

Closure Report

Site Description

Site Name:	Two Marks 36 State #4 SWD Battery
Company:	Oxy Permian Ltd.
Legal Description:	U/L M, Section 36, T21S, R24E
County:	Eddy County, NM
GPS Coordinates:	N 32.42931° W 104.45817°

Release Data

Date of Release:	01/09/2016
Type of Release:	Produced water
Source of Release:	Frozen discharge line
Volume of Release:	30 bbls
Volume Recovered:	10 bbls

Remediation Specifications

Remediation Parameters:	Backdrag the entire spill area.
Remediation Activities:	4/29/2016

Plan Sent to OCD:	03/14/2016	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	03/16/2016	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	01/26/2016
Final C-141	05/04/2016
Site Diagram	January 2016
Groundwater Plot	<50'
TOPO Maps	January 2016
Lab Summary	02/09/2016
Lab Analysis	02/09/2016
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.

05/12/2016

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Two Marks 36 State #4 SWD Battery	Facility Type	Battery
Surface Owner	State	Mineral Owner	API No. 30-15-34833

LOCATION OF RELEASE

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

Latitude N 32.42931° Longitude W 104.45817°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	30 bbls	Volume Recovered	10 bbls
Source of Release	Frozen discharge line	Date and Hour of Occurrence	01/09/2016	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher, Heather Patterson- NMOCD		
By Whom?	Cliff Brunson, BBC International	Date and Hour	01/09/2016 @ 8:51 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 frozen discharge line leaked 30 bbls of produced water onto the ground. A vacuum truck recovered 10 bbls of produced water and the line was repaired or replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 30' x 100' on location. Remediation will be completed in accordance with the remediation plan approved by NMOCD.

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

Signature:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Casey Summers	Approved by Environmental Specialist:		
Title: NM Environmental Advisor	Approval Date:	Expiration Date:	
E-mail Address: Casey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 1/26/16	Phone: (575) 513-8289		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
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State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

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Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Two Marks 36 State #4 SWD Battery	Facility Type	Battery
Surface Owner	State	Mineral Owner	API No. 30-15-34833

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By Whom?	Cliff Brunson, BBC International	Date and Hour	01/09/2016 @ 8:51 am		
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Describe Area Affected and Cleanup Action Taken.*
The affected area is approximately 30' x 100' on location. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 03/16/2016.

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.

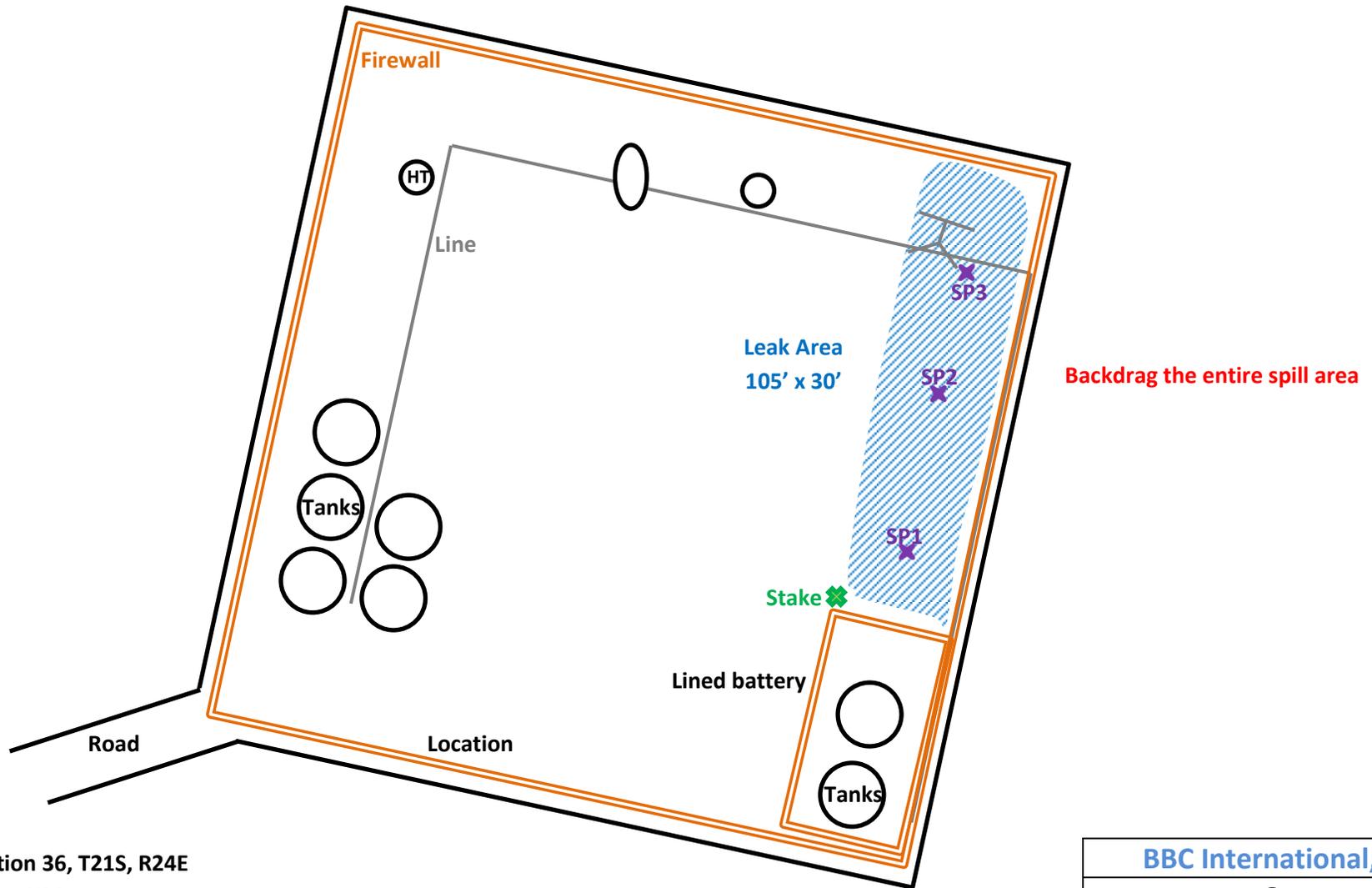
Signature:	OIL CONSERVATION DIVISION		
Printed Name: Casey Summers	Approved by Environmental Specialist:		
Title: NM Environmental Advisor	Approval Date:	Expiration Date:	
E-mail Address: Casey_Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 5-4-16	Phone: (575) 513-8289		

* Attach Additional Sheets If Necessary



Oxy

Two Marks 36 State #4 SWD Battery (1/9/16)



Backdrag the entire spill area

U/L M, Section 36, T21S, R24E
Eddy County, NM
N 32.42931° W 104.45817°
API# 30-015-34833

BBC International, Inc.	
Oxy	
Two Marks 36 State #4 Battery	
Date: 01/26/2016	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2016

Groundwater Plot

Oxy Two Marks 36 State #4 SWD Battery

County
Eddy

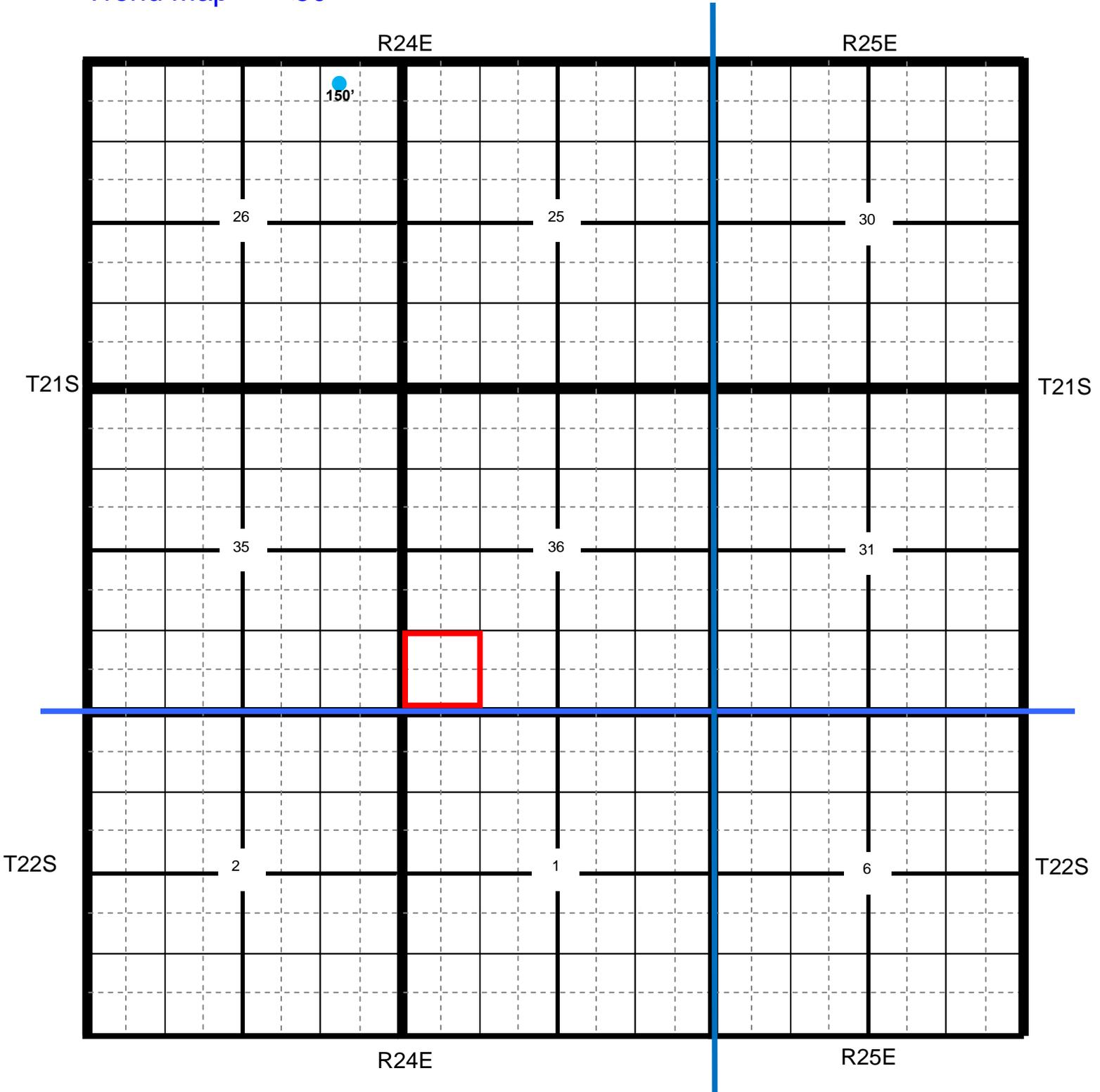
Unit Letter
M

Section
36

Township
21S

Range
24E

Trend Map <50'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Section Quarters

Oxy Two Marks 36 State #4 SWD Battery

County Eddy Unit Letter M Section 36 Township 21S Range 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

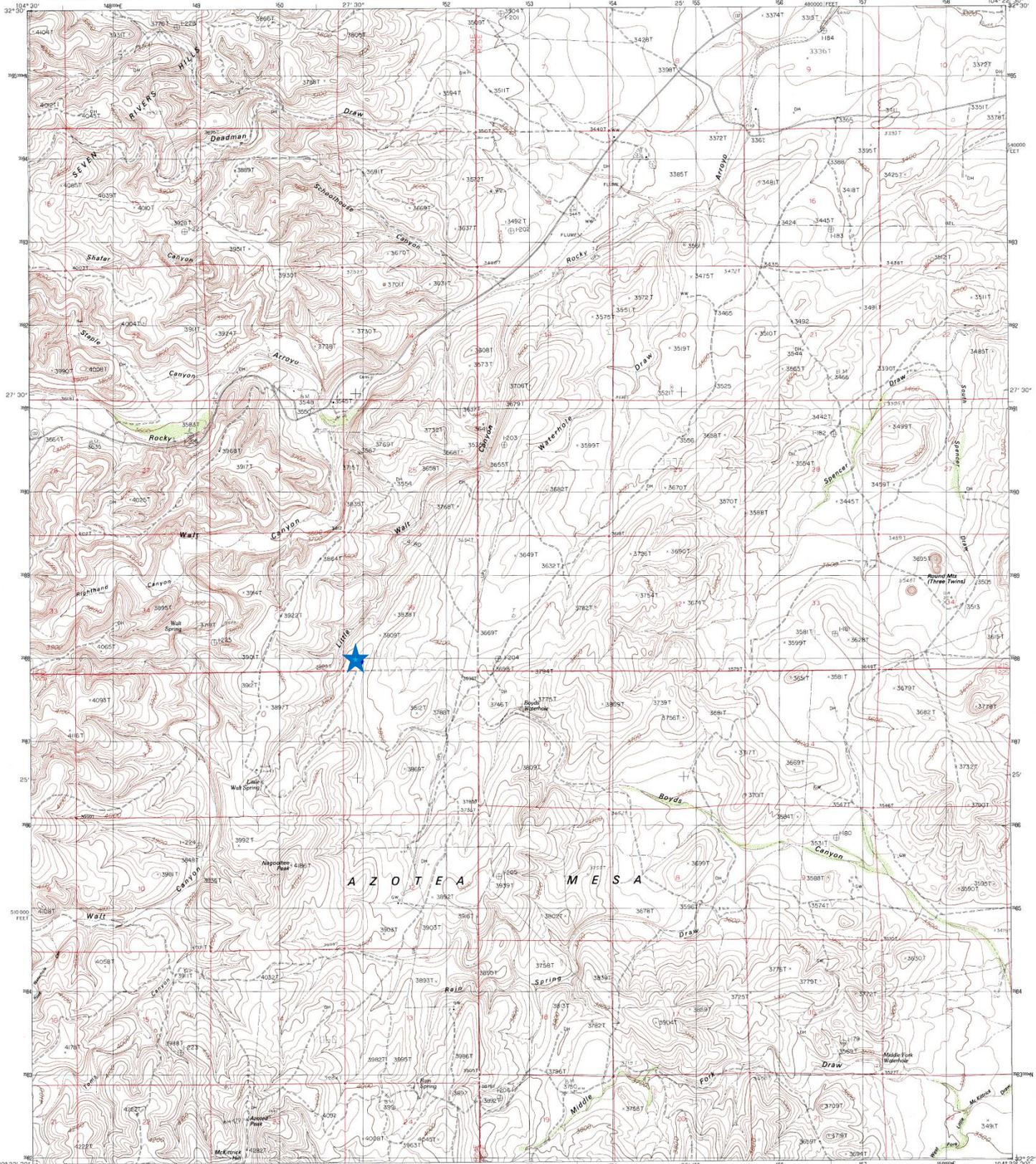
4

Oxy

Two Marks 36 State #4 SWD Battery

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY COMPILED FROM AERIAL PHOTOGRAPHS TAKEN
FIELD CHECKED 1978 MAP EDITED 1988
PROJECTION TRANSVERSE MERCATOR
GRID UTM METER UNIVERSAL TRANSVERSE MERCATOR ZONE 13
BANK-AFOOT STATE GRID TICKS NEW MEXICO, EAST ZONE
UTM GRID DECLINATION 1983 EAST
1983 MAGNETIC NORTH DECLINATION 80° EAST
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1988
HORIZONTAL DATUM 1983 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move
the projection lines as shown by dashed corner ticks
(9 meters south and 47 meters east)
There may be private subdivisions within the boundaries of any
Federal and State Reservations shown on this map

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

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET

NEW MEXICO

ROAD LEGEND

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

1	2	3	1	Fontes Ranch
4	5	6	2	Lake McMillan South
7	8	9	3	Harsh Creek
			4	Carlsbad West
			5	McKenzie Peak
			6	Campan Peak
			7	Black Cone

ADJOINING 7.5 QUADRANGLE NAMES

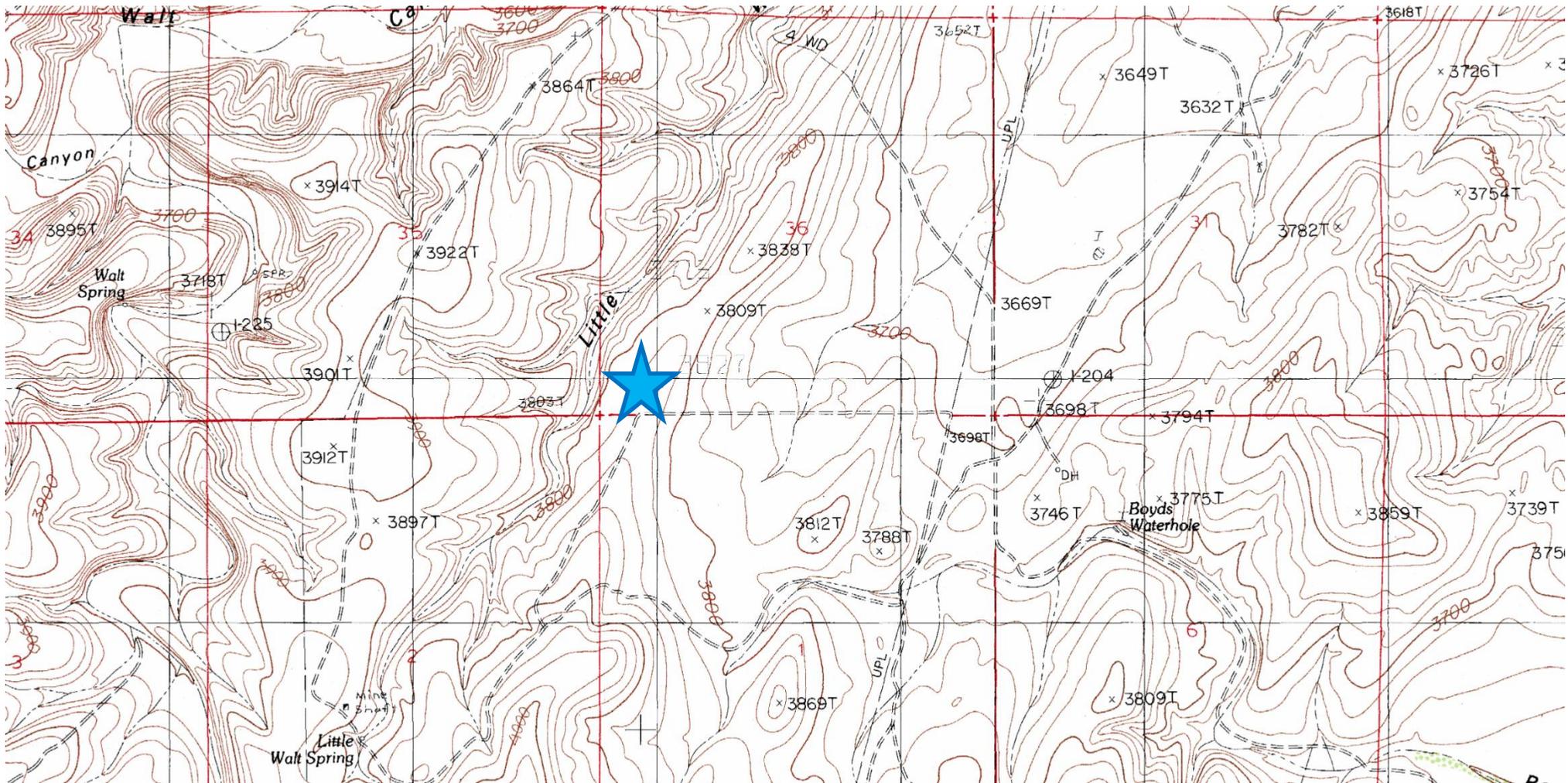
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA, 20192

AZOTEA PEAK, NEW MEXICO
PROVISIONAL EDITION 1985

32104-D4-TF-024

Oxy

Two Marks 36 State #4 SWD Battery



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

		Sample	SP1 @ SURFACE	SP1 @ 1'
Analyte	Method	Date	2/9/16	2/9/16
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		48	160

		Sample	SP2 @ SURFACE	SP2 @ 1'
Analyte	Method	Date	2/9/16	2/9/16
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		144	128

		Sample	SP3 @ SURFACE	SP3 @ 1'
Analyte	Method	Date	2/9/16	2/9/16
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		64	144



February 16, 2016

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

RE: TWO MARKS 36 #4 SWD

Enclosed are the results of analyses for samples received by the laboratory on 02/10/16 9:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	02/10/2016	Sampling Date:	02/09/2016
Reported:	02/16/2016	Sampling Type:	Soil
Project Name:	TWO MARKS 36 #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 1 @ SURFACE (H600293-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2016	ND	416	104	400	3.77	

Sample ID: SP 1 @ 1' (H600293-02)

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	02/15/2016	ND	416	104	400	3.77	

Sample ID: SP 2 @ SURFACE (H600293-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/15/2016	ND	416	104	400	3.77	

Sample ID: SP 2 @ 1' (H600293-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/15/2016	ND	464	116	400	0.00	

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:	02/10/2016	Sampling Date:	02/09/2016
Reported:	02/16/2016	Sampling Type:	Soil
Project Name:	TWO MARKS 36 #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 3 @ SURFACE (H600293-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/15/2016	ND	464	116	400	0.00	

Sample ID: SP 3 @ 1' (H600293-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/15/2016	ND	464	116	400	0.00	

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



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 1

BILL TO

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 Name: Two Maps 36 St # 4
 Project Location: Jackson Basin
 Project Owner: OXY
 State: Zip:
 Phone #:
 Fax #:
 Sample Name: Drive Brunson
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:									
H600293	501 @ Surface	G	1								2/9/16	930							
	2 Sp1 @ 1'	G	1								2/9/16	1000							
	3 Sp2 @ Surface	G	1								2/9/16	1030							
	4 Sp2 @ 1'	G	1								2/9/16	1100							
	5 Sp3 @ Surface	G	1								2/9/16	1145							
	6 Sp3 @ 1'	G	1								2/9/16	1230							

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 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 profit, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Cliff Brunson Date: 2/9/16 Time: 3:00pm
 Relinquished By: [Signature] Date: 2/9/16 Time: 9:47
 Received By: [Signature]
 Delivered By: (Circle One) UPS - UPS - Bus - Other: 9:40
 Sample Condition: Cool Intact Yes No
 CHECKED BY: [Signature]

REMARKS: #54

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

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Wednesday, March 16, 2016 8:17 AM
To: Cliff Brunson
Cc: Patterson, Heather, EMNRD; Casey Summers; Dusty Wilson; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY-Two Marks 36 State #4 SWD Battery-Remediation Plan

RE: OXY USA * Two Marks 36 St 4 * 30-015-34833 * **2RP-3520** * DOR 1/9/2016

Cliff,

Your proposal for remediation of the above referenced release is approved. Please refer to the listed **2RP** number for future correspondence concerning this release.

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 Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Monday, March 14, 2016 6:46 PM
To: Bratcher, Mike, EMNRD
Cc: Patterson, Heather, EMNRD; Casey Summers; Dusty Wilson; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Two Marks 36 State #4 SWD Battery-Remediation Plan

Mike,

This e-mail is to confirm our discussion concerning the remediation plan for the Oxy Two Marks 36 State #4 SWD Battery release. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

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

Thanks, Cliff

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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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.6189 / Virus Database: 4542/11822 - Release Date: 03/16/16











