

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

HOBBS OCD

MAY 01 2013

RECEIVED

PJXK1535149407

4830

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	MLMU CTB	Facility Type	Gathering

Surface Owner	Jimmy Doom	Mineral Owner		Lease No.	91-103817
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	5	24S	37E					Lea

Latitude Longitude

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	90 bbls	Volume Recovered	70 bbls
Source of Release	Hole in water tank	Date and Hour of Occurrence	03/01/2013	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- OCD; James Amos & Jennifer Van Curen- BLM		
By Whom?	Chancey Summers	Date and Hour	03/01/2013 @ 2:31 pm		
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.*

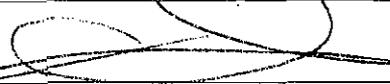
Describe Cause of Problem and Remedial Action Taken.*

A hole in a water tank caused 90 bbls of oil and produced water to leak onto the ground. 70 bbls of oil and produced water were recovered via vacuum truck. The hole was repaired.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 150' x 200'. A hole in a water tank caused 90 bbls of oil and produced water to leak onto the ground. 70 bbls of oil and produced water were recovered via vacuum truck. The hole was repaired. Remediation was completed in accordance with a plan approved by Geoffrey Leking of NMOCD via email on 04/01/2013.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Chancey Summers	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 4-29-13	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary

MAY 01 2013

Form C-141
Revised October 10, 2003

District I
1625 N. French Dr., Hobbs, NM 88240
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Energy Minerals and Natural Resources
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RECEIVED 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	MLMU CTB	Facility Type	Gathering
Surface Owner	Jimmy Doorn	Mineral Owner	
		Lease No.	91-103817

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	5	24S	37E					Lea

Latitude Longitude

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	90 bbls	Volume Recovered	70 bbls
Source of Release	Hole in water tank	Date and Hour of Occurrence	03/01/2013	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- OCD; James Amos & Jennifer Van Curen- BLM		
By Whom?	Chancey Summers	Date and Hour	03/01/2013 @ 2:31 pm		
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 hole in a water tank caused 90 bbls of oil and produced water to leak onto the ground. 70 bbls of oil and produced water were recovered via vacuum truck. The hole was repaired.

Describe Area Affected and Cleanup Action Taken.*
The area affected is approximately 150' x 200'. A hole in a water tank caused 90 bbls of oil and produced water to leak onto the ground. 70 bbls of oil and produced water were recovered via vacuum truck. The hole was repaired. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Chancey Summers	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3-12-13	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary

Closure Report

HOBBS OCD
PJXK1535149407
MAY 01 2013

Site Description

Site Name:	MLMU CTB
Company:	Oxy Permian Ltd.
Legal Description:	U/L H, Section 5, T24S, R37E
County:	Lea County, NM
GPS Coordinates:	N 32.24716° W 103.18446°

Release Data

Date of Release:	03/01/2013
Type of Release:	Oil and Produced water
Source of Release:	Hole in water tank
Volume of Release:	90 bbls
Volume Recovered:	70 bbls

Remediation Specifications

Remediation Parameters:	Excavate the impacted areas to a depth of 1 foot across the entire leak site. Backfill the excavation with clean soil.
Remediation Activities:	04/15/2013 to 04/22/2013

Plan Sent to OCD:	03/28/2013	Email from Cliff Brunson to Geoffrey Leking
OCD Approval of Plan:	04/01/2013	Email from Geoffrey Leking to Cliff Brunson
Plan Sent to BLM:	Not required	Not required
BLM Approval of Plan:	Not required	Not required

Supporting Documentation

Initial C-141	Signed 03/12/2013
Final C-141	Signed 04/29/2013
Site Diagram	March 2013
Groundwater Plot	75'-100'
TOPO Maps	March 2013
Lab Summary	03/07/2013
Lab Analysis	03/07/2013
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.

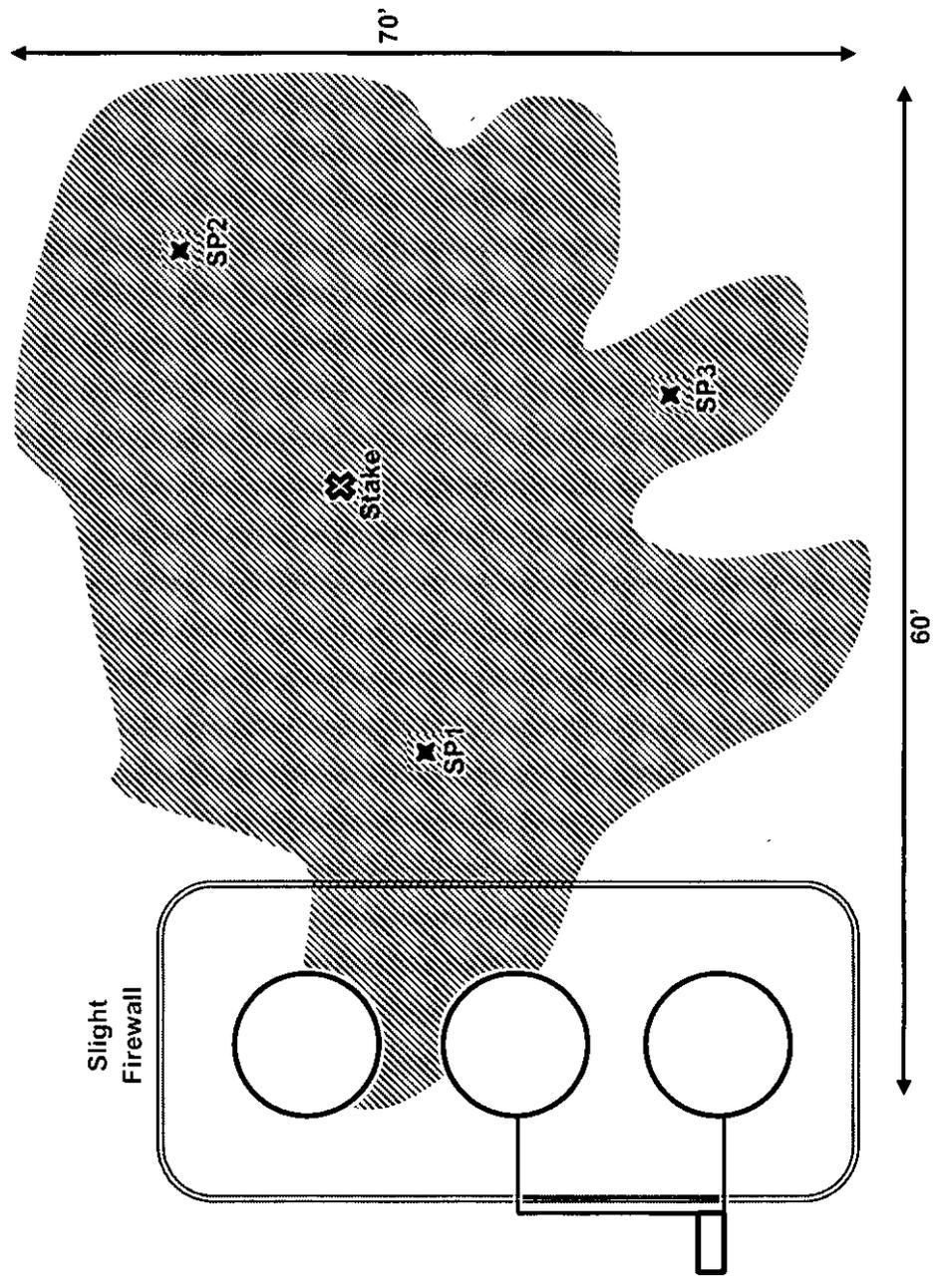
Cliff Brunson, President of BBC International Inc.

04/29/2013

DEC 22 2015



Oxy
MLMU CTB



BBC International, Inc.	
Oxy	
MLMU CTB	
Date: 03/11/2013	DRWG by: K. Purvis
<i>NOT TO SCALE</i>	File: Oxy 2013

Section 5, T24S, R37E
Lea County, NM
N 32.24716° W 103.18446°



Groundwater Plot

Oxy MLMU CTB

County
Lea

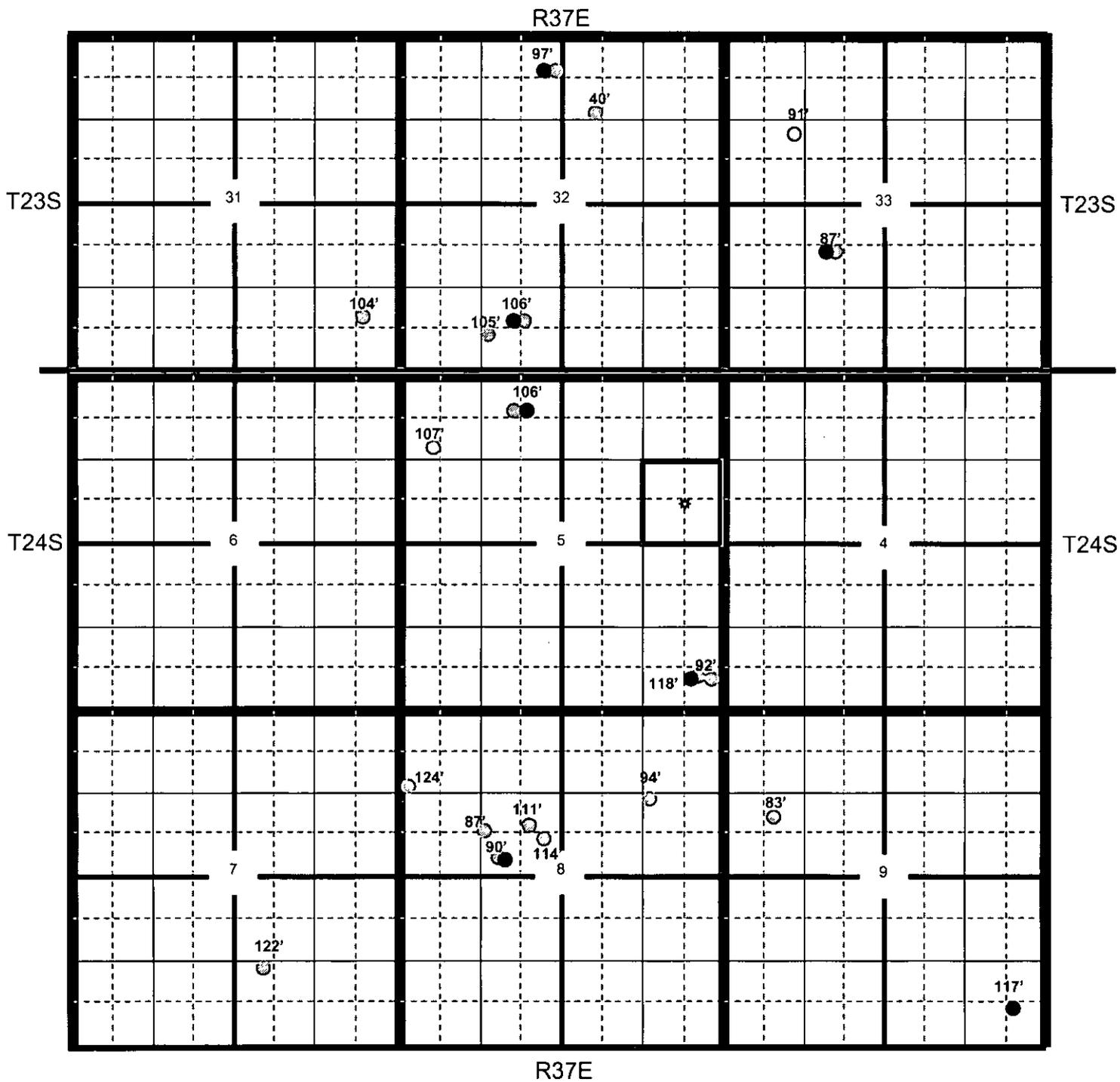
Unit Letter
H

Section
5

Township
24S

Range
37E

Trend Map 75'-100'



★ Location

● OCD

● USGS

● SEO

● All Databases

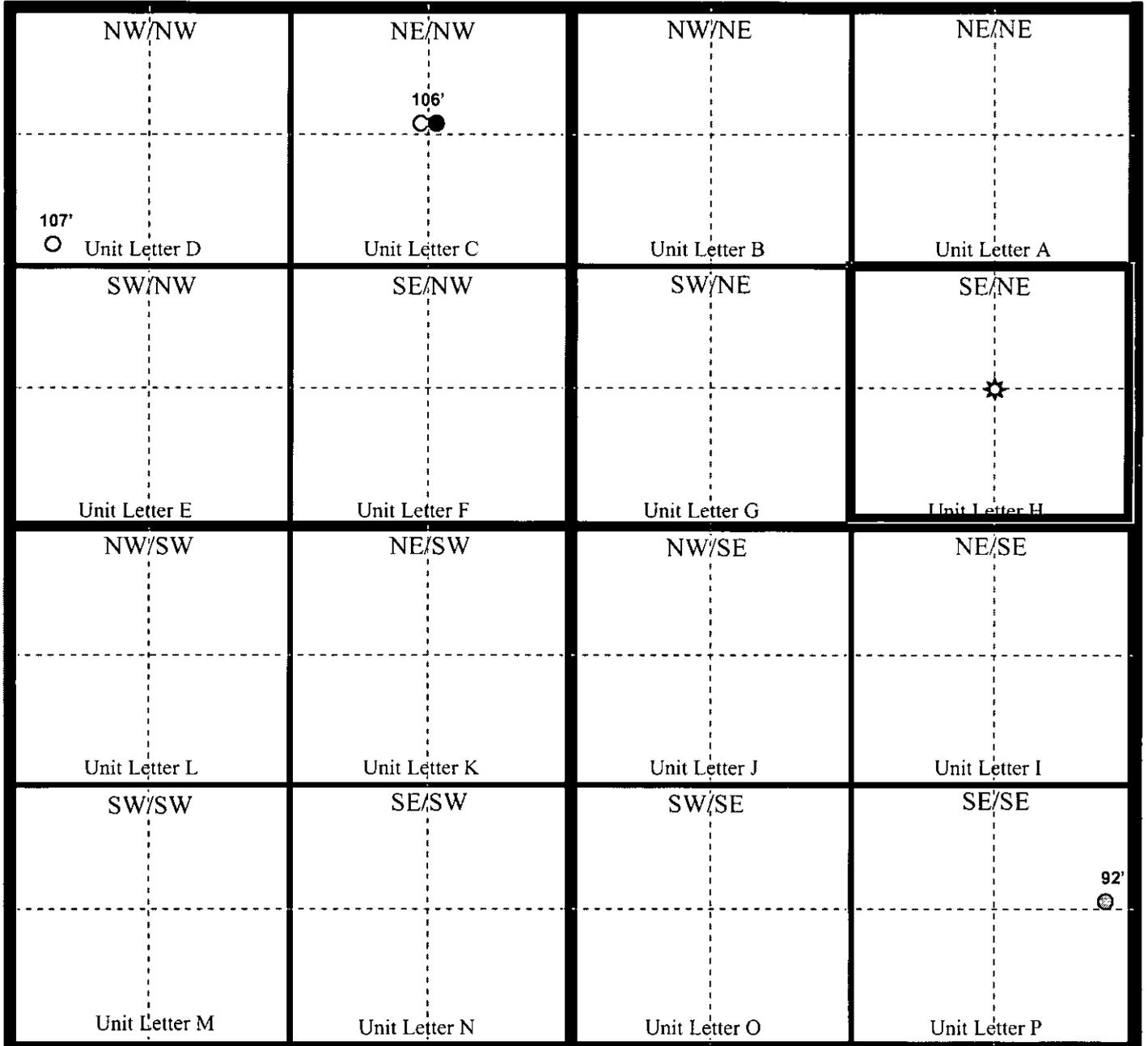
Oxy MLMU CTB

County: Lea Unit Letter: H Section: 5 Township: 24S Range: 37E

Trend Map 75'-100'

1

2

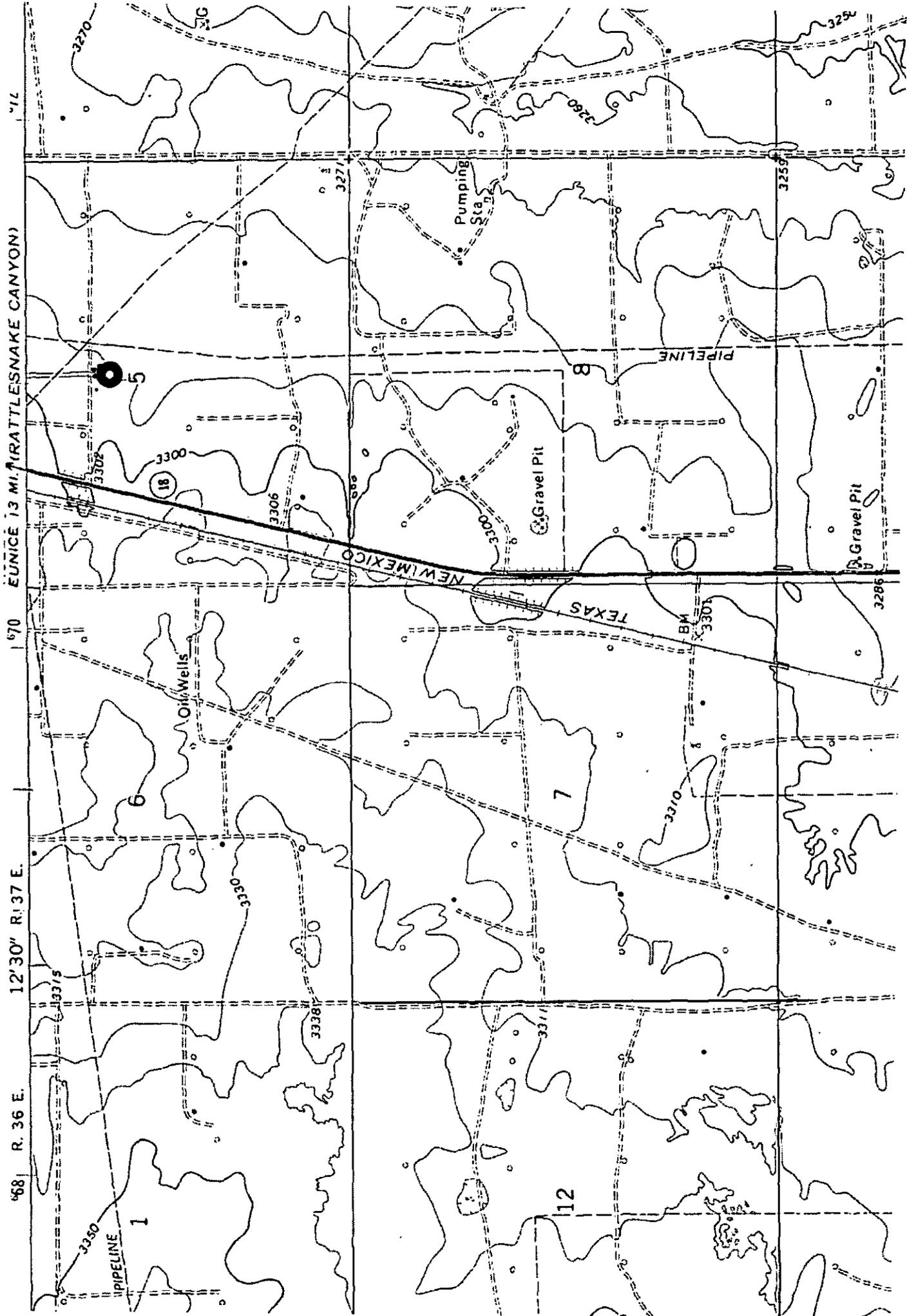


3

4

Oxy

MLMU CTB



Laboratory Analytical Results Summary
MLMU CTB

Analyte	Method	Sample		SP1 @ 1'		SP1 @ 2'	
		Date		3/7/13	mg/Kg	3/7/13	mg/Kg
Benzene	BTEX 8021B				<0.050	<0.050	<0.050
Toluene	BTEX 8021B				0.285	<0.050	<0.050
Ethylbenzene	BTEX 8021B				1.53	<0.050	<0.050
Total Xylenes	BTEX 8021B				6	<0.150	<0.150
Total BTEX	BTEX 8021B				7.82	<0.300	<0.300
Chloride	SM4500Cl-B				7120	320	80
GRO	TPH 8015M				251	<10.0	<10.0
DRO	TPH 8015M				17500	52.3	<10.0

Analyte	Method	Sample		SP2 @ 1'		SP2 @ 2'	
		Date		3/7/13	mg/Kg	3/7/13	mg/Kg
Benzene	BTEX 8021B				<0.050	<0.050	<0.050
Toluene	BTEX 8021B				<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B				0.11	<0.050	<0.050
Total Xylenes	BTEX 8021B				0.217	<0.150	<0.150
Total BTEX	BTEX 8021B				0.327	<0.300	<0.300
Chloride	SM4500Cl-B				2640	32	80
GRO	TPH 8015M				54.6	<10.0	<10.0
DRO	TPH 8015M				5770	<10.0	<10.0

Analyte	Method	Sample		SP3 @ 1'		SP3 @ 2'	
		Date		3/7/13	mg/Kg	3/7/13	mg/Kg
Benzene	BTEX 8021B				<0.050	<0.050	<0.050
Toluene	BTEX 8021B				0.058	<0.050	<0.050
Ethylbenzene	BTEX 8021B				0.382	<0.050	<0.050
Total Xylenes	BTEX 8021B				1.41	<0.150	<0.150
Total BTEX	BTEX 8021B				1.85	<0.300	<0.300
Chloride	SM4500Cl-B				96	240	48
GRO	TPH 8015M				87.5	<10.0	<10.0
DRO	TPH 8015M				6340	27.6	<10.0

March 14, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MLMU - CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/08/13 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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:	03/08/2013	Sampling Date:	03/07/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	MLMU - CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 1 @ SURFACE (H300598-01)

BTEX 8021B		mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2013	ND	2.12	106	2.00	2.39		
Toluene*	0.285	0.050	03/12/2013	ND	2.11	105	2.00	1.58		
Ethylbenzene*	1.53	0.050	03/12/2013	ND	2.05	103	2.00	1.85		
Total Xylenes*	6.00	0.150	03/12/2013	ND	6.29	105	6.00	0.377		
Total BTEX	7.82	0.300	03/12/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 251 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7120	16.0	03/11/2013	ND	432	108	400	3.64		

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	251	50.0	03/11/2013	ND	212	106	200	0.978		
DRO >C10-C28	17500	50.0	03/11/2013	ND	201	101	200	1.95		

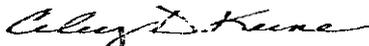
Surrogate: 1-Chlorooctane 136 % 65.2-140

Surrogate: 1-Chlorooctadecane 733 % 63.6-154

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: 03/08/2013
 Reported: 03/14/2013
 Project Name: MLMU - CTB
 Project Number: NONE GIVEN
 Project Location: JAL, NM

 Sampling Date: 03/07/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1 FT (H300598-02)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2013	ND	2.12	106	2.00	2.39		
Toluene*	<0.050	0.050	03/12/2013	ND	2.11	105	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/12/2013	ND	2.05	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	03/12/2013	ND	6.29	105	6.00	0.377		
Total BTEX	<0.300	0.300	03/12/2013	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	03/11/2013	ND	432	108	400	3.64		

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	03/11/2013	ND	212	106	200	0.978		
DRO >C10-C28	52.3	10.0	03/11/2013	ND	201	101	200	1.95		

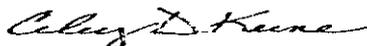
Surrogate: 1-Chlorooctane 79.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.2 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

 Received: 03/08/2013
 Reported: 03/14/2013
 Project Name: MLMU - CTB
 Project Number: NONE GIVEN
 Project Location: JAL, NM

 Sampling Date: 03/07/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 2 FT (H300598-03)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2013	ND	2.12	106	2.00	2.39		
Toluene*	<0.050	0.050	03/12/2013	ND	2.11	105	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/12/2013	ND	2.05	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	03/12/2013	ND	6.29	105	6.00	0.377		
Total BTEX	<0.300	0.300	03/12/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 115 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/11/2013	ND	432	108	400	3.64		

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	03/11/2013	ND	212	106	200	0.978		
DRO >C10-C28	<10.0	10.0	03/11/2013	ND	201	101	200	1.95		

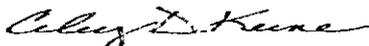
Surrogate: 1-Chlorooctane 77.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.1 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	03/08/2013	Sampling Date:	03/07/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	MLMU - CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 2 @ SURFACE (H300598-04)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2013	ND	2.12	106	2.00	2.39		
Toluene*	<0.050	0.050	03/12/2013	ND	2.11	105	2.00	1.58		
Ethylbenzene*	0.110	0.050	03/12/2013	ND	2.05	103	2.00	1.85		
Total Xylenes*	0.217	0.150	03/12/2013	ND	6.29	105	6.00	0.377		
Total BTEX	0.327	0.300	03/12/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 148 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	03/11/2013	ND	432	108	400	3.64		

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	54.6	50.0	03/11/2013	ND	212	106	200	0.978		
DRO >C10-C28	5770	50.0	03/11/2013	ND	201	101	200	1.95		

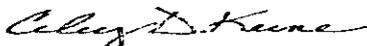
Surrogate: 1-Chlorooctane 87.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 249 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	03/08/2013	Sampling Date:	03/07/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	MLMU - CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 2 @ 1 FT (H300598-05)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2013	ND	2.12	106	2.00	2.39		
Toluene*	<0.050	0.050	03/12/2013	ND	2.11	105	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/12/2013	ND	2.05	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	03/12/2013	ND	6.29	105	6.00	0.377		
Total BTEX	<0.300	0.300	03/12/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 114 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/11/2013	ND	432	108	400	3.64		

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	03/11/2013	ND	212	106	200	0.978		
DRO >C10-C28	<10.0	10.0	03/11/2013	ND	201	101	200	1.95		

Surrogate: 1-Chlorooctane 69.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 82.5 % 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:	03/08/2013	Sampling Date:	03/07/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	MLMU - CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 2 @ 2 FT (H300598-06)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2013	ND	2.12	106	2.00	2.39		
Toluene*	<0.050	0.050	03/12/2013	ND	2.11	105	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/12/2013	ND	2.05	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	03/12/2013	ND	6.29	105	6.00	0.377		
Total BTEX	<0.300	0.300	03/12/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 115 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/11/2013	ND	432	108	400	3.64		

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	03/11/2013	ND	212	106	200	0.978		
DRO >C10-C28	<10.0	10.0	03/11/2013	ND	201	101	200	1.95		

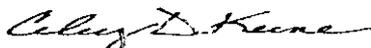
Surrogate: 1-Chlorooctane 71.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 88.9 % 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: 03/08/2013
 Reported: 03/14/2013
 Project Name: MLMU - CTB
 Project Number: NONE GIVEN
 Project Location: JAL, NM

 Sampling Date: 03/07/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ SURFACE (H300598-07)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2013	ND	2.12	106	2.00	2.39		
Toluene*	0.058	0.050	03/12/2013	ND	2.11	105	2.00	1.58		
Ethylbenzene*	0.382	0.050	03/12/2013	ND	2.05	103	2.00	1.85		
Total Xylenes*	1.41	0.150	03/12/2013	ND	6.29	105	6.00	0.377		
Total BTEX	1.85	0.300	03/12/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 188 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/11/2013	ND	432	108	400	3.64		

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	87.5	50.0	03/11/2013	ND	212	106	200	0.978		
DRO >C10-C28	6340	50.0	03/11/2013	ND	201	101	200	1.95		

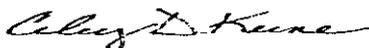
Surrogate: 1-Chlorooctane 88.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 271 % 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:	03/08/2013	Sampling Date:	03/07/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	MLMU - CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 3 @ 1 FT (H300598-08)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2013	ND	2.12	106	2.00	2.39		
Toluene*	<0.050	0.050	03/12/2013	ND	2.11	105	2.00	1.58		
Ethylbenzene*	<0.050	0.050	03/12/2013	ND	2.05	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	03/12/2013	ND	6.29	105	6.00	0.377		
Total BTEX	<0.300	0.300	03/12/2013	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	03/11/2013	ND	432	108	400	3.64		

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	03/12/2013	ND	212	106	200	0.978		
DRO >C10-C28	27.6	10.0	03/12/2013	ND	201	101	200	1.95		

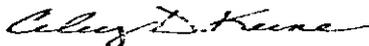
Surrogate: 1-Chlorooctane 78.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.7 % 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:	03/08/2013	Sampling Date:	03/07/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	MLMU - CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 3 @ 2 FT (H300598-09)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/11/2013	ND	432	108	400	3.64		

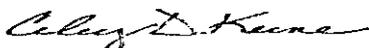
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/11/2013	ND	212	106	200	0.978		
DRO >C10-C28	<10.0	10.0	03/11/2013	ND	201	101	200	1.95		

Surrogate: 1-Chlorooctane 76.0 % 65.2-140
Surrogate: 1-Chlorooctadecane 94.5 % 63.6-154

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*=Accredited Analyte

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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.

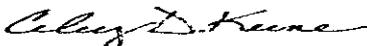
- ND Analyte NOT DETECTED at or above the reporting limit

- 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



Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. # **BILITO** ANALYSIS REQUEST

Project Manager: Cliff Brunson Company:

Address: P.O. Box 805 State: NM Zip: 88241

City: Hobbs Attn:

Phone #: 575-397-6388 Fax #: 575-397-0397 Address:

Project #: Project Owner: **OKI** City: **SPAND**

Project Name: **MCM U CTS** State: Zip:

Project Location: **JAL** Phone #: Fax #:

Sampler Name: **Gary Ray** Matrix: PRESERV: SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	B-TEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:					
H300598														
1	SP1@ Surface	G	2						3-7-13	9:00AM	X	X	X	
2	SP2@ 2FT	G	2						3-7-13	9:02AM	X	X	X	
3	SP2@ 2FT	G	2						3-7-13	10:00AM	X	X	X	
4	SP2@ Surface	G	2						3-7-13	10:38AM	X	X	X	
5	SP2@ 2FT	G	2						3-7-13	11:05AM	X	X	X	
6	SP2@ 2FT	G	2						3-7-13	11:40AM	X	X	X	
7	SP3@ Surface	G	2						3-7-13	1:15PM	X	X	X	
8	SP3@ 2FT	G	2						3-7-13	1:37PM	X	X	X	
9	SP3@ 2FT	G	2						3-7-13	2:11PM	X	X	X	

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Relinquished By: **CEA** Date: **3-8-13** Type: **3:35** Received By: **Arli Hunter**

Delivered By: (Circle One) **UPS** Sample Condition: Intact, Broken

Sampler - UPS - Bus - Other: **10c** CHECKED BY: **[Signature]**

Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #26

Kathy Purvis

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Monday, April 01, 2013 2:41 PM
To: C J Summers
Cc: Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: FW: Oxy-MLMU Central Tank Battery Remediation Plan

Approval below.

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

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From: Geoffrey Leking <geoffreyr.leting@state.nm.us>
Date: Monday, April 1, 2013 2:35 PM
To: Cliff Brunson <cbrunson@bbcinternational.com>
Subject: RE: Oxy-MLMU Central Tank Battery Remediation Plan

Cliff

OCD concurs with the contents of the email below. The site is approved for remediation as described. 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.leting@state.nm.us

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Thursday, March 28, 2013 3:12 PM
To: Leking, Geoffrey R, EMNRD

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-MLMU Central Tank Battery Remediation Plan

Geoff,

This message is to confirm our discussion on March 27, 2013 concerning the remediation plan for the Oxy MLMU Central Tank Battery site. I have attached the site diagram and lab data summary table that we used in our discussion. As mutually agreed, Oxy will excavate to a depth of 1 foot across the entire leak area and then backfill the site with clean soil.

If you would please reply back via e-mail with your concurrence to 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

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