

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Warren McKee Unit #501	Facility Type	Well
Surface Owner	Bob McCasland	Mineral Owner	
		API No.	30-025-07756

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	7	20S	38E	330	South	1650	East	Lea

Latitude N 32.58142° Longitude W 103.18430°

NATURE OF RELEASE

Type of Release	Oil	Volume of Release	6 bbls	Volume Recovered	0 bbls
Source of Release	Stuffing Box Packing Leak	Date and Hour of Occurrence	12/18/13	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?	Geoffrey Leking-NMOCD; Jennifer Van Curen-BLM		
By Whom?	Rachel McPherson	Date and Hour	12/19/2013 @ 10:14 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 stuffing box packing leak released 6 bbls of oil onto the ground. No fluids were recovered and the packing was replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 80' x 50' and did leave location. Remediation will completed in accordance with a remediation plan approved by NMOCD and the BLM.

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 District Supervisor:		
Printed Name: Chancey Summers			
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 12-20-13	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary

Leking, Geoffrey R, EMNRD

9/14

From: Cliff P. Brunson [cbrunson@bbcinternational.com]
Sent: Wednesday, September 14, 2011 4:09 PM
To: Leking, Geoffrey R, EMNRD
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-Warren McKee Unit Battery
Attachments: Oxy-Warren McKee Unit Battery-Site drawing and lab data.pdf

Geoff,

This e-mail is to confirm our discussion yesterday, September 13, 2011, concerning the remediation plan for the release that occurred at the Oxy Warren McKee Unit Battery. As agreed, Oxy will hand excavate 2 feet of the impacted soil in the spill area, then place 1 foot of compacted clay in the excavation area and then top off the excavation with 1 foot of clean base course.

I have attached the site drawing and laboratory data that we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

Oxy and I thank you for your assistance in handling this matter.

Thanks, Cliff

Cliff 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

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30
025
07756

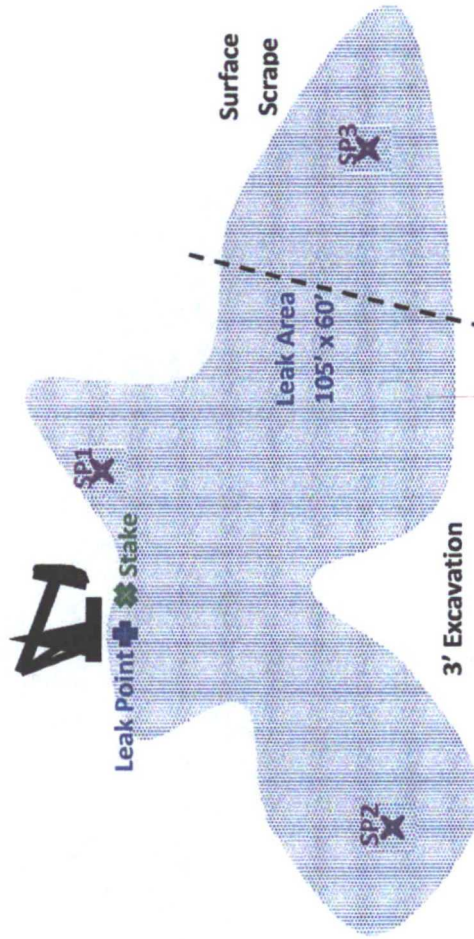


Oxy

Warren McKee Unit #501

CONFIRM 3.51
ACROSS SITE

Location



HOBBS OCD

MAR 08 2014

RECEIVED

U/L O, Section 7, T20S, R38

330' FSL, 1650' FEL

Lea County, NM

GPS at stake: N 32.58137° W 103.18452°

API# 30-025-07756

BBC International, Inc.

Oxy

Warren McKee Unit #501

Date: 01/03/2014 DRWG by: K. Purvis

NOT TO SCALE File: Oxy 2013

Groundwater Plot

Oxy Warren McKee Unit #501

County
Lea

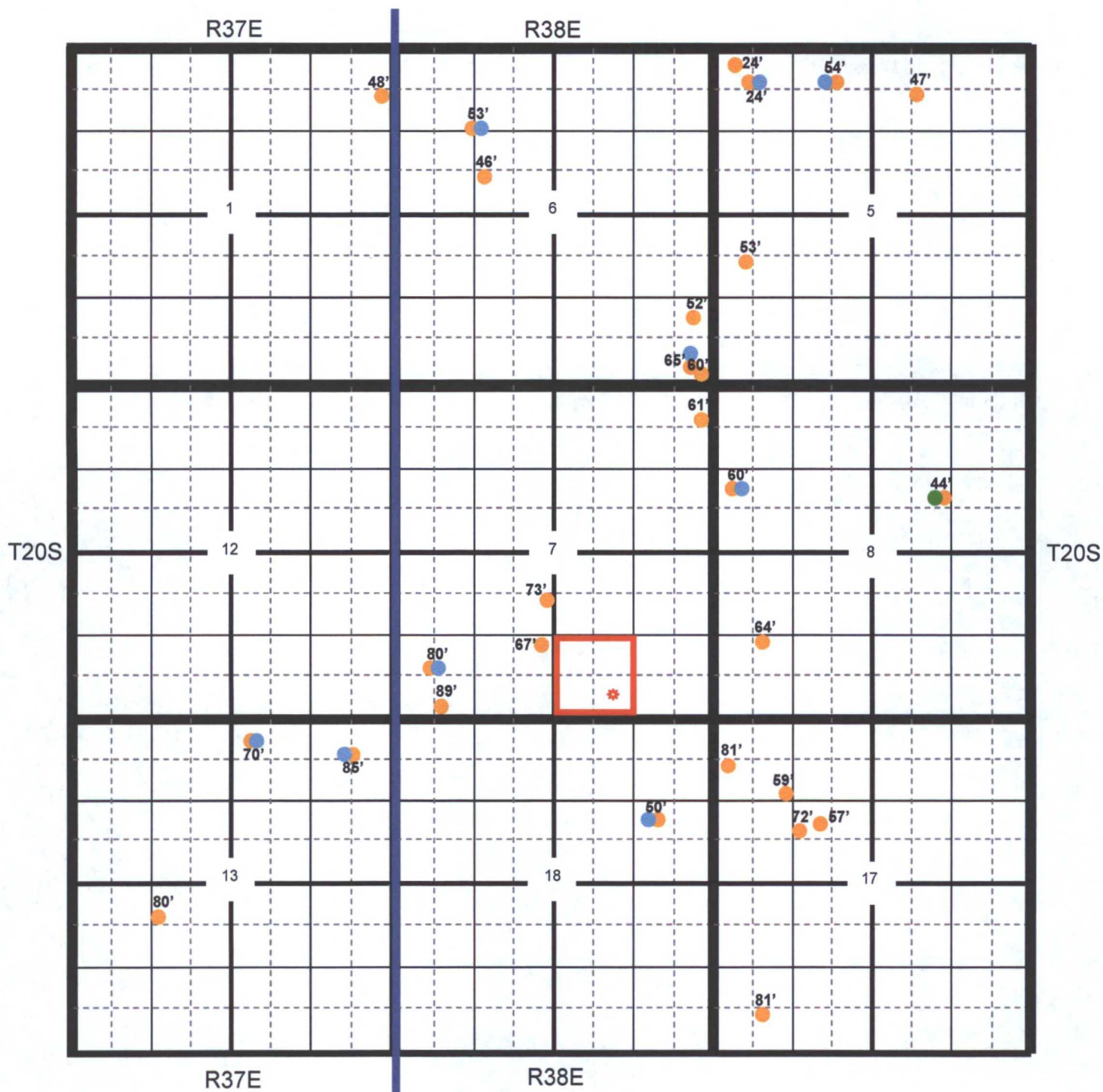
Unit Letter
O

Section
7

Township
20S

Range
38E

Trend Map 50'-75'



Location

OCD

USGS

SEO

All Databases

Section Quarters

Oxy Warren McKee Unit #501

County
Lea

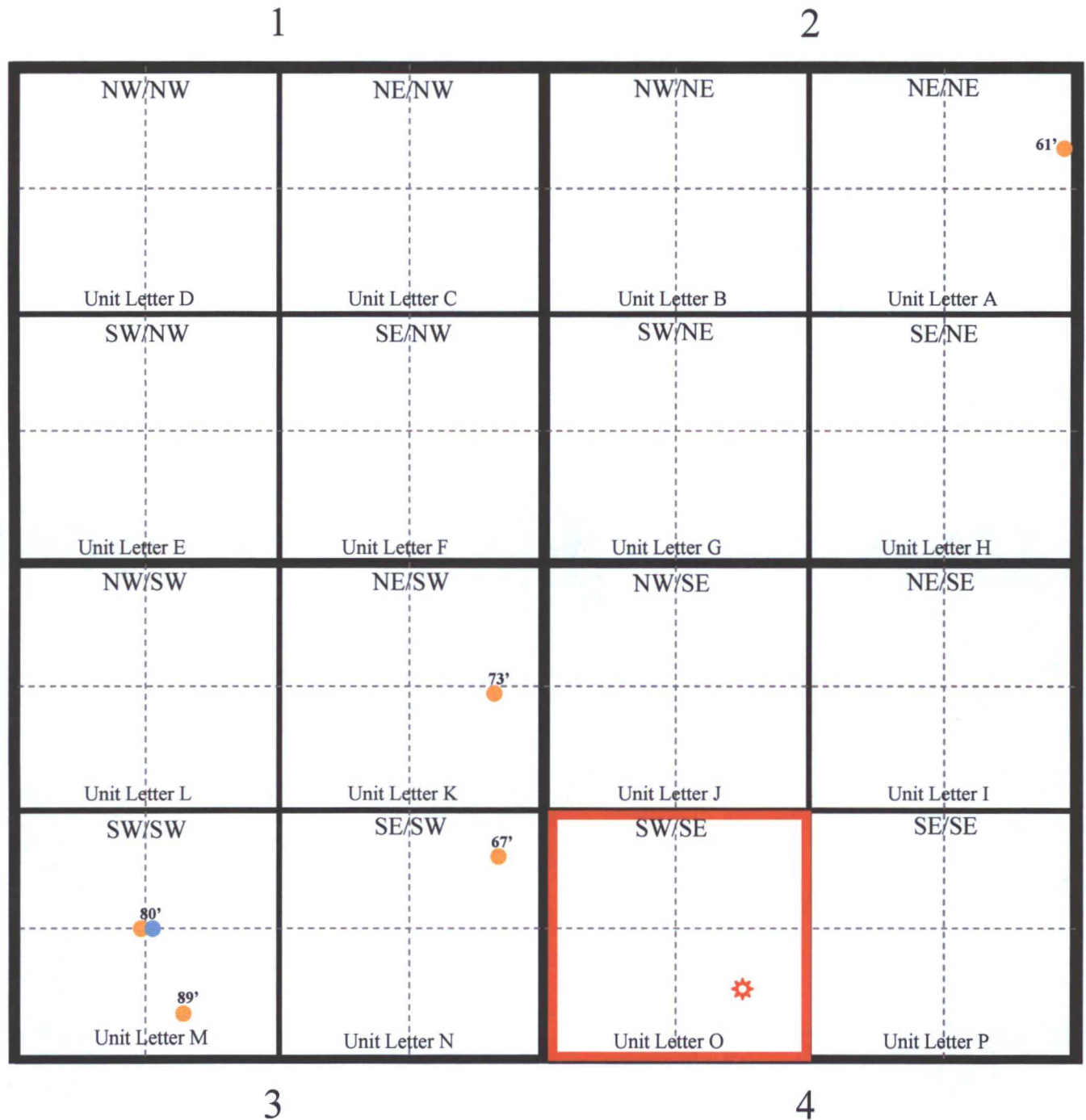
Unit Letter
O

Section
7

Township
20S

Range
38E

Trend Map 50'-75'



⚙ Location

● OCD

● USGS

● SEO

● All Databases

February 11, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: WARREN MCKEE #501

Enclosed are the results of analyses for samples received by the laboratory on 02/05/14 8:35.

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,



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:	02/05/2014	Sampling Date:	02/03/2014
Reported:	02/11/2014	Sampling Type:	Soil
Project Name:	WARREN MCKEE #501	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EUNICE, NEW MEXICO		

Sample ID: SP 1 @ 1' (H400353-01)

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	02/10/2014	ND	2.28	114	2.00	3.13	
Toluene*	<0.050	0.050	02/10/2014	ND	2.24	112	2.00	3.10	
Ethylbenzene*	<0.050	0.050	02/10/2014	ND	2.23	111	2.00	2.89	
Total Xylenes*	<0.150	0.150	02/10/2014	ND	6.50	108	6.00	2.95	
Total BTEX	<0.300	0.300	02/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 119 % 89.4-126

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	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	<10.0	10.0	02/06/2014	ND	194	97.0	200	1.81	


Surrogate: 1-Chlorooctane 88.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.2 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 02/05/2014
Reported: 02/11/2014
Project Name: WARREN MCKEE #501
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 02/03/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 3' (H400353-02)

BTEx 8021B		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	02/10/2014	ND	2.28	114	2.00	3.13	
Toluene*	0.336	0.100	02/10/2014	ND	2.24	112	2.00	3.10	
Ethylbenzene*	0.398	0.100	02/10/2014	ND	2.23	111	2.00	2.89	
Total Xylenes*	2.84	0.300	02/10/2014	ND	6.50	108	6.00	2.95	
Total BTEx	3.58	0.600	02/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 137 % 89.4-126

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	116	50.0	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	14600	50.0	02/06/2014	ND	194	97.0	200	1.81	

Surrogate: 1-Chlorooctane 107 % 65.2-140

Surrogate: 1-Chlorooctadecane 361 % 63.6-154

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

Received:	02/05/2014	Sampling Date:	02/03/2014
Reported:	02/11/2014	Sampling Type:	Soil
Project Name:	WARREN MCKEE #501	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EUNICE, NEW MEXICO		

Sample ID: SP 1 @ 5' (H400353-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2014	ND	2.28	114	2.00	3.13	
Toluene*	<0.050	0.050	02/10/2014	ND	2.24	112	2.00	3.10	
Ethylbenzene*	<0.050	0.050	02/10/2014	ND	2.23	111	2.00	2.89	
Total Xylenes*	0.162	0.150	02/10/2014	ND	6.50	108	6.00	2.95	
Total BTEX	<0.300	0.300	02/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 121 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	587	50.0	02/06/2014	ND	194	97.0	200	1.81	

Surrogate: 1-Chlorooctane 89.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

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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: 02/05/2014
Reported: 02/11/2014
Project Name: WARREN MCKEE #501
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 02/03/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 1' (H400353-04)

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	02/10/2014	ND	2.28	114	2.00	3.13	
Toluene*	<0.050	0.050	02/10/2014	ND	2.24	112	2.00	3.10	
Ethylbenzene*	<0.050	0.050	02/10/2014	ND	2.23	111	2.00	2.89	
Total Xylenes*	<0.150	0.150	02/10/2014	ND	6.50	108	6.00	2.95	
Total BTEX	<0.300	0.300	02/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 118 % 89.4-126

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	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	14.5	10.0	02/06/2014	ND	194	97.0	200	1.81	

Surrogate: 1-Chlorooctane 91.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.7 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 02/05/2014
Reported: 02/11/2014
Project Name: WARREN MCKEE #501
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 02/03/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 3' (H400353-05)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	02/10/2014	ND	2.28	114	2.00	3.13	
Toluene*	0.267	0.100	02/10/2014	ND	2.24	112	2.00	3.10	
Ethylbenzene*	0.339	0.100	02/10/2014	ND	2.23	111	2.00	2.89	
Total Xylenes*	2.47	0.300	02/10/2014	ND	6.50	108	6.00	2.95	
Total BTEX	3.08	0.600	02/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 132 % 89.4-126

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	<200	200	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	12000	200	02/06/2014	ND	194	97.0	200	1.81	


Surrogate: 1-Chlorooctane 108 % 65.2-140

Surrogate: 1-Chlorooctadecane 289 % 63.6-154

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

Received:	02/05/2014	Sampling Date:	02/03/2014
Reported:	02/11/2014	Sampling Type:	Soil
Project Name:	WARREN MCKEE #501	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EUNICE, NEW MEXICO		

Sample ID: SP 2 @ 5' (H400353-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	02/10/2014	ND	2.28	114	2.00	3.13	
Toluene*	<0.100	0.100	02/10/2014	ND	2.24	112	2.00	3.10	
Ethylbenzene*	<0.100	0.100	02/10/2014	ND	2.23	111	2.00	2.89	
Total Xylenes*	<0.300	0.300	02/10/2014	ND	6.50	108	6.00	2.95	
Total BTEX	<0.600	0.600	02/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 120 % 89.4-126

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	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	375	10.0	02/06/2014	ND	194	97.0	200	1.81	

Surrogate: 1-Chlorooctane 86.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.9 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	02/05/2014	Sampling Date:	02/03/2014
Reported:	02/11/2014	Sampling Type:	Soil
Project Name:	WARREN MCKEE #501	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EUNICE, NEW MEXICO		

Sample ID: SP 3 @ 1' (H400353-07)

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	02/10/2014	ND	2.28	114	2.00	3.13	
Toluene*	<0.050	0.050	02/10/2014	ND	2.24	112	2.00	3.10	
Ethylbenzene*	<0.050	0.050	02/10/2014	ND	2.23	111	2.00	2.89	
Total Xylenes*	<0.150	0.150	02/10/2014	ND	6.50	108	6.00	2.95	
Total BTEX	<0.300	0.300	02/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 116 % 89.4-126

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	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	<10.0	10.0	02/06/2014	ND	194	97.0	200	1.81	


Surrogate: 1-Chlorooctane 92.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.0 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/05/2014	Sampling Date:	02/03/2014
Reported:	02/11/2014	Sampling Type:	Soil
Project Name:	WARREN MCKEE #501	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EUNICE, NEW MEXICO		

Sample ID: SP 3 @ 3' (H400353-08)

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	02/11/2014	ND	2.34	117	2.00	4.12	
Toluene*	<0.050	0.050	02/11/2014	ND	2.32	116	2.00	3.68	
Ethylbenzene*	<0.050	0.050	02/11/2014	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/11/2014	ND	6.76	113	6.00	3.04	
Total BTEX	<0.300	0.300	02/11/2014	ND					

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

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	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	11.6	10.0	02/06/2014	ND	194	97.0	200	1.81	

Surrogate: 1-Chlorooctane 93.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.0 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Laboratory Analytical Results Summary
Warren McKee Unit #501

Analyte	Method	Sample		SP1 @ 1'		SP1 @ 3'		SP1 @ 5'	
		Date		2/3/14	mg/kg	2/3/14	mg/kg	2/3/14	mg/kg
Benzene	BTEX 8021B			<0.050	<0.100	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B			<0.050	0.336	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B			<0.050	0.398	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B			<0.150	2.84	0.162			
Total BTEX	BTEX 8021B			<0.300	3.58	<0.300	<0.300	<0.300	<0.300
GRO	TPH 8015M			<10.0	116	<50.0			
DRO	TPH 8015M			<10.0	14600	587			

Analyte	Method	Sample		SP2 @ 1'		SP2 @ 3'		SP2 @ 5'	
		Date		2/3/14	mg/kg	2/3/14	mg/kg	2/3/14	mg/kg
Benzene	BTEX 8021B			<0.050	<0.100	<0.100	<0.100	<0.100	<0.100
Toluene	BTEX 8021B			<0.050	0.267	<0.100	<0.100	<0.100	<0.100
Ethylbenzene	BTEX 8021B			<0.050	0.339	<0.100	<0.100	<0.100	<0.100
Total Xylenes	BTEX 8021B			<0.150	2.47	<0.300	<0.300	<0.300	<0.300
Total BTEX	BTEX 8021B			<0.300	3.08	<0.600	<0.600	<0.600	<0.600
GRO	TPH 8015M			<10.0	<200	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M			14.5	12000	375			

Analyte	Method	Sample		SP3 @ 1'		SP3 @ 3'		SP3 @ 5'	
		Date		2/3/14	mg/kg	2/3/14	mg/kg	2/3/14	mg/kg
Benzene	BTEX 8021B			<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B			<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B			<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B			<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B			<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
GRO	TPH 8015M			<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M			<10.0	11.6	339			

Analytical Results For:

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

Received:	02/05/2014	Sampling Date:	02/03/2014
Reported:	02/11/2014	Sampling Type:	Soil
Project Name:	WARREN MCKEE #501	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EUNICE, NEW MEXICO		

Sample ID: SP 3 @ 5' (H400353-09)

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	02/11/2014	ND	2.34	117	2.00	4.12	
Toluene*	<0.050	0.050	02/11/2014	ND	2.32	116	2.00	3.68	
Ethylbenzene*	<0.050	0.050	02/11/2014	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/11/2014	ND	6.76	113	6.00	3.04	
Total BTEX	<0.300	0.300	02/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 119 % 89.4-126

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	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	339	10.0	02/06/2014	ND	194	97.0	200	1.81	

Surrogate: 1-Chlorooctane 89.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.5 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

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

CHAIN-OF-CUSTODY AND 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: OKY					
Project Name: WADEN McKee # 501					
Project Location: EVIDENCE RM					
Sample Name: Peggy Hernandez					
FOR LAB USE ONLY					
Lab I.D.		Sample I.D.			
H4D03503				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
1 SP10 1'		✓		DATE TIME	
2 SP10 3'		✓		2-3-14 851	
3 SP10 5'		✓		2-3-14 942	
4 SP20 1'		✓		2-3-14 1024	
5 SP20 3'		✓		2-3-14 1058	
6 SP30 1'		✓		2-3-14 1147	
7 SP30 3'		✓		2-3-14 1250	
8 SP30 5'		✓		2-3-14 1410	
9 SP30 3'		✓		2-3-14 1415	
				TPH	
				BTEX	

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Relinquished By: _____ Date: 2-5-14 Received By: _____

Relinquished By: _____ Date: 2-5-14 Time: 8:35 Repetited By: _____

Delivered By: (Circle One)
☒ UPS ☐ Bus Other: -0.8

Sample Condition
Cool Intact
☒ Yes ☐ No

CHECKED BY: _____

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