District II Energy Mine 811 S. First St., Artesia, NM 88210 Oil Contract District III 001 Contract 1000 Rio Brazos Road, Aztec, NM 87410 1220 S District IV 1220 S State Santa	e of New Mex erals and Natura nservation Div outh St. France ta Fe, NM 875	l Resources vision is Dr. 05	RECEIVED	Form C-141 Revised August 8, 2011 to appropriate District Office in ecordance with 19.15.29 NMAC.
Release Notifica			ction	
Name of CompanyOxy Permian Ltd.Address1017 W. Stanolind Rd, Hobbs, NM 88240Facility NameFalcon Federal #1	OPERA Contact C Telephone N Facility Typ	Chancey Summe No. (575) 397	ers 7-8216	al Report 🛛 Final Report
Surface Owner BLM Mineral Own	ner		API No	. 30-025-32190
LOCAT	TON OF REI	LEASE		
Unit Letter Section Township Range Feet from the N	North/South Line	Feet from the	East/West Line	County
I 1 24S 34E 1980	South	660	East	Lea County, NM
Latitude <u>N 32.24</u>	4° Longi	ude <u>W 103.42</u> °	-	
NATU	RE OF RELI	EASE		
Type of Release Oil and Produced water	Volume of	Release	1 1 1	Recovered
Source of Release stuffing box packing blew off the well head	Date and H	5 bbls produced v our of Occurrence		Hour of Discovery
Was Immediate Notice Given?	02/24/2014 If YES, To			
Yes 🗌 No 🗍 Not Requ	ired Geoffrey L		and Jennifer VanC	uren, BLM
By Whom? Kathy Purvis Was a Watercourse Reached?		our 02/24/2014 lume Impacting t		
Yes X No	11 1 1 2, 90	unie mpacing (ne watercourse.	
Describe Cause of Problem and Remedial Action Taken.* The stuffing box packing blew off the well head causing 4 bbls of oil the packing was replaced.	and 6 bbls of proc	luced water to lea	k onto the ground.	No fluids were recovered and
Describe Area Affected and Cleanup Action Taken.*		······		
The affected area is approximately 40' x 60' on location. Remediation Leking of NMOCD via email on 04/07/2014 and approved by Jennife I hereby certify that the information given above is true and complete regulations all operators are required to report and/or file certain relear public health or the environment. The acceptance of a C-141 report he should their operations have failed to adequately investigate and remed or the environment. In addition, NMOCD acceptance of a C-141 report	er Van Curen of the e to the best of my ase notifications ar by the NMOCD ma ediate contamination	e BLM via email knowledge and u d perform correc urked as "Final R on that pose a three	on 04/07/2014. Inderstand that purs tive actions for rela- eport ^a does not reli- cat to ground water	uant to NMOCD rules and eases which may endanger eve the operator of liability s, surface water, human health
federal, state, or local laws and/or regulations.				
		<u>OIL CON</u>	SERVATION	DIVISION
Signature:	Approved by	Environmental S	necialist:	
Printed Name: Chancey Summers				
Title: HES Specialist	Approval Dat	= 4-23-	/ Expiration	Date:
E-mail Address: <u>Chancey.Summers@oxy.com</u>	Conditions of	Approval:		Attached
Date: 7-16-19 Phone: (575) 397-8216				7-14-3193
* Attach Additional Sheets If Necessary				Ogrid (GRar
		J	UI 2320	0 grig 16696 14 170 pr4 20439

P	70	14	20	43	9461
		-			1.2

Closure Report

*	Site Description	
Site Name:	Falcon Federal #1	
Company:	Oxy Permian Ltd.	
Legal Description:	U/L I, Section 1, T24S, R34E	HOBBS OCD
County:	Lea County, NM	
GPS Coordinates:	N 32.24463° W 103.41726°	JUL 2 2 2014

	Release Data	(ISVED3/R
Date of Release:	02/24/2014	
Type of Release:	Oil and produced water	
Source of Release:	Stuffing box packing blew off the well h	nead
Volume of Release:	4 bbls oil and 6 bbls produced water	
Volume Recovered:	0 bbls	

Remediation Specifications						
RemediationExcavate to a depth of 1' in the entire leak area. ObtainParameters:confirmation sidewall samples. Berm the well pad. Backfill the site with clean soil.						
Remediation Activities:	06/13/2014 to 0	7/11/2014				
Plan Sent to OCD:04/05/2014Email from Cliff Brunson to Geoff LekingOCD Approval of Plan:04/07/2014Email from Geoff Leking to Cliff Brunson						
Plan Sent to BLM:						
BLM Approval of Plan:	04/07/2014	Email from J. Van Curen to Cliff Brunson				

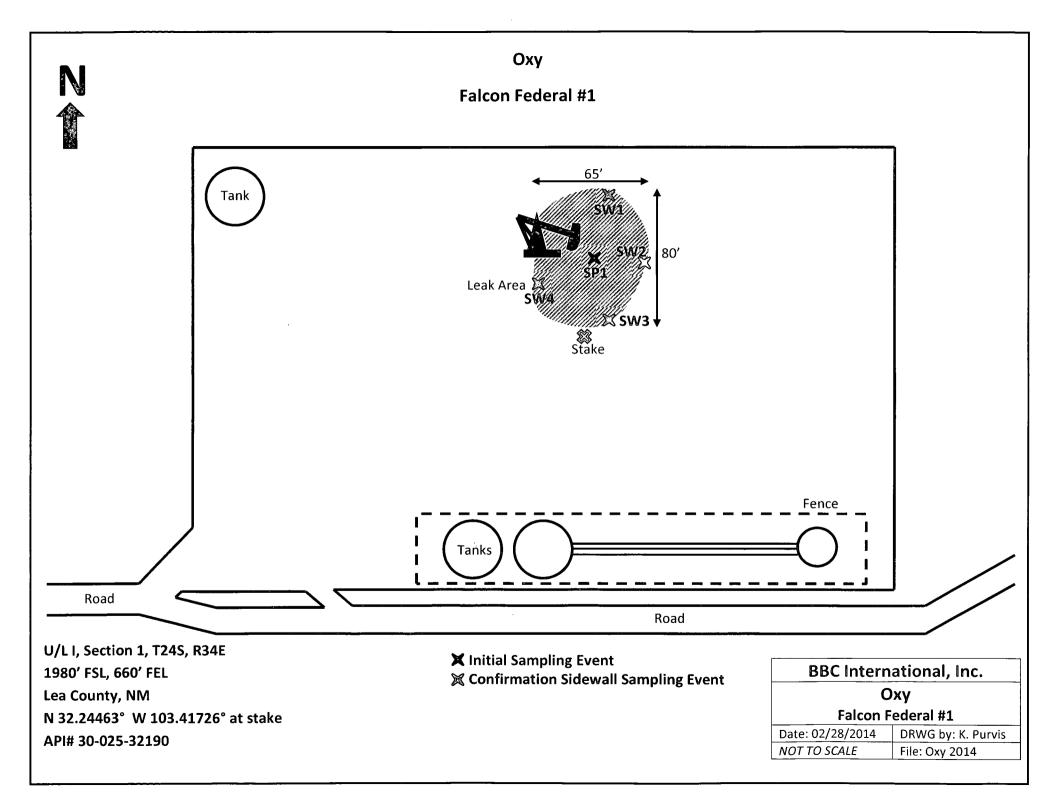
	Supporting Documentation				
Initial C-141	Signed 02/26/2014				
Final C-141	Signed 07/16/2014				
Site Diagram	February 2014				
Groundwater Plot	150'				
TOPO Maps	February 2014				
Lab Summary	03/10/2014 and 07/03/2014				
Lab Analysis	03/10/2014 and 07/03/2014				
Correspondence	Request and approval 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.

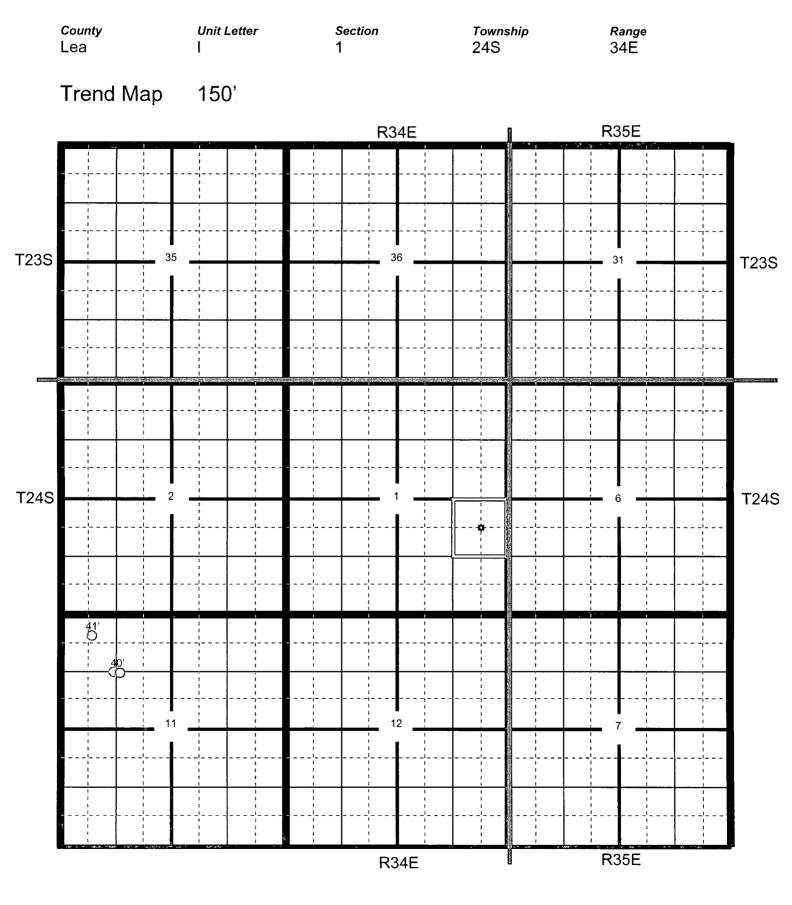
07/18/2014





Groundwater Plot

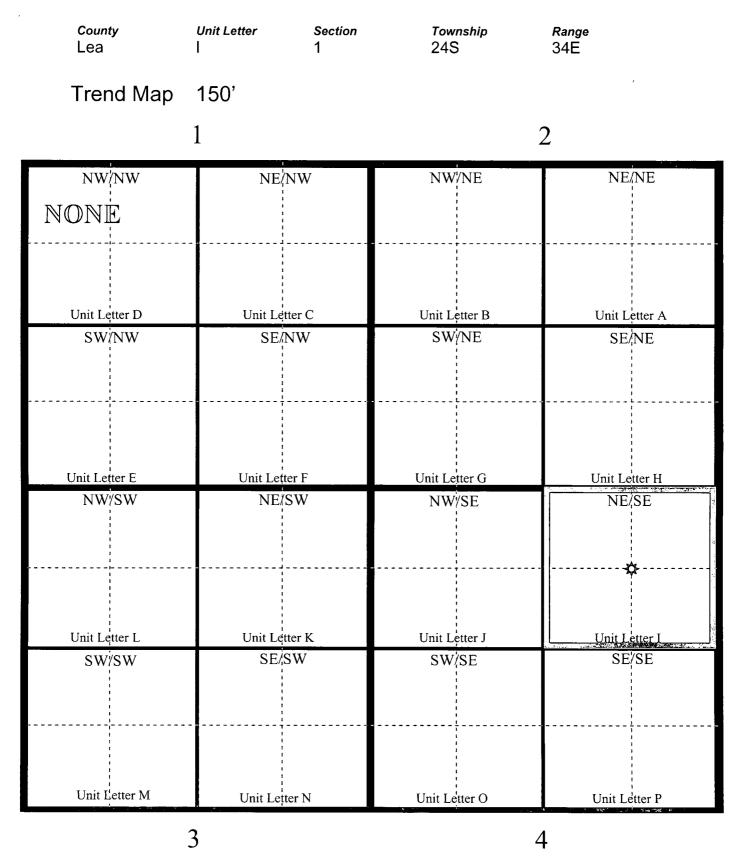
Oxy Falcon Federal #1





Section Quarters

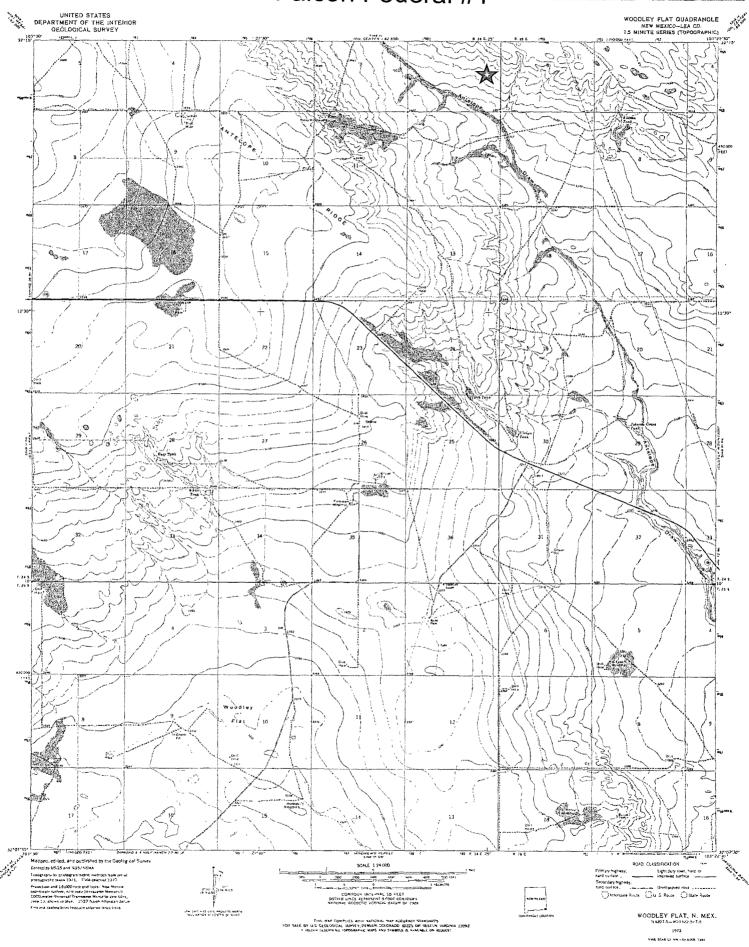
Oxy Falcon Federal #1



✿ Location

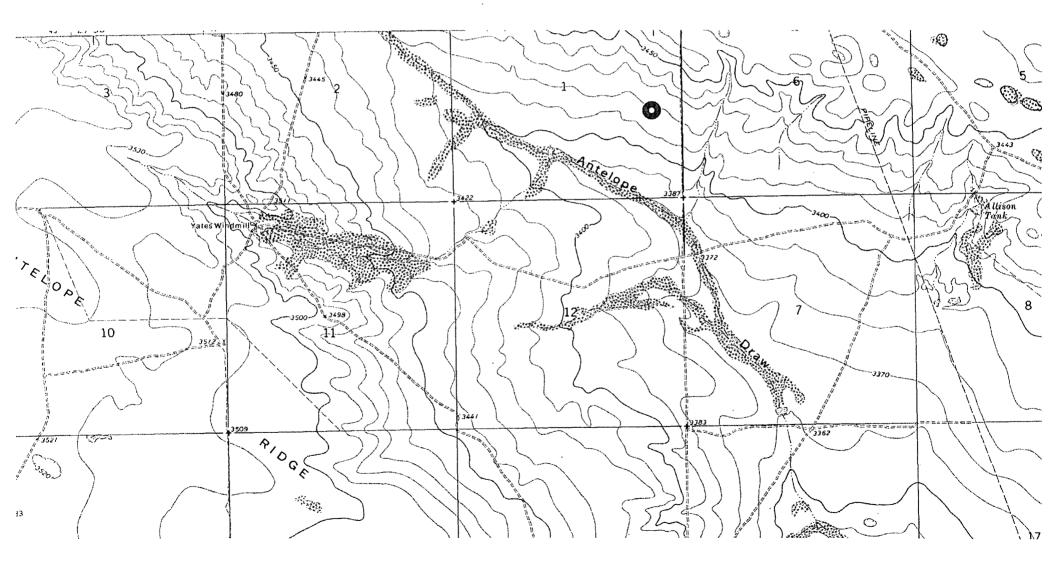
Oxy

Ealcon Federal #1



Oxy

Falcon Federal #1



Laboratory Analytical Results Summary Falcon Federal #1

		Sample	SP1@ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	3/10/14	3/10/14	3/10/14	3/10/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		2.47	<0.050	<0.050	< 0.050
Toluene	BTEX 8021B		94.2	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		46.9	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		133	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B	•	277	<0.300	< 0.300	<0.300
Chloride	SM4500CI-B		2560	432	256	48
GRO	TPH 8015M		4340	<10.0	<10.0	<10.0
DRO	TPH 8015M		35500	319	12.1	<10.0

Laboratory Analytical Results Summary Falcon Federal #1

		Sample	SIDEWALL	SIDEWALL 2	SIDEWALL 3	SIDEWALL 4
Analyte	Method	Date	7/3/14	7/3/14	7/3/14	7/3/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	< 0.050	<0.050
Toluene	BTEX 8021B		<0.050	< 0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	< 0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	< 0.300	<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0



March 14, 2014

Cliff Brunson BBC International, Inc. P.O. Box 805 Hobbs, NM 88241

RE: FALCON FED #1

Enclosed are the results of analyses for samples received by the laboratory on 03/11/14 16:45.

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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated 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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	03/11/2014	Sampling Date:	03/10/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ SURFACE (H400742-01)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.47	2.00	03/13/2014	ND	2.34	117	2.00	1.68	
Toluene*	94.2	2.00	03/13/2014	ND	2.21	110	2.00	1.28	
Ethylbenzene*	46.9	2.00	03/13/2014	ND	2.17	108	2.00	1.30	
Total Xylenes*	133	6.00	03/13/2014	ND	6.22	104	6.00	1.17	
Total BTEX	277	12.0	03/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 117 % 89.4-126

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	03/13/2014	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	4340	50.0	03/13/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	35500	50.0	03/13/2014	ND	194	96.9	200	5.88	
Surrogate: 1-Chlorooctane	259 5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	90.8	% 63.6-15	4						

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatscever shall be deemed waved unless made in writing and received by claims, including those for negligence and including, without limitation, business interruptions, 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 reproduced exception full with mitten approval of Cardinal Laboratories.

Celeg Di Kune

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/11/2014	Sampling Date:	03/10/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 1' (H400742-02)

BTEX 8021B	mg/	kg	Anaiyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2014	ND	2.34	117	2.00	1.68	
Toluene*	<0.050	0.050	03/13/2014	ND	2.21	110	2.00	1.28	
Ethylbenzene*	<0.050	0.050	03/13/2014	ND	2.17	108	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/13/2014	ND	6.22	104	6.00	1.17	
Total BTEX	<0.300	0.300	03/13/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Chloride	432	16.0	03/13/2014	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	03/13/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	319	10.0	03/13/2014	ND	194	96.9	200	5.88	

Surrogate: 1-Chlorooctadecane 145 % 63.6-154

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/11/2014	Sampling Date:	03/10/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 2' (H400742-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2014	ND	2.34	117	2.00	1.68	
Toluene*	<0.050	0.050	03/13/2014	ND	2.21	110	2.00	1.28	
Ethylbenzene*	<0.050	0.050	03/13/2014	ND	2.17	108	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/13/2014	NŅ	6.22	104	6.00	1.17	
Total BTEX	<0.300	0.300	03/13/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 9	6 89.4-12	6						
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	03/13/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms		<u> </u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/13/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	12.1	10.0	03/13/2014	ND	194	96.9	200	5.88	
Surrogate: 1-Chlorooctane	86.7	65.2-14	0						
Surrogate: 1-Chlorooctadecane	90.7	63.6-15	4						

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Celeg Di Keene

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/11/2014	Sampling Date:	03/10/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 3' (H400742-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2014	ND	2.34	117	2.00	1.68	
Toluene*	<0.050	0.050	03/13/2014	ND	2.21	110	2.00	1.28	
Ethylbenzene*	<0.050	0.050	03/13/2014	ND	2.17	108	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/13/2014	ND	6.22	104	6.00	1.17	
Total BTEX	<0.300	0.300	03/13/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 89.4-12	26						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/13/2014	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/13/2014	ND	199	99.6	200	8.31	

ND

194

96.9

200

5.88

03/13/2014

 Surrogate:
 1-Chlorooctane
 97.8 %
 65.2-140

 Surrogate:
 1-Chlorooctadecane
 99.9 %
 63.6-154

<10.0

10.0

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DRO >C10-C28

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Celey Di Kune

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 SM4500CI-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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	BBC International, Inc.						Ell	11 7.6				•			LYSI	S RE	QUE	ST			0
Project Manager:	Cliff Brunson				-	Ρ.(D. #:														
Address: P.O. Bo	ox 805					Co	mpany:				• ·				· ·]				•	
city: Hobbs	State: NM	Zip:	882	41		Att											· .				
Phone #: 575-397		5-397-				Ad	dress: 🗲	SAM										· ·			
Project #:	Project Own		OKY			Cit							• .	1 . ·	1			:			
	Falcon FED#1		0				ate:	Zip:		1											
Project Location:						Ph	one #:		·····		-										
Sampler Name:	ROCER HEDNANDE	1				Fax	x #:				·										
FOR LAB USE ONLY				MA	TRIX		PRESERV.	SAMPL	ING												
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H400742		(G)RA	BROL	WAST	SLUD	OTHE	ACID/BASE: ICE / COOL OTHER :	DATE	TIME					.:							
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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 30 days after completion of the applicable service. In no event shall Cardinal be flable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinguished By:	Date: S-11-12, Received By:	Phone Result:	□ Yes	D No	Add'l Phone #:	
		Fax Result:	Yes	O No	Add'I Fax #:	
Koster HERMANSTER	THE US / W / LVe	REMARKS:				
Relinguished By:	Date: Received By:					-
Keinidaisilea by:	Date. Iteretted Dy.					
	Time:			•		
						•
Delivered By: (Circle One)	Sample Condition	CHECKED BY:				
Sampler - UPS - Bus - Other:	La De Cool Intact				•	
Sampler - 0-5 - Bus - Other:		EX M				4 <u>1</u>

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



July 10, 2014

Cliff Brunson BBC International, Inc. P.O. Box 805 Hobbs, NM 88241

RE: FALCON FED #1

Enclosed are the results of analyses for samples received by the laboratory on 07/03/14 15:04.

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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	07/03/2014	Sampling Date:	07/03/2014	
Reported:	07/10/2014	Sampling Type:	Soil	
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact	
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez	•
Project Location:	DELAWARE BASIN			

Sample ID: SIDEWALL 1 (H402035-01)

BTEX 8260B	mg/	kg	Analyze	ed By: ms/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2014	ND	0.397	99.2	0.400	13.6	
Toluene*	<0.050	0.050	07/09/2014	ND	0.338	84.5	0.400	19.1	
Ethylbenzene*	<0.050	0.050	07/09/2014	ND	0.329	82.2	0.400	14.0	
Total Xylenes*	<0.150	0.150	07/09/2014	ND	0.957	79.8	1.20	18.8	
Total BTEX	<0.300	0.300	07/09/2014	ND					
Surrogate: Dibromofluoromethane	102 %	61.3-14	2						
Surrogate: Toluene-d8	96.7 %	6 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	88.5 %	65.7-14	1						
ТРН 8015М	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/07/2014	ND	177	88.4	200	0.325	
DRO >C10-C28	<10.0	10.0	07/07/2014	ND	192	95.8	200	0.241	
Surrogate: 1-Chlorooctane	112 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	122 %	63.6-15	4						

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*=Accredited Analyte

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/03/2014	Sampling Date:	07/03/2014
Reported:	07/10/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	DELAWARE BASIN		

Sample ID: SIDEWALL 2 (H402035-02)

BTEX 8260B	mg/	kg	Analyze	d By: ms/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2014	ND	0.397	99.2	0.400	13.6	
Toluene*	<0.050	0.050	07/09/2014	ND	0.338	84.5	0.400	19.1	
Ethylbenzene*	<0.050	0.050	07/09/2014	ND	0.329	82.2	0.400	14.0	
Total Xylenes*	<0.150	0.150	07/09/2014	ND	0.957	79.8	1.20	18.8	
Total BTEX	<0.300	0.300	07/09/2014	ND					
Surrogate: Dibromofluoromethane	99.9 %	61.3-14	2						
Surrogate: Toluene-d8	99.0 %	6 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	95.3 %	6 65.7-14	1						
ТРН 8015М	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/07/2014	ND	177	88.4	200	0.325	
DRO >C10-C28	<10.0	10.0	07/07/2014	ND	192	95.8	200	0.241	
Surrogate: 1-Chlorooctane	124 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	137 %	63.6-15-	4						

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Celey Di Kune

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/03/2014	Sampling Date:	07/03/2014
Reported:	07/10/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	DELAWARE BASIN		

Sample ID: SIDEWALL 3 (H402035-03)

BTEX 8260B	mg/	kg	Analyze	d By: ms/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2014	ND	0.397	99.2	0.400	13.6	
Toluene*	<0.050	0.050	07/09/2014	ND	0.338	84.5	0.400	19.1	
Ethylbenzene*	<0.050	0.050	07/09/2014	ND	0.329	82.2	0.400	14.0	
Total Xylenes*	<0.150	0.150	07/09/2014	ND	0.957	79.8	1.20	18.8	
Total BTEX	<0.300	0.300	07/09/2014	ND					
Surrogate: Dibromofluoromethane	97.5 9	61.3-14	2						
Surrogate: Toluene-d8	93.2 9	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	91.69	65.7-14	1						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/07/2014	ND	177	88.4	200	0.325	
DRO >C10-C28	<10.0	10.0	07/07/2014	ND	.192	95.8	200	0.241	
Surrogate: 1-Chlorooctane	123 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	134%	63.6-15	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/03/2014	Sampling Date:	07/03/2014
Reported:	07/10/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	DELAWARE BASIN		

Sample ID: SIDEWALL 4 (H402035-04)

BTEX 8260B	mg/	'kg	Analyze	d By: ms/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2014	ND	0.397	99.2	0.400	13.6	
Toluene*	<0.050	0.050	07/09/2014	ND	0.338	84.5	0.400	19.1	
Ethylbenzene*	<0.050	0.050	07/09/2014	ND	0.329	82.2	0.400	14.0	
Total Xylenes*	<0.150	0.150	07/09/2014	ND	0.957	79.8	1.20	18.8	
Total BTEX	<0.300	0.300	07/09/2014	ND					
Surrogate: Dibromofluoromethane	105 5	% 61.3-14	2						
Surrogate: Toluene-d8	102 5	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	99 .0	% 65.7-14	1						
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/07/2014	ND	177	88.4	200	0.325	
DRO >C10-C28	<10.0	10.0	07/07/2014	ND	192	95.8	200	0.241	
Surrogate: 1-Chlorooctane	122 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	130 \$	63.6-15	4						

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Celey Di Kune

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 SM4500CI-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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Celay D. Kure

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Address: P.O. Box 805	· .•	Company: OXU]		•	.		1	1.							
City: Hobbs State: NM Zip: 88241		Attn	:		7]					1	. -					
Phone #: 575-397-6388 Fax #: 575-397-0397	·	Add	ress:		· • · · ·]											
Project #: Project Owner: OKU		City	· · .		•	· · ·]								, i			
Project Name: FALLON FED # 1		Stat	 ∋:		Zip:					· ·				{	-			ľ
Project Location: ALAWARE BASIN		Pho	ne #:									1						
Sampler Name: Pager Hernandez	i.	Fax	# :								 .	.						
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rahaes. All claims including those for neglyonce and any other cause whatsoever shall be detried waived unass mode i entre, in no event shall Cerdinal be laste for incidentator consequential damages, inciding without initiation, business in	n willing an necusions,	ci receiver loss of us	e or bes	init e Net pro	ithin 30 days a tai ofte incorred by c	completion of i	ne epolice nies,	Ste .				•		. •				
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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Jennifer Gilkey

From:	Leking, Geoffrey R, EMNRD <geoffreyr.leking@state.nm.us></geoffreyr.leking@state.nm.us>
Sent:	Monday, April 07, 2014 1:12 PM
То:	Cliff P. Brunson
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: OXY-Falcon Federal #1-Remediation Plan

Cliff

Per our conversation of April 2, 2014 and review of the below email and attachment, the remediation plan is approved for the OXY Falcon Federal #1. Thank you.

Geoffrey Leking Environmental Specialist NMOCD-Hobbs 1625 N. French Drive Hobbs, NM 88240 Office: (575) 393-6161 Ext. 113 Cell: (575) 399-2990 email: geoffreyr.leking@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Saturday, April 05, 2014 7:45 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Falcon Federal #1-Remediation Plan

Geoff,

This e-mail is to confirm our conversation on April 2, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate to a depth of 1 foot in the entire leak area that is depicted on the attached site diagram. The site will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Jennifer Gilkey

From:	Van Curen, Jennifer <jvancure@blm.gov></jvancure@blm.gov>
Sent:	Monday, April 07, 2014 2:48 PM
То:	Cliff P. Brunson
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	Re: OXY-Falcon Federal #1-Remediation Plan

This plan is approved.

Stips:

1. Take sidewall samples to be sure that BTEX and TPH has been removed (TPH < 1000).

2. Place a berm along the well pad and pit area to prevent contaminants from leaving well pad on to reclaimed pit area.

3. Replace with caliche and compact.

4. If not complete within 30 days, send me notice as to when work will be complete.

If you have any questions please let me know. Thanks,

JENNIFER E VAN CUREN ENVIRONMENTAL PROTECTION SPECIALIST DOI-BLM-CARLSBAD FIELD OFFICE 320 E GREENE ST. CARLSBAD, NM 88220 OFFICE- 575-234-5905 CELL - 575-361-0042 FAX - 575-234-5927

"There are known knowns. These are things we know that we know. There are known unknowns. That is to say, there are things that we know we don't know." Jim Perry

On Sat, Apr 5, 2014 at 7:44 PM, Cliff P. Brunson <<u>cbrunson@bbcinternational.com</u>> wrote: Jennifer,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Geoff Leking of the NMOCD. Oxy will excavate to a depth of 1 foot in the entire spill area. The area will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS President

Jennifer Gilkey

From:	Van Curen, Jennifer <jvancure@blm.gov></jvancure@blm.gov>
Sent:	Wednesday, April 09, 2014 9:40 AM
То:	Cliff P. Brunson
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	Re: OXY-Falcon Federal #1-Remediation Plan

Contact me prior to (48 hr notice) taking samples for witness. The samples will need to be confirmed prior to backfill.

Thanks,

JENNIFER E VAN CUREN ENVIRONMENTAL PROTECTION SPECIALIST DOI-BLM-CARLSBAD FIELD OFFICE 320 E GREENE ST. CARLSBAD, NM 88220 OFFICE- 575-234-5905 CELL - 575-361-0042 FAX - 575-234-5927

"There are known knowns. These are things we know that we know. There are known unknowns. That is to say, there are things that we know we don't know." Jim Perry

On Mon, Apr 7, 2014 at 2:48 PM, Van Curen, Jennifer <<u>jvancure@blm.gov</u>> wrote: This plan is approved.

Stips:

1. Take sidewall samples to be sure that BTEX and TPH has been removed (TPH < 1000).

2. Place a berm along the well pad and pit area to prevent contaminants from leaving well pad on to reclaimed pit area.

- 3. Replace with caliche and compact.
- 4. If not complete within 30 days, send me notice as to when work will be complete.

If you have any questions please let me know. Thanks,

JENNIFER E VAN CUREN ENVIRONMENTAL PROTECTION SPECIALIST DOI-BLM-CARLSBAD FIELD OFFICE 320 E GREENE ST. CARLSBAD, NM 88220 OFFICE- 575-234-5905 CELL - 575-361-0042 FAX - 575-234-5927

"There are known knowns. These are things we know that we know. There are known unknowns. That is to say, there are things that we know we don't know." Jim Perry

On Sat, Apr 5, 2014 at 7:44 PM, Cliff P. Brunson <<u>cbrunson@bbcinternational.com</u>> wrote: Jennifer,

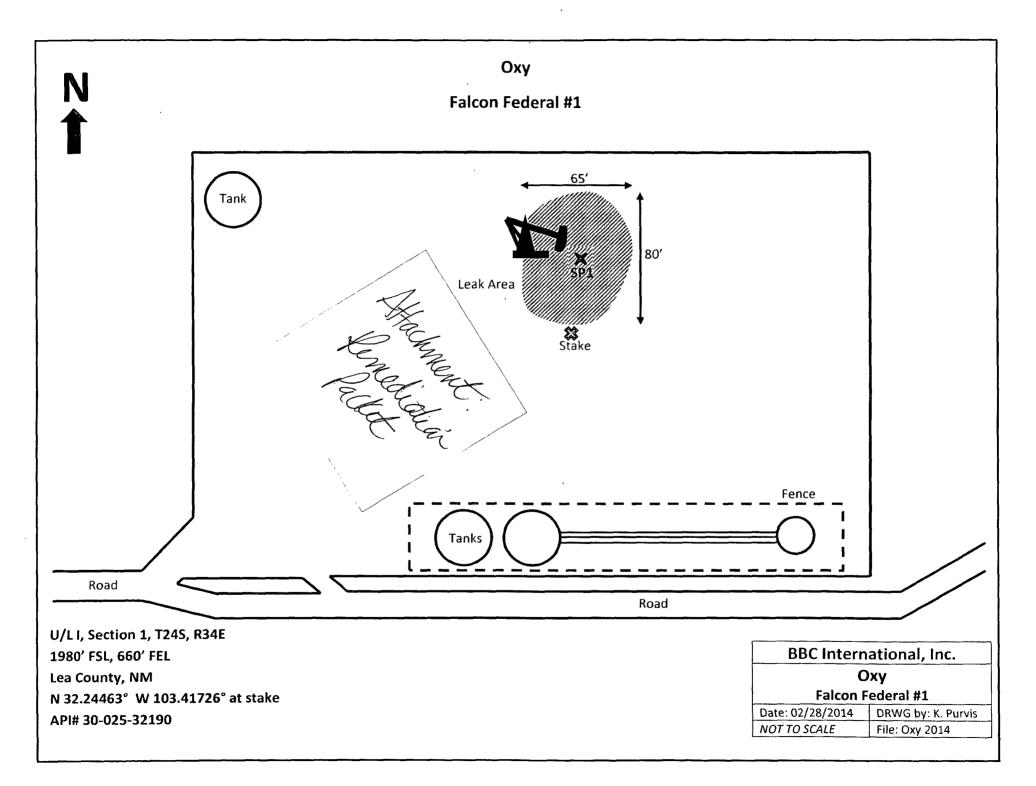
This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Geoff Leking of the NMOCD. Oxy will excavate to a depth of 1 foot in the entire spill area. The area will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

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: <u>cbrunson@bbcinternational.com</u>

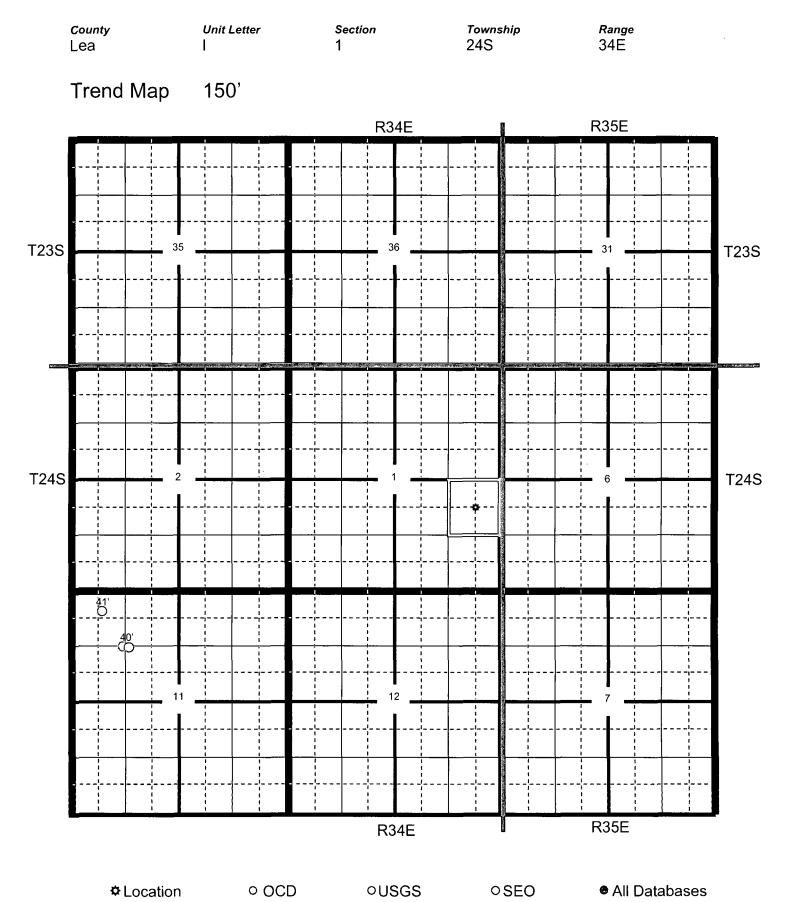
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Groundwater Plot

Oxy Falcon Federal #1





Section Quarters

Oxy Falcon Federal #1

<i>County</i> Lea	Unit Letter Secti I 1	ion Township 24S	Range 34E
Trend Map	150'		
	1		2
NW/NW	NE/NW	NW/NE	NE/NE
NONÉ			
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 Falcon Federal #1

		Sample	SP1@ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1@3'
Analyte	Method	Date	3/10/14	3/10/14	3/10/14	3/10/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		2.47	<0.050	< 0.050	<0.050
Toluene	BTEX 8021B		94.2	<0.050	< 0.050	<0.050
Ethylbenzene	BTEX 8021B		46.9	< 0.050	< 0.050	<0.050
Total Xylenes	BTEX 8021B		133	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		277	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		2560	432	256	48
GRO	TPH 8015M		4340	<10.0	<10.0	<10.0
DRO	TPH 8015M		35500	319	12.1	<10.0

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March 14, 2014

Cliff Brunson BBC International, Inc. P.O. Box 805 Hobbs, NM 88241

RE: FALCON FED #1

Enclosed are the results of analyses for samples received by the laboratory on 03/11/14 16:45.

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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and website at www.tceq.texas.gov/field/qa/lab accredited analytes and website at www.tceq.texas.gov/field/qa/lab accredited analytes and www.tceq.texas.gov/field/qa/lab accredited analytes analytes analytes analytes analytes analytes and www.tceq.texas.gov/field/qa/lab accredited analytes analytes

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	03/11/2014	Sampling Date:	03/10/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN .		

Sample ID: SP 1 @ SURFACE (H400742-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.47	2.00	03/13/2014	ND	2.34	117	2.00	1.68	
Toluene*	94.2	2.00	03/13/2014	ND	2.21	110	2.00	1.28	
Ethylbenzene*	46.9	2.00	03/13/2014	ND	2.17	108	2.00	1.30	
Total Xylenes*	133	6.00	03/13/2014	ND	6.22	104	6.00	1.17	
Total BTEX	277	12.0	03/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL 117 % 89.4-126

90.8 %

63.6-154

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	03/13/2014	ND	416	104	400	0.00	
ГРН 8015М	mg,	/kg	Analyzed By: ms						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4340	50.0	03/13/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	35500	50.0	03/13/2014	ND	194	96.9	200	5.88	

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Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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Celey Di Kune

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/11/2014	Sampling Date:	03/10/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 1' (H400742-02)

BTEX 8021B	mg,	íkg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/13/2014	ND	2.34	117	2.00	1.68	
Toluene*	<0.050	0.050	03/13/2014	ND	2.21	110	2.00	1.28	
Ethylbenzene*	<0.050	0.050	03/13/2014	ND	2.17	108	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/13/2014	ND	6.22	104	6.00	1.17	
Total BTEX	<0.300	0.300	03/13/2014	ND					

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	03/13/2014	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/13/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	319	10.0	03/13/2014	ND	194	96.9	200	5.88	

Surrogate: 1-Chlorooctadecane 145 % 63.6-154

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*=Accredited Analyte

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/11/2014	Sampling Date:	03/10/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 2' (H400742-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/13/2014	ND	2.34	117	2.00	1.68	
Toluene*	<0.050	0.050	03/13/2014	ND	2.21	110	2.00	1.28	
Ethylbenzene*	<0.050	0.050	03/13/2014	ND	2.17	108	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/13/2014	ND	6.22	104	6.00	1.17	
Total BTEX	<0.300	0.300	03/13/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 %	% 89.4-12	6					······	
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/13/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	<10.0	10.0	03/13/2014	ND	199	99.6	200	8.31	
GRO C6-C10	10.0								

Surrogate: 1-Chlorooctadecane 90.7 % 63.6-154

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Celey Di Kune

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/11/2014	Sampling Date:	03/10/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	FALCON FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 3' (H400742-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2014	ND	2.34	117	2.00	1.68	
Toluene*	<0.050	0.050	03/13/2014	ND	2.21	110	2.00	1.28	
Ethylbenzene*	<0.050	0.050	03/13/2014	ND	2.17	108	2.00	1.30	
Total Xylenes*	<0.150 0.150		03/13/2014 ND		6.22	104	6.00	1.17	
Total BTEX	<0.300	0.300	03/13/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/13/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/13/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	<10.0	10.0	03/13/2014	ND	194	96.9	200	5.88	
Surrogate: 1-Chlorooctane	-Chlorooctane 97.8 % 65.2-1		0						
Surrogate: 1-Chlorooctadecane	99.9 :	63.6-15	4						

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Celey D. Kune

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 SM4500CI-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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

7 of 7

Page

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Project Manager:							P.O. #:						•			[T					
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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															
						OPERA	FOR	al Report		Final Report					
Name of Co						Contact Chancey Summers									
		tanolind Rd,		NM 88240		Telephone No. (575) 397-8216									
Facility Na	ne Faico	on Federal #	1			Facility Type Well location									
Surface Ow	ner BLN	Л		Mineral C	wner	r API No. 30-025-32190									
				LOCA	TION	N OF REI	LEASE								
Unit Letter	Section	Township	Range	Feet from the	North/South Line Feet from the East/West Line Coun										
I		24S	34E	1980		South	660	Ea	ast	Lea Count	y, NM				
				Latitude <u>N 32</u>	<u>.24°</u>	Longi	ude <u>W 103.42°</u>								
	NATURE OF RELEASE														
Type of Rele	ase Oil ar	nd Produced w	/ater			Volume of	Release bbls produced w		Volume F 0 bbls	Recovered					
Source of Re	lease stuf	fing box pack	ing blew o	off the well head			our of Occurrenc			Hour of Disc	overy				
Was Immediate Notice Given?						If YES, To Whom?									
By Whom?	Kathy Pur					Date and Hour 02/24/2014 @ 4:29 pm									
Was a Water	course Reac	hed?		If YES, Volume Impacting the Watercourse.											
Describe Cau	If a Watercourse was Impacted, Describe Fully.*														
The stuffing l the packing w			well head	causing 4 bbls of	oil and (5 bbls of proc	uced water to lea	k onto th	e ground.	No fluids w	ere reco	vered and			
Describe Are	a Affected a	ind Cleanup A	ction Tak	en.*											
Describe Area Affected and Cleanup Action Taken.* The affected area is approximately 40' x 60' on location. Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.															
regulations al public health should their o	l operators a or the envir operations ha ument. In ac	are required to onment. The ave failed to a ddition, NMO	report an acceptanc dequately CD accep	is true and compl d/or file certain re e of a C-141 repo investigate and re tance of a C-141 r	elease no rt by the mediate	tifications an NMOCD ma contamination	d perform correct irked as "Final Re on that pose a three the operator of r	tive action eport" doc eat to grou responsibi	ns for rele es not reli und water ility for co	eases which a eve the opera- , surface wat ompliance w	may end ator of li cer, hum ith any o	anger iability an health			
	C	->		>		OIL CONSERVATION DIVISION									
Signature:	~			\leq											
Printed Name	: Chance	y Summers			4	Approved by	Environmental Sp								
Title: HES	Specialist				A	Approval Dat	2	Ex	piration l	Date:					
E-mail Addre		ey.Summers(<u>@oxy.com</u>	L	(Conditions of	Approval:		Attached						
Date: C-2.6-14 Phone: (575) 397-8216															

* Attach Additional Sheets If Necessary