Unknown date, completed by Ferguson Construction Co.

Plan Sent to OCD:	08/17/2015	Email from Cliff Brunson to Jamie Keyes
OCD Approval of Plan:	08/18/2015	Email from Jamie Keyes to Cliff Brunson
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

Supporting Documentation

Initial C-141	Signed 08/07/2015
Final C-141	Signed 09/04/2015
Site Diagram	August 2015
Groundwater Plot	75'
TOPO Maps	August 2015
Lab Summary	08/10/2015
Lab Analysis	08/10/2015
Correspondence	Request and approval of remediation plan via email

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.

09/08/2015

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.*

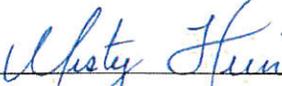
Ferguson Construction Co. struck a 10" fiberglass pipeline during backhoe operations causing 5 bbls of oil and 395 bbls of produced water to leak onto the ground. A vacuum truck recovered 190 bbls and the pipeline was repaired.

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: 

Printed Name: Misty Hein

Approved by Environmental Specialist:

Title: Vice President

Approval Date:

Expiration Date:

E-mail Address: mistyh@fergusoncc.com

Conditions of Approval:

Attached

Date: 8-7-2015 Phone: (575) 396-3689

* Attach Additional Sheets If Necessary

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.*

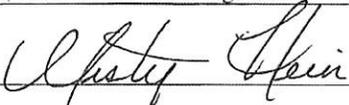
Ferguson Construction Co. struck a 10" fiberglass pipeline during backhoe operations causing 5 bbls of oil and 395 bbls of produced water to leak onto the ground. A vacuum truck recovered 190 bbls and the pipeline was repaired. Hydrovac services were completed prior to delineation of the area.

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 was completed in accordance with the remediation plan approved by Jamie Keyes of NMOCD via email on 08/18/2015.

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.

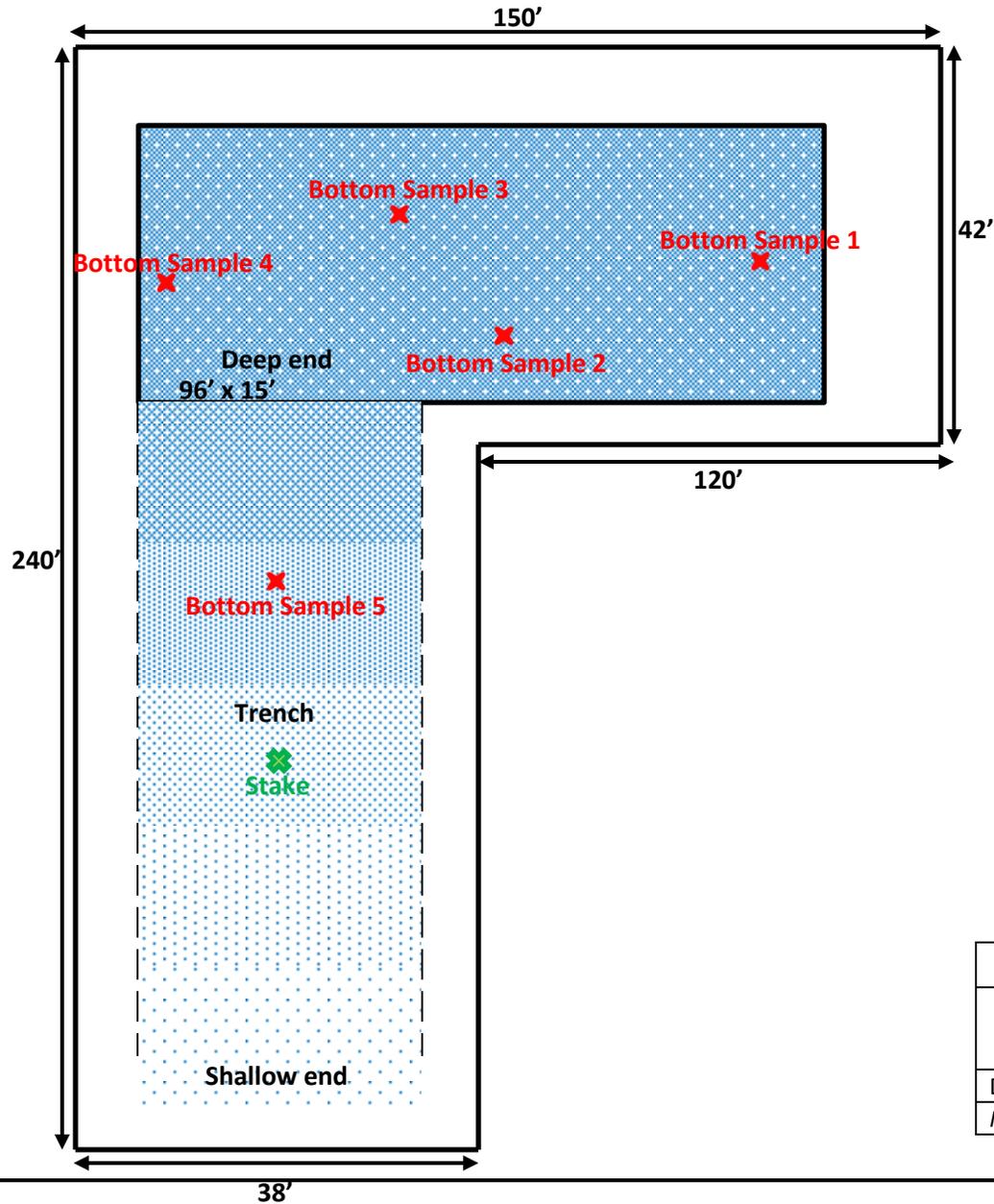
OIL CONSERVATION DIVISION

Signature:		Approved by Environmental Specialist:			
Printed Name:	Misty Hein	Approval Date:	09/09/2015	Expiration Date:	///
Title:	Vice President	Conditions of Approval:	///		Attached <input type="checkbox"/>
E-mail Address:	mistyh@fergusoncc.com			1RP 3794	
Date:	9/4/15	Phone:	(575) 396-3689		

* Attach Additional Sheets If Necessary



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

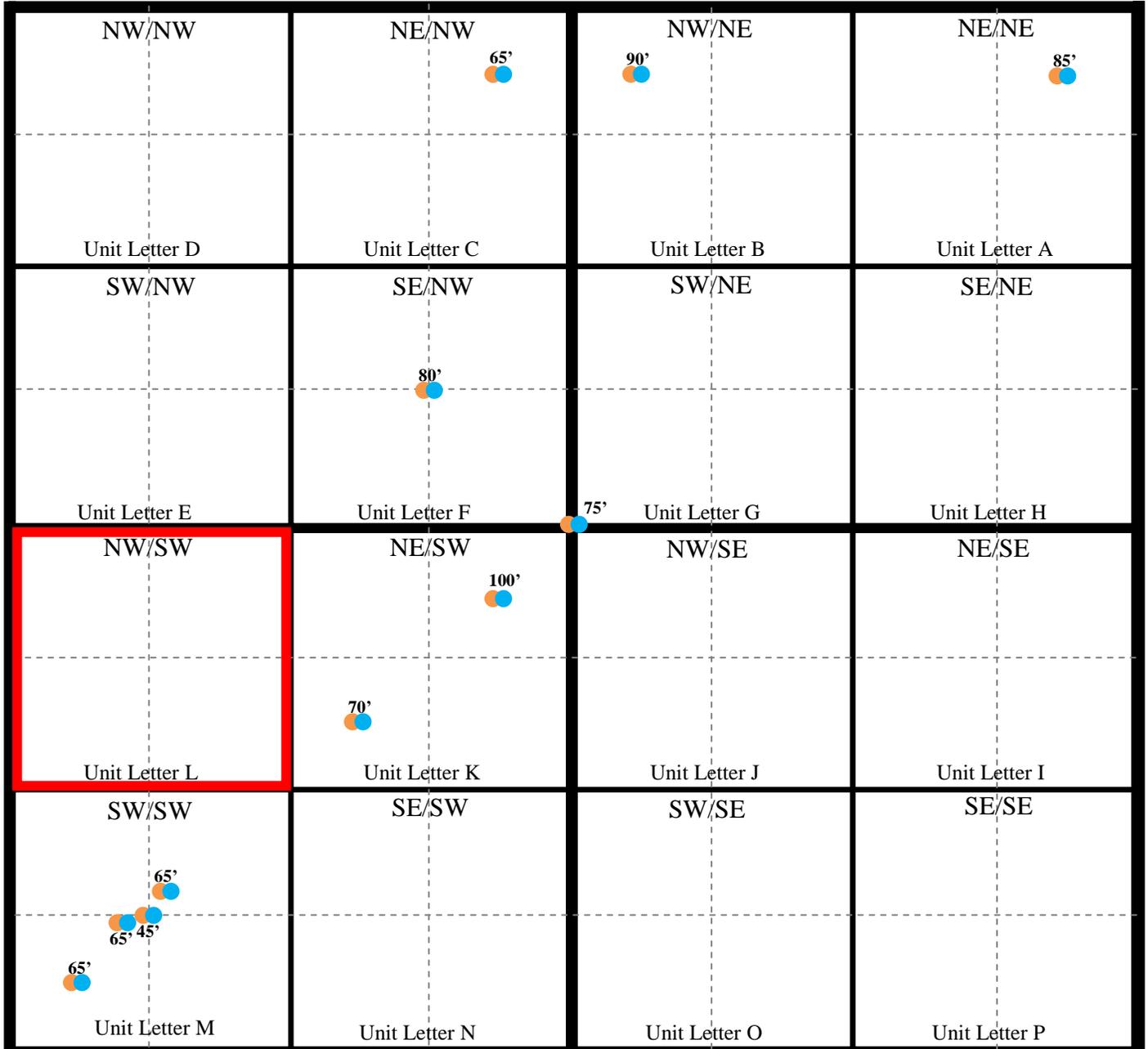
Ferguson for Oxy SHU #3 10" Fiberglass Pipeline

County Lea	Unit Letter L	Section 34	Township T18S	Range R38E
----------------------	-------------------------	----------------------	-------------------------	----------------------

Trend Map 75'

1

2

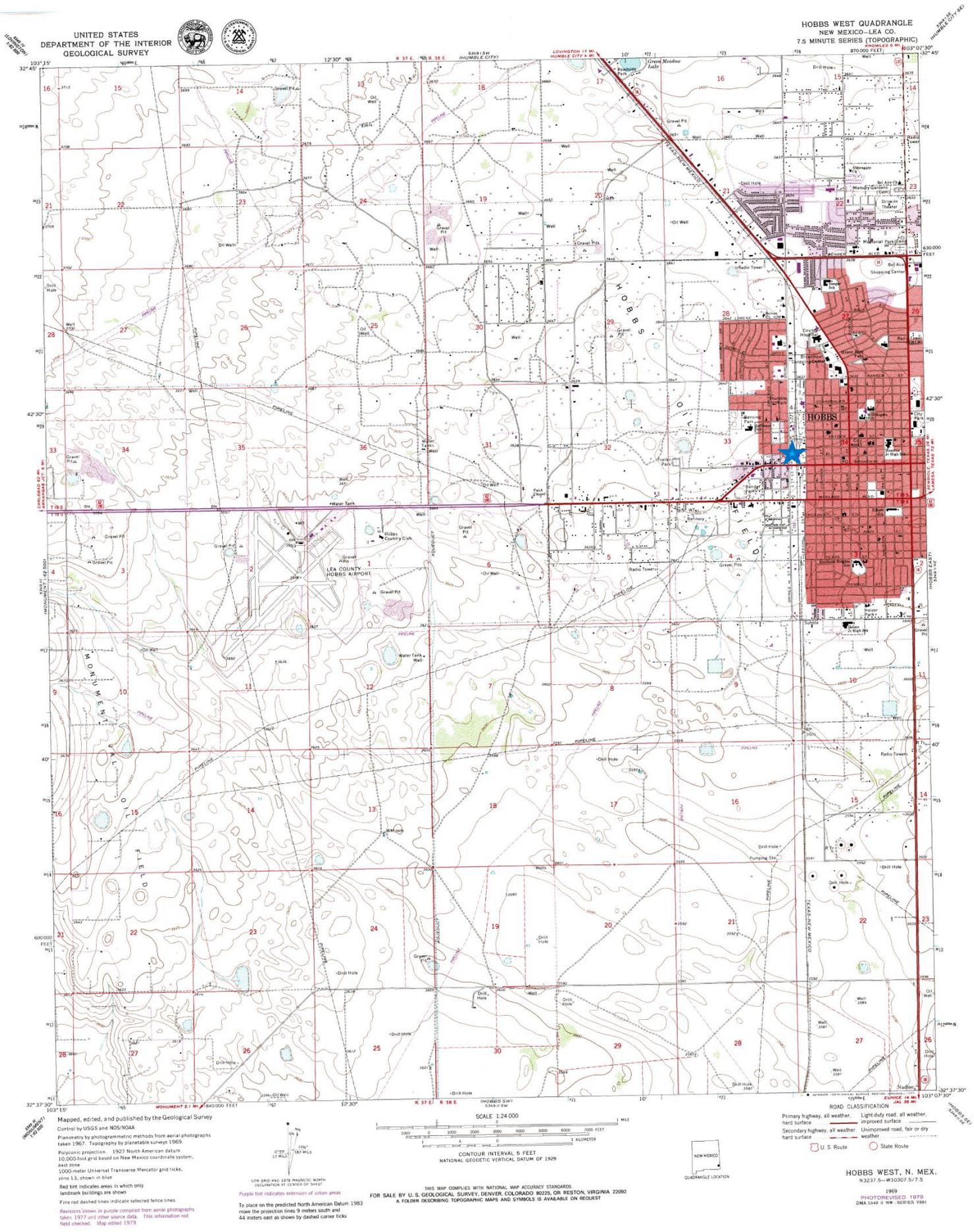


3

4

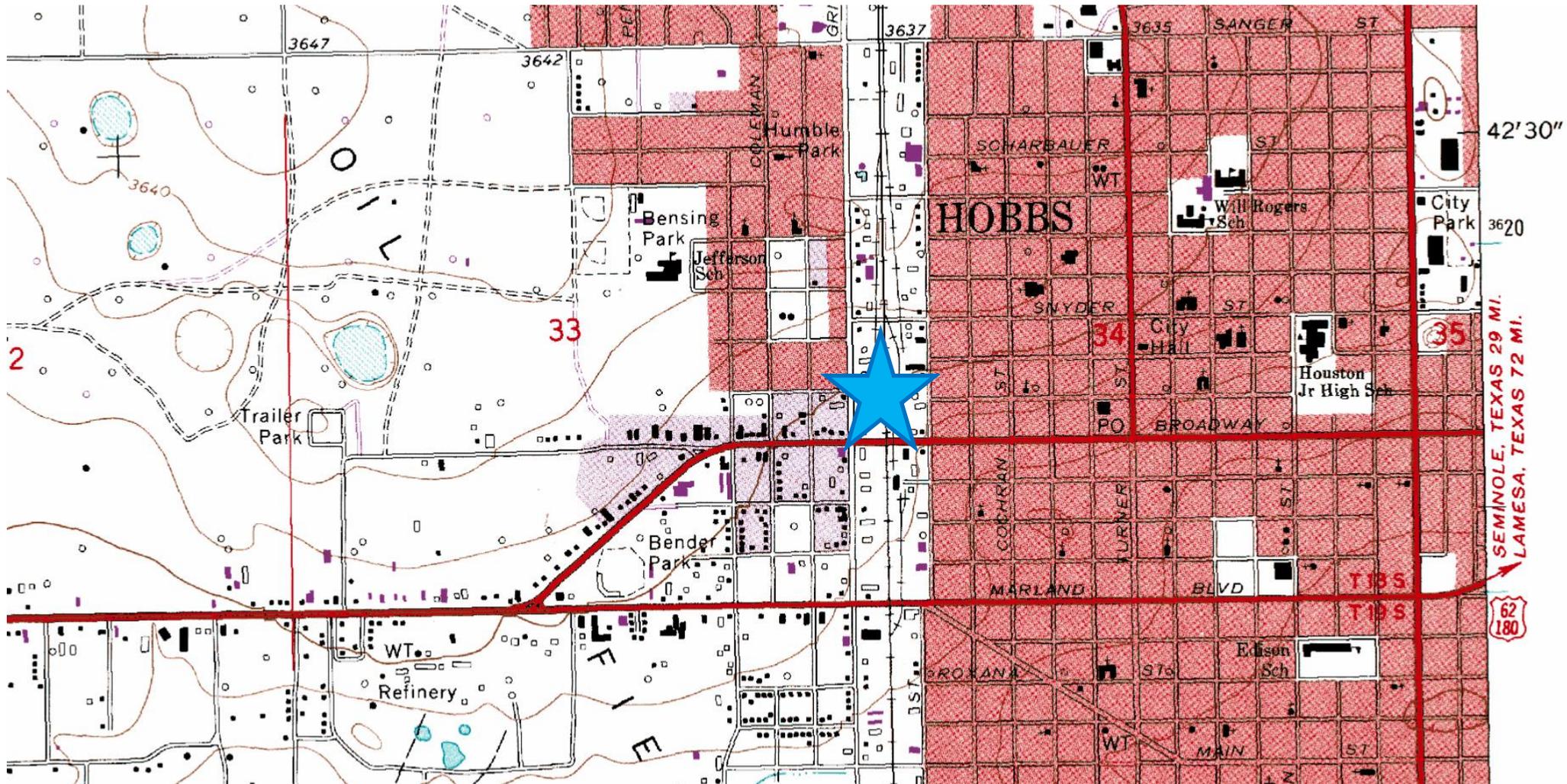
Ferguson for Oxy

SHU #3 10" Fiberglass Pipeline



Ferguson for Oxy

SHU #3 10" Fiberglass Pipeline



**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



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 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)

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) 99.3 % 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

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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 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

Cardinal Laboratories

*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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 3 @ 15' (H502073-03)

BTEX 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 BTEX	1.53	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	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

Cardinal Laboratories

*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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 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, 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	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

Cardinal Laboratories

* = Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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 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

Cardinal Laboratories

*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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

Cardinal Laboratories

*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

10/1

BILL TO

ANALYSIS REQUEST

Company Name: BBC International P.O. #:
 Project Manager: Cliff Burbin Company:
 Address: 1329 W. Marland
 City: Hobbs State: NM Zip: 88240 Attn:
 Phone #: (575) 397-6388 Fax #: (575) 397-0397 Address: SAFME
 Project #: Project Owner: FERRELLION Co. City:
 Project Name: Dry 10" EQ production line State: Zip:
 Project Location: Hobbs NM Phone #:
 Sampler Name: Coyle Hernandez Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	CHLORIDE
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>H500073</u>	<u>Bottom Sample 1 @ 5'</u>													
	<u>Bottom Sample 2 @ 15'</u>													
	<u>Bottom Sample 3 @ 15'</u>													
	<u>Bottom Sample 4 @ 15'</u>													
	<u>Bottom Sample 5 @ 15'</u>													

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 requests or otherwise.

Relinquished By: [Signature] Date: 8.10.15 Received By: [Signature]
 Time: 1:40 Date: 8.10.15

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS: POSHA 11

Delivered By: (Circle One) 5.62
 Sampler - UPS - Bus - Other: Yes No

CHECKED BY: [Signature]

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Kathy Purvis

From: Keyes, Jamie, EMNRD <Jamie.Keyes@state.nm.us>
Sent: Tuesday, August 18, 2015 11:21 AM
To: Cliff Brunson; Jones, Kellie, EMNRD
Cc: Oberding, Tomas, EMNRD; Tony Aguilar ; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: Ferguson leak - SHU #3 10" fiberglass line - Remediation Plan - RP #3794

Good morning,

The plan has been approved, you have permission to backfill the site.

Thank you,

From: Cliff Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Monday, August 17, 2015 2:43 PM
To: Jones, Kellie, EMNRD
Cc: Keyes, Jamie, EMNRD; Oberding, Tomas, EMNRD; Tony Aguilar ; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Ferguson leak - SHU #3 10" fiberglass line - Remediation Plan - RP #3794

Kellie,

This e-mail is to confirm our discussion on Friday, August 14, 2015 concerning the remediation plan for the Ferguson leak at the Oxy SHU #3 10" fiberglass line. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.



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

REMEDICATION PLAN

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.

















