



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

OXY – TWO MARKS 36 STATE #4 SWD BATTERY

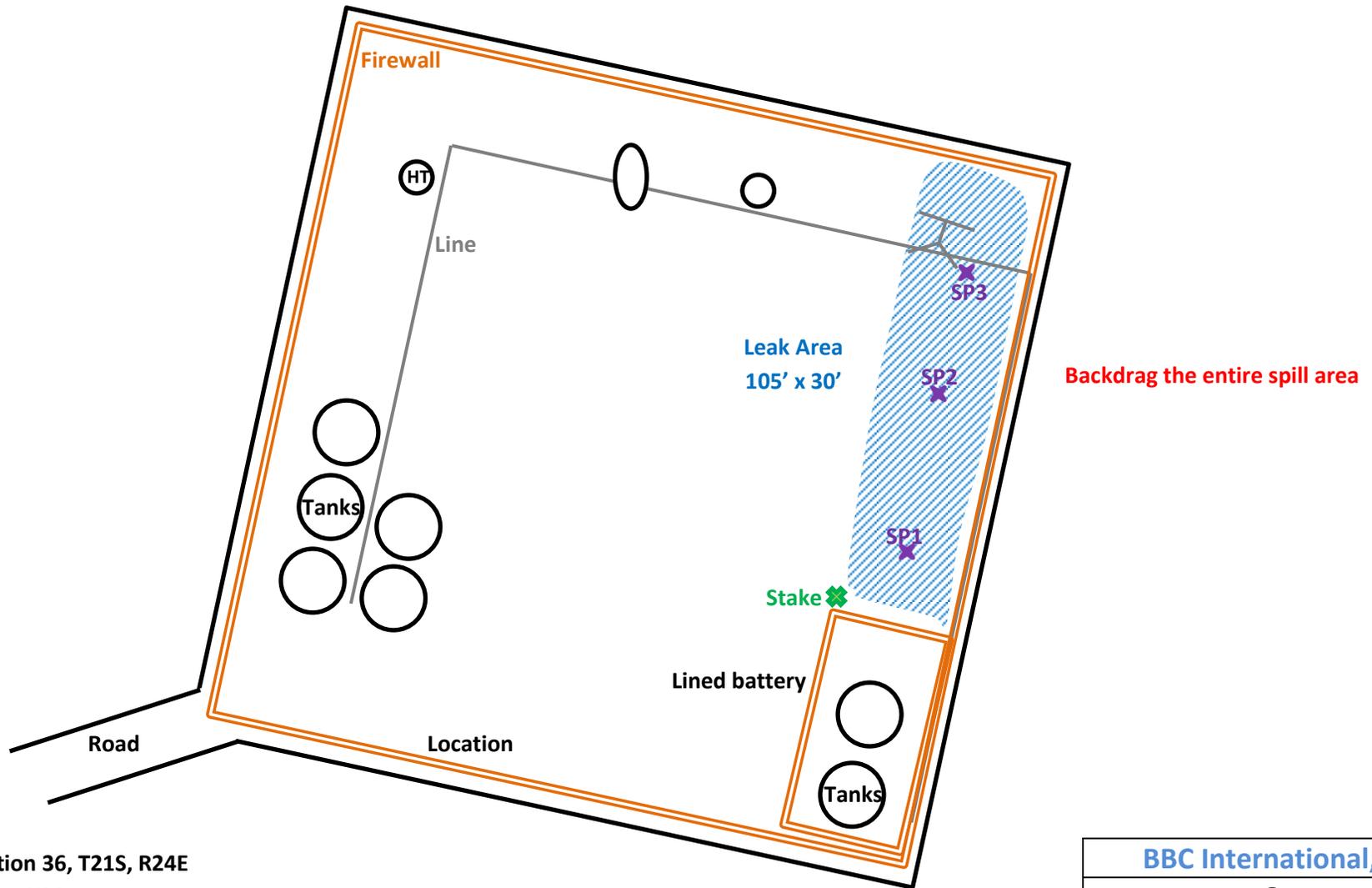
REMEDIATION PLAN

OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be back dragged.



Oxy

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



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

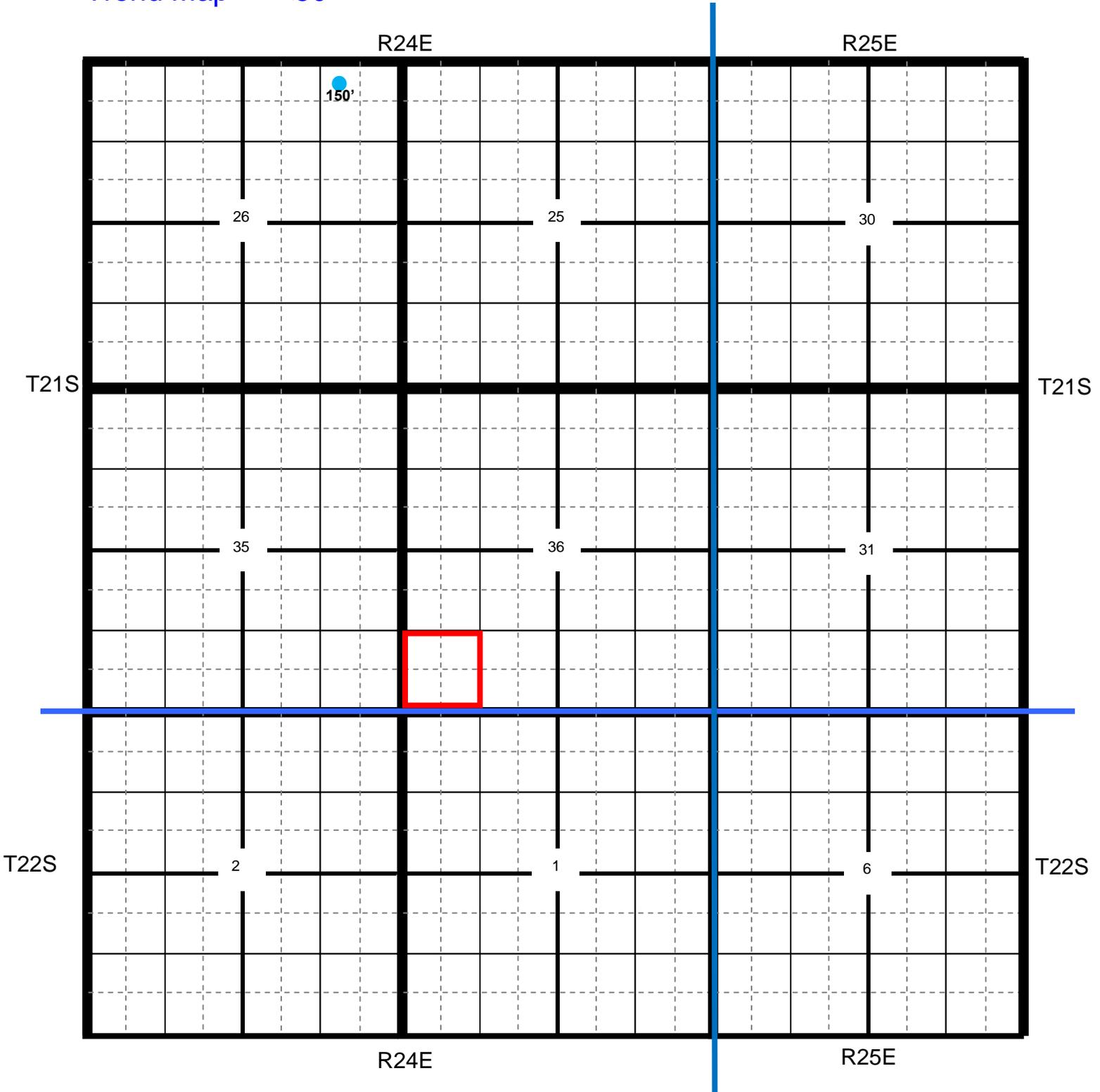
Unit Letter
M

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

**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

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/10/2016	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	

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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

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