

Closure Report

MAR 06 2014

NMOCD ARTESIA

Site Description

Site Name:	Two Marks 36 State #4
Company:	Oxy Permian Ltd.
Legal Description:	U/L O, Section 36, T21S, R24E
County:	Eddy County, NM
GPS Coordinates:	N 32.42917° W 104.45789°

Release Data

Date of Release:	09/26/2013
Type of Release:	Produced water
Source of Release:	4" steel disposal line
Volume of Release:	90 bbls
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Conduct a surface scrape on the entire spill area, and at SP1, resample to delineate to a minimum of 1,000 ppm chloride.
Remediation Activities:	02/11/2014 to 02/18/2014

Plan Sent to OCD:	01/02/2014	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	01/13/2014	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

Supporting Documentation

Initial C-141	Signed 10/08/2013
Final C-141	Signed 02/27/2014
Site Diagram	October 2013
Groundwater Plot	<50'
TOPO Maps	October 2013
Lab Summary	12/02/2013 and 02/17/2014
Lab Analysis	12/02/2013 and 02/17/2014
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.

03/03/2014

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	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Two Marks 36 State #4	Facility Type	Well location
Surface Owner	State	Mineral Owner	API No. 30-015-34833

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	36	21S	24E	670	South	1905	East	Eddy County, NM

Latitude N 32.43007° Longitude W 104.4490°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	90 bbls	Volume Recovered	0 bbls
Source of Release	4" steel disposal line	Date and Hour of Occurrence	09/26/2013	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?	Mike Bratcher- OCD		
By Whom?	Christopher Jones	Date and Hour	09/30/2013 @ 9:07 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 leak in a 4" steel disposal line caused 90 bbls of produced water to leak onto the ground. No fluids were recovered and the line was repaired/replaced.

Describe Area Affected and Cleanup Action Taken.*
The area affected is approximately 350' x 30'. Remediation will be completed in accordance with an approved plan from NMOCD.

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

Signature:	OIL CONSERVATION DIVISION		
Printed Name: Christopher Jones	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Christopher_Jones@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 10-8-13	Phone: (575) 628-4121		

* Attach Additional Sheets If Necessary

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Energy Minerals and Natural Resources
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1220 South St. Francis Dr.
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Form C-141
Revised October 10, 2003

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District Office in accordance
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Release Notification and Corrective Action

OPERATOR Initial Report Final Report

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Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Two Marks 36 State #4	Facility Type	Well location
Surface Owner	State	Mineral Owner	
		API No.	30-015-34833

LOCATION OF RELEASE

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O	36	21S	24E	670	South	1905	East	Eddy County, NM

Latitude N 32.43007° Longitude W 104.4490°

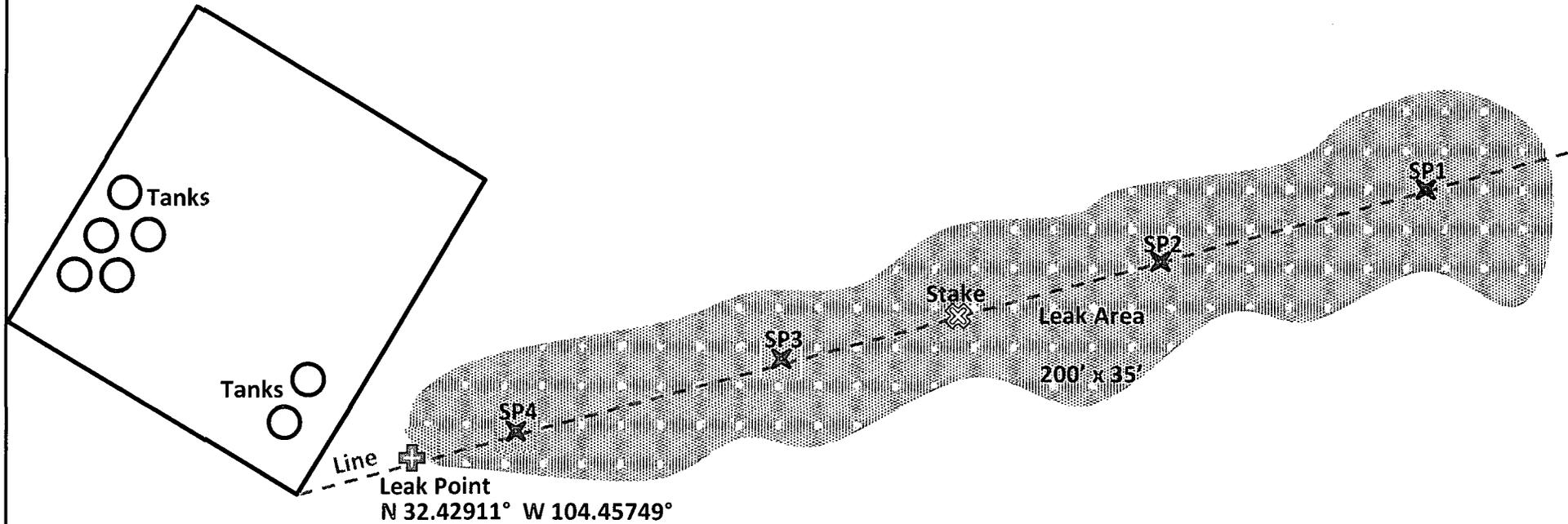
NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	90 bbls	Volume Recovered	0 bbls
Source of Release	4" steel disposal line	Date and Hour of Occurrence	09/26/2013	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?	Mike Bratcher- OCD		
By Whom?	Christopher Jones	Date and Hour	09/30/2013 @ 9:07 am		
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Describe Cause of Problem and Remedial Action Taken.*					
A leak in a 4" steel disposal line caused 90 bbls of produced water to leak onto the ground. No fluids were recovered and the line was repaired/replaced.					
Describe Area Affected and Cleanup Action Taken.*					
The area affected is approximately 350' x 30'. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 01/13/2014.					
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: Christopher Jones		Approved by District Supervisor:			
Title: HES Specialist		Approval Date:		Expiration Date:	
E-mail Address: Christopher.Jones@oxy.com		Conditions of Approval:			Attached <input type="checkbox"/>
Date: 2/27/14		Phone: (575) 628-4121			

* Attach Additional Sheets If Necessary



Oxy
Two Marks 36 State #4



U/L O, Section 36, T21S, R24E

670' FSL and 1905' FEL

Eddy County, NM

GPS at stake: N 32.42917° W 104.45789°

API# 30-015-34833

BBC International, Inc.

Oxy

Two Marks 36 State #4

Date: 10/11/2013

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2013



Groundwater Plot

Oxy Two Marks 36 State #4

County
Lea

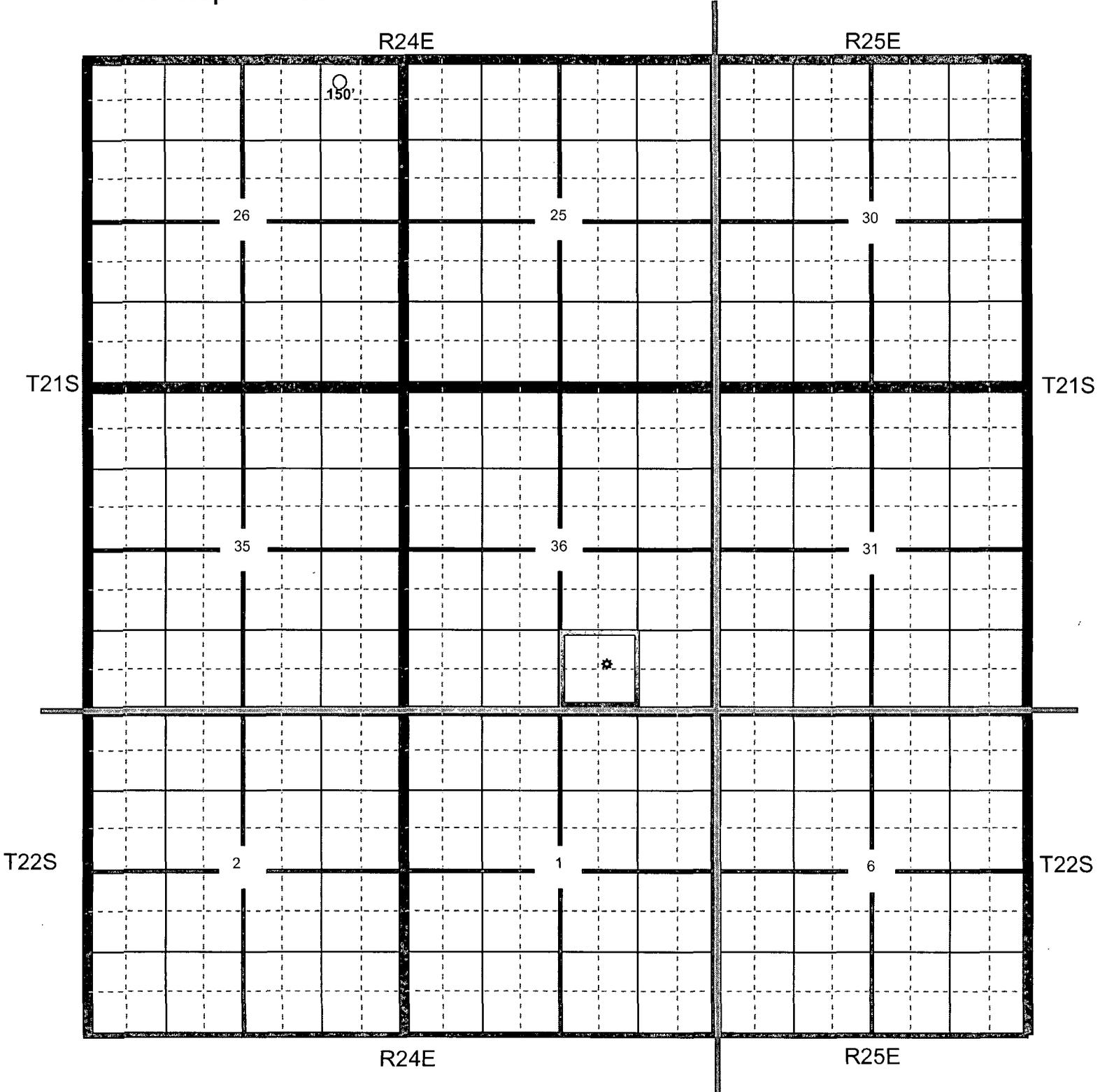
Unit Letter
O

Section
36

Township
21S

Range
24E

Trend Map <50'



⊛ Location

○ OCD

○ USGS

○ SEO

● All Databases

Oxy Two Marks 36 State #4

County Eddy Unit Letter O Section 36 Township 21S Range 24E

Trend Map <50'

1

2

NW/NW None found Unit Letter D	NE/NW Unit Letter C	NW/NE Unit Letter B	NE/NE Unit Letter A
SW/NW Unit Letter E	SE/NW Unit Letter F	SW/NE Unit Letter G	SE/NE Unit Letter H
NW/SW Unit Letter L	NE/SW Unit Letter K	NW/SE Unit Letter J	NE/SE Unit Letter I
SW/SW Unit Letter M	SE/SW Unit Letter N	SW/SE Unit Letter O 	SE/SE Unit Letter P

3

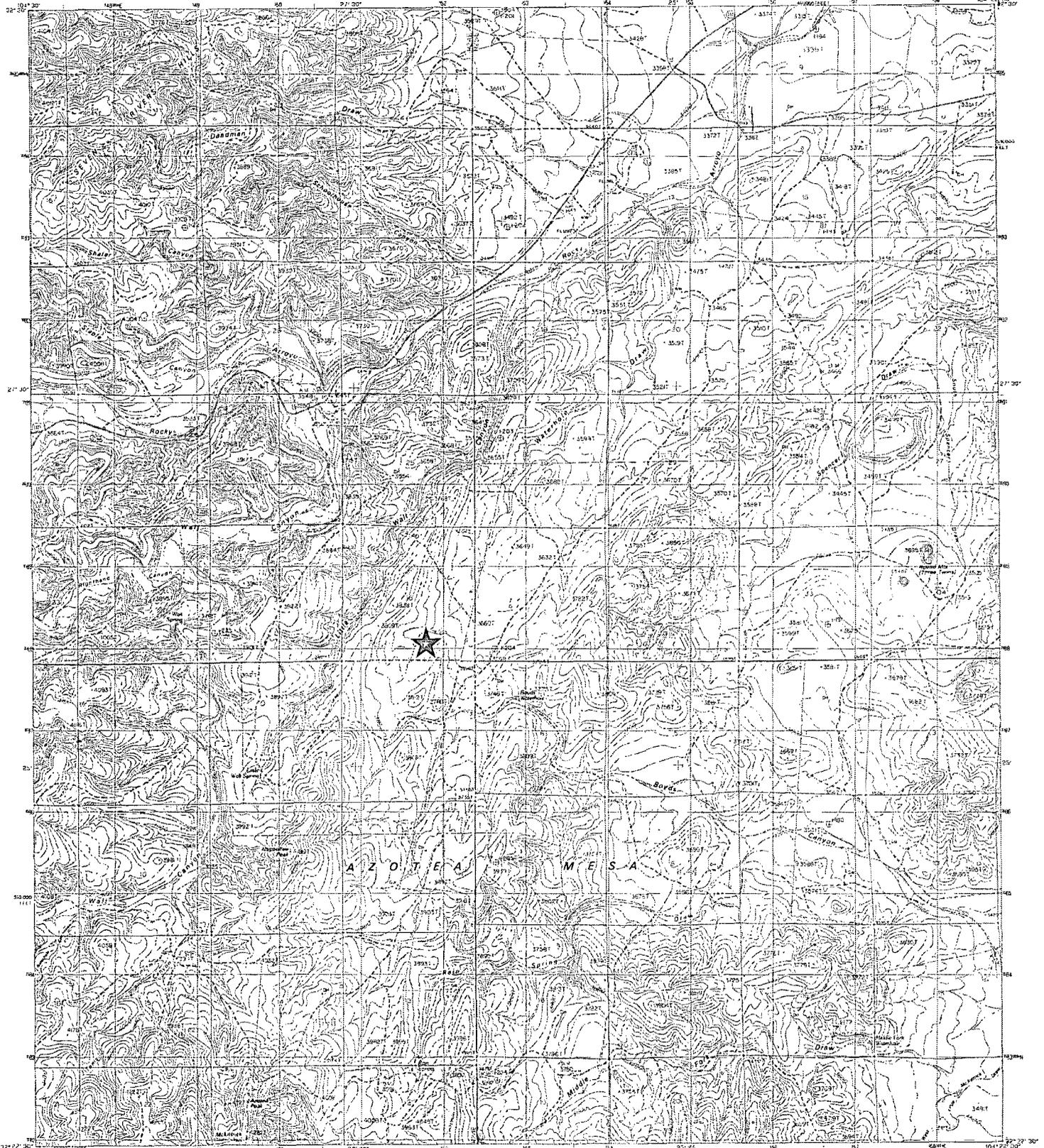
4

Oxy

Two Marks 36 State #4

AZOTEA PEAK QUADRANGLE
NEW MEXICO-EDDY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SCALE 1:24 000

CONTOUR INTERVAL: 20 FEET

ROAD LEGEND

Improved Road
Unimproved Road
Trail
State Route U.S. Route State Route

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check.

THIS MAP COMPILED WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENTON, COLORADO 80225
OR WASHINGTON, D.C. 20501

1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4

AZOTEA PEAK, NEW MEXICO
PROVISIONAL EDITION 1985

33194-D4-T9-024

**Laboratory Analytical Results Summary
Two Marks 36 State #4**

Analyte	Method	Sample Date	SP1 @ SURFACE 12/2/13 mg/Kg	SP1 @ 6" 12/2/13 mg/Kg
Benzene	BTEX 8021B		n/a	n/a
Toluene	BTEX 8021B		n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a
Chloride	SM4500Cl-B		2440	2120
GRO	TPH 8015M		n/a	n/a
DRO	TPH 8015M		n/a	n/a

Analyte	Method	Sample Date	SP2 @ SURFACE 12/2/13 mg/Kg	SP2 @ 6" 12/2/13 mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500Cl-B		32	96
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		10.1	n/a

Analyte	Method	Sample Date	SP3 @ SURFACE 12/2/13 mg/Kg	SP3 @ 6" 12/2/13 mg/Kg
Benzene	BTEX 8021B		n/a	n/a
Toluene	BTEX 8021B		n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a
Chloride	SM4500Cl-B		832	640
GRO	TPH 8015M		n/a	n/a
DRO	TPH 8015M		n/a	n/a

Analyte	Method	Sample Date	SP4 @ SURFACE 12/2/13 mg/Kg	SP4 @ 6" 12/2/13 mg/Kg
Benzene	BTEX 8021B		n/a	n/a
Toluene	BTEX 8021B		n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a
Chloride	SM4500Cl-B		160	160
GRO	TPH 8015M		n/a	n/a
DRO	TPH 8015M		n/a	n/a

Laboratory Analytical Results Summary
Two Marks 36 State #4

		Sample	SP1 @ 1'
Analyte	Method	Date	2/17/14
			mg/Kg
Chloride	SM4500Cl-B		272

December 16, 2013

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

RE: TWO MARKS 36 STATE #4

Enclosed are the results of analyses for samples received by the laboratory on 12/05/13 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/ga/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: 12/05/2013
 Reported: 12/16/2013
 Project Name: TWO MARKS 36 STATE #4
 Project Number: NONE GIVEN
 Project Location: INDIAN BASIN

 Sampling Date: 12/02/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ SURFACE (H302953-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	12/16/2013	ND	432	108	400	3.77		

Sample ID: SP 1 @ 6 IN. (H302953-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	12/16/2013	ND	432	108	400	3.77		

Sample ID: SP 2 @ SURFACE (H302953-03)

BTEX 8021B		mg/kg		Analyzed By: CK							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	12/06/2013	ND	2.24	112	2.00	1.34			
Toluene*	<0.050	0.050	12/06/2013	ND	2.27	114	2.00	2.47			
Ethylbenzene*	<0.050	0.050	12/06/2013	ND	2.27	114	2.00	3.35			
Total Xylenes*	<0.150	0.150	12/06/2013	ND	6.80	113	6.00	4.86			
Total BTEX	<0.300	0.300	12/06/2013	ND							

Surrogate: 4-Bromofluorobenzene (PIE) 131 % 89.4-126

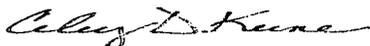
Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/16/2013	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

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:	12/05/2013	Sampling Date:	12/02/2013
Reported:	12/16/2013	Sampling Type:	Soil
Project Name:	TWO MARKS 36 STATE #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	INDIAN BASIN		

Sample ID: SP 2 @ SURFACE (H302953-03)

TPH 8015M	mg/kg		Analyzed By: ck							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/06/2013	ND	192	96.0	200	11.2		
DRO >C10-C28	10.1	10.0	12/06/2013	ND	190	95.1	200	12.5		
<i>Surrogate: 1-Chlorooctane</i>										
	103 %	65.2-140								
<i>Surrogate: 1-Chlorooctadecane</i>										
	100 %	63.6-154								

Sample ID: SP 2 @ 6 IN. (H302953-04)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/16/2013	ND	432	108	400	3.77		

Sample ID: SP 3 @ SURFACE (H302953-05)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	12/16/2013	ND	432	108	400	3.77		

Sample ID: SP 3 @ 6 IN. (H302953-06)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	12/16/2013	ND	432	108	400	3.77		

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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:	12/05/2013	Sampling Date:	12/02/2013
Reported:	12/16/2013	Sampling Type:	Soil
Project Name:	TWO MARKS 36 STATE #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	INDIAN BASIN		

Sample ID: SP 4 @ SURFACE (H302953-07)

Chloride, SM4500CI-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/16/2013	ND	432	108	400	3.77	

Sample ID: SP 4 @ 6 IN. (H302953-08)

Chloride, SM4500CI-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/16/2013	ND	432	108	400	3.77	

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

February 21, 2014

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

RE: TWO MARKS 36 STATE #4

Enclosed are the results of analyses for samples received by the laboratory on 02/18/14 10:35.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Celey D. Keene", written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/18/2014	Sampling Date:	02/17/2014
Reported:	02/21/2014	Sampling Type:	Soil
Project Name:	TWO MARKS 36 STATE #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	INDIAN BASIN		

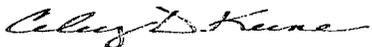
Sample ID: SP 1 @ 6 INCHES (H400484-01)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/20/2014	ND	386	96.5	400	3.56	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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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

1 of
 Page 4 of 4

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																						
Project Manager: Cliff Brunson		P.O. #:																								
Address: P.O. Box 805		Company:																								
City: Hobbs State: NM Zip: 88241		Attn:																								
Phone #: 575-397-6388 Fax #: 575-397-0397		Address:																								
Project #: Project Owner: (X)		City:																								
Project Name: Two marks 36 #4		State: Zip:																								
Project Location: Carl's Bed		Phone #:																								
Sampler Name: Simon		Fax #:																								
FOR LAB USE ONLY																										
Lab I.D.		Sample I.D.		G/RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
H400484		SP 20 6:17		G	2			X					X	12/17/14	6:45	X										
		2/18/14 KAP																								

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Relinquished By: <i>[Signature]</i>		Date: 2/17/14	Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		Time: 5:00pm			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <i>[Signature]</i>		Date: 2/18/14	Received By: Jodi Henson		REMARKS:	
		Time: 10:35				
Delivered By: (Circle One)			Sample Condition		CHECKED BY: <i>[Signature]</i>	
Sampler - UPS - Bus - Other: 5:20			Cool <input type="checkbox"/> Intact <input type="checkbox"/>			
			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
			Yes <input type="checkbox"/> No <input type="checkbox"/>			

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

#54

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Monday, January 13, 2014 11:44 AM
To: Cliff P. Brunson
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY-Two Marks 36 State #4-Remediation Plan

Reference: OXY USA * Two Marks 36 St 004 * 30-015-34833 * O-36-21s-24e * Eddy County, New Mexico
NMOCD Reference number: 2RP-1981 * Date of release: 9/26/2013

Cliff,

Your proposal for remediation of the above referenced release is approved. Please notify OCD prior to commencement of remedial activities.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Thursday, January 02, 2014 12:38 PM
To: Bratcher, Mike, EMNRD
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Two Marks 36 State #4-Remediation Plan

Mike,

This e-mail is to confirm our conversation on December 18, 2013 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will surface scrape the entire spill area and at SP-1 will resample to delineate to a minimum of 1,000 ppm Chloride and present the lab results to the NMOCD.

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

Thanks, Cliff

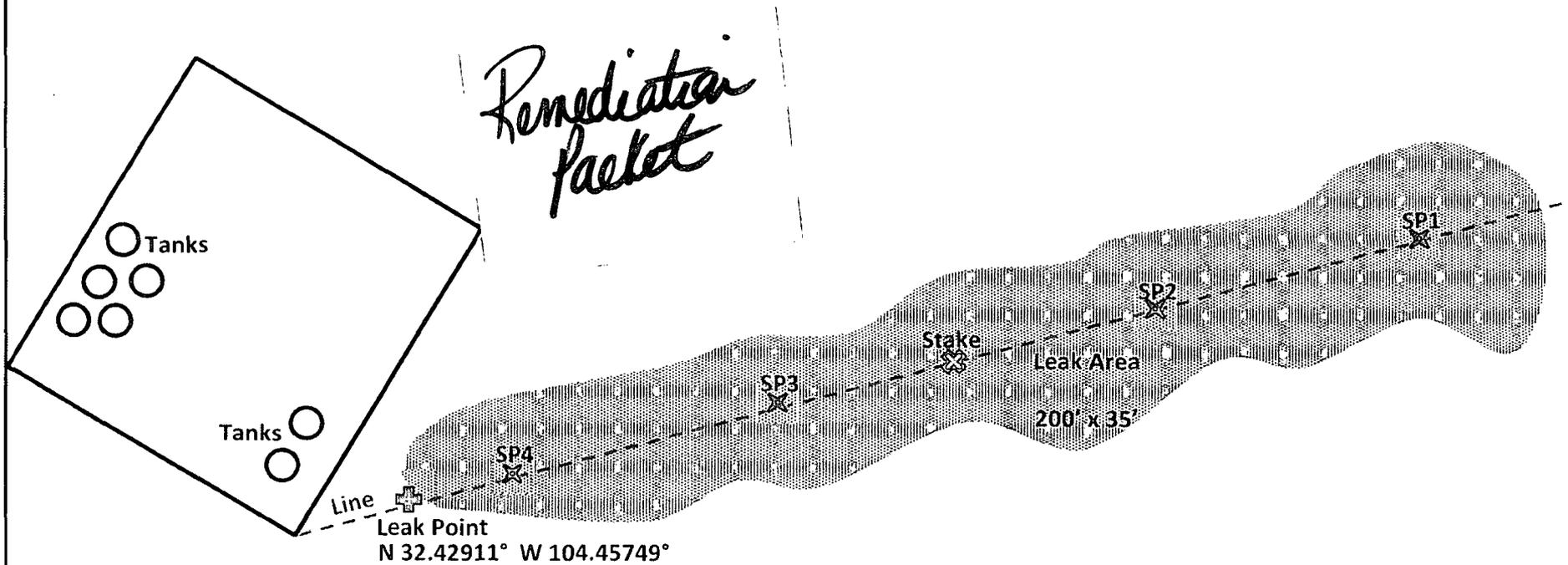
Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists

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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Oxy
Two Marks 36 State #4



U/L O, Section 36, T21S, R24E

670' FSL and 1905' FEL

Eddy County, NM

GPS at stake: N 32.42917° W 104.45789°

API# 30-015-34833

BBC International, Inc.	
Oxy	
Two Marks 36 State #4	
Date: 10/11/2013	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013



Groundwater Plot

Oxy Two Marks 36 State #4

County
Lea

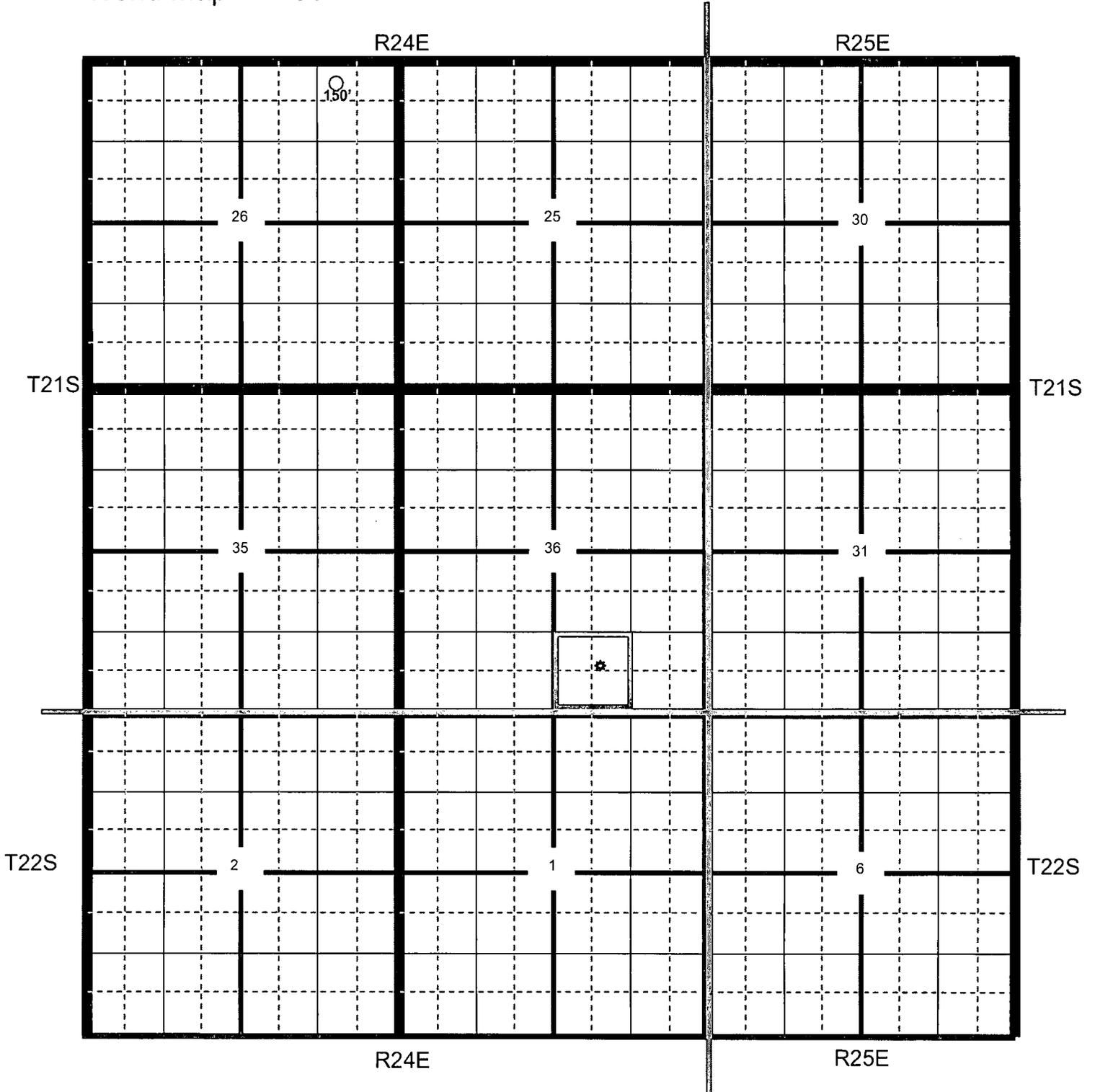
Unit Letter
O

Section
36

Township
21S

Range
24E

Trend Map <50'



★ Location

○ OCD

○ USGS

○ SEO

● All Databases



Section Quarters

Oxy Two Marks 36 State #4

<i>County</i> Eddy	<i>Unit Letter</i> O	<i>Section</i> 36	<i>Township</i> 21S	<i>Range</i> 24E
-----------------------	-------------------------	----------------------	------------------------	---------------------

Trend Map <50'

1

2

NW/NW None found	NE/NW	NW/NE	NE/NE
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

Location
 OCD
 USGS
 SEO
 All Databases

**Laboratory Analytical Results Summary
Two Marks 36 State #4**

		Sample	SP1 @ SURFACE	SP1 @ 6"
Analyte	Method	Date	12/2/13	12/2/13
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a
Toluene	BTEX 8021B		n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a
Chloride	SM4500Cl-B		2440	2120
GRO	TPH 8015M		n/a	n/a
DRO	TPH 8015M		n/a	n/a

		Sample	SP2 @ SURFACE	SP2 @ 6"
Analyte	Method	Date	12/2/13	12/2/13
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500Cl-B		32	96
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		10.1	n/a

		Sample	SP3 @ SURFACE	SP3 @ 6"
Analyte	Method	Date	12/2/13	12/2/13
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a
Toluene	BTEX 8021B		n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a
Chloride	SM4500Cl-B		832	640
GRO	TPH 8015M		n/a	n/a
DRO	TPH 8015M		n/a	n/a

		Sample	SP4 @ SURFACE	SP4 @ 6"
Analyte	Method	Date	12/2/13	12/2/13
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a
Toluene	BTEX 8021B		n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a
Chloride	SM4500Cl-B		160	160
GRO	TPH 8015M		n/a	n/a
DRO	TPH 8015M		n/a	n/a

December 16, 2013

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

RE: TWO MARKS 36 STATE #4

Enclosed are the results of analyses for samples received by the laboratory on 12/05/13 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_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:	12/05/2013	Sampling Date:	12/02/2013
Reported:	12/16/2013	Sampling Type:	Soil
Project Name:	TWO MARKS 36 STATE #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	INDIAN BASIN		

Sample ID: SP 1 @ SURFACE (H302953-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	12/16/2013	ND	432	108	400	3.77		

Sample ID: SP 1 @ 6 IN. (H302953-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	12/16/2013	ND	432	108	400	3.77		

Sample ID: SP 2 @ SURFACE (H302953-03)

BTEX 8021B		mg/kg		Analyzed By: CK							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	12/06/2013	ND	2.24	112	2.00	1.34			
Toluene*	<0.050	0.050	12/06/2013	ND	2.27	114	2.00	2.47			
Ethylbenzene*	<0.050	0.050	12/06/2013	ND	2.27	114	2.00	3.35			
Total Xylenes*	<0.150	0.150	12/06/2013	ND	6.80	113	6.00	4.86			
Total BTEX	<0.300	0.300	12/06/2013	ND							

Surrogate: 4-Bromofluorobenzene (PIL) 131 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/16/2013	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

Cardinal Laboratories

* = Accredited Analyte

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Celestine 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:	12/05/2013	Sampling Date:	12/02/2013
Reported:	12/16/2013	Sampling Type:	Soil
Project Name:	TWO MARKS 36 STATE #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	INDIAN BASIN		

Sample ID: SP 2 @ SURFACE (H302953-03)

TPH 8015M	mg/kg	Analyzed By: ck								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/06/2013	ND	192	96.0	200	11.2		
DRO >C10-C28	10.1	10.0	12/06/2013	ND	190	95.1	200	12.5		
<i>Surrogate: 1-Chlorooctane</i>										
	103 %	65.2-140								
<i>Surrogate: 1-Chlorooctadecane</i>										
	100 %	63.6-154								

Sample ID: SP 2 @ 6 IN. (H302953-04)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/16/2013	ND	432	108	400	3.77		

Sample ID: SP 3 @ SURFACE (H302953-05)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	12/16/2013	ND	432	108	400	3.77		

Sample ID: SP 3 @ 6 IN. (H302953-06)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	12/16/2013	ND	432	108	400	3.77		

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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:	12/05/2013	Sampling Date:	12/02/2013
Reported:	12/16/2013	Sampling Type:	Soil
Project Name:	TWO MARKS 36 STATE #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	INDIAN BASIN		

Sample ID: SP 4 @ SURFACE (H302953-07)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/16/2013	ND	432	108	400	3.77	

Sample ID: SP 4 @ 6 IN. (H302953-08)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/16/2013	ND	432	108	400	3.77	

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL 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.		BILL TO		ANALYSIS REQUEST													
Project Manager: Cliff Brunson		P.O. #:															
Address: P.O. Box 805		Company:															
City: Hobbs State: NM Zip: 88241		Attn:															
Phone #: 575-397-6388 Fax #: 575-397-0397		Address: Same															
Project #: Project Owner: Oxy		City: Same															
Project Name: Two marks 36 State #4		State: Zip:															
Project Location: Indian Basin		Phone #:															
Sampler Name: Gary Ray		Fax #:															
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.		SAMPLING		CL TPH B-TEX						
H302953				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:				ICE / COOL	OTHER:	DATE	TIME
	1 SP 1 @ surface	G	2			X				X						12-2-13	10:00
	2 SP 1 @ 6in	G	1			X				X						12-2-13	10:30
	3 SP 2 @ surface	G	2			X				X						12-2-13	10:48
	4 SP 2 @ 6in	G	2			X				X						12-2-13	11:15
	5 SP 3 @ surface	G	2			X				X						12-2-13	11:38
	6 SP 3 @ 6in	G	2			X				X						12-2-13	12:00
	7 SP 4 @ surface	G	2			X				X						12-2-13	12:45
	8 SP 4 @ 6in	G	2			X				X						12-2-13	1:15

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Relinquished By:	Date: 12/5/13 Time: 4:45	Received By: Jodi Benson	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 5.80			REMARKS:	
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY:		

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

#54

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	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Two Marks 36 State #4	Facility Type	Well location
Surface Owner	State	Mineral Owner	API No. 30-015-34833

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	36	21S	24E	670	South	1905	East	Eddy County, NM

Latitude N 32.43007° Longitude W 104.4490°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	90 bbls	Volume Recovered	0 bbls
Source of Release	4" steel disposal line	Date and Hour of Occurrence	09/26/2013	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?	Mike Bratcher- OCD		
By Whom?	Christopher Jones	Date and Hour	09/30/2013 @ 9:07 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.*

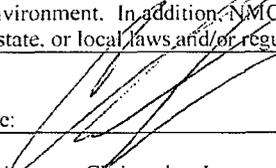
A leak in a 4" steel disposal line caused 90 bbls of produced water to leak onto the ground. No fluids were recovered and the line was repaired/replaced.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 350' x 30'. Remediation will be completed in accordance with an approved plan from NMOCD.

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

OIL CONSERVATION DIVISION

Signature:			
Printed Name: Christopher Jones	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Christopher_Jones@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 10-8-13	Phone: (575) 628-4121		

* Attach Additional Sheets If Necessary