



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

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## Oxy – Ridge Runner 7 State #001H CTB (11/01/2016)

### REMEDIATION PLAN, RP # 1RP-4514

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Oxy will excavate the spill area as depicted on the following site diagram. The entire leak area will be excavated to a depth of 6 inches. The impacted material inside the lined battery will be removed. The entire site will then be backfilled with clean soil.

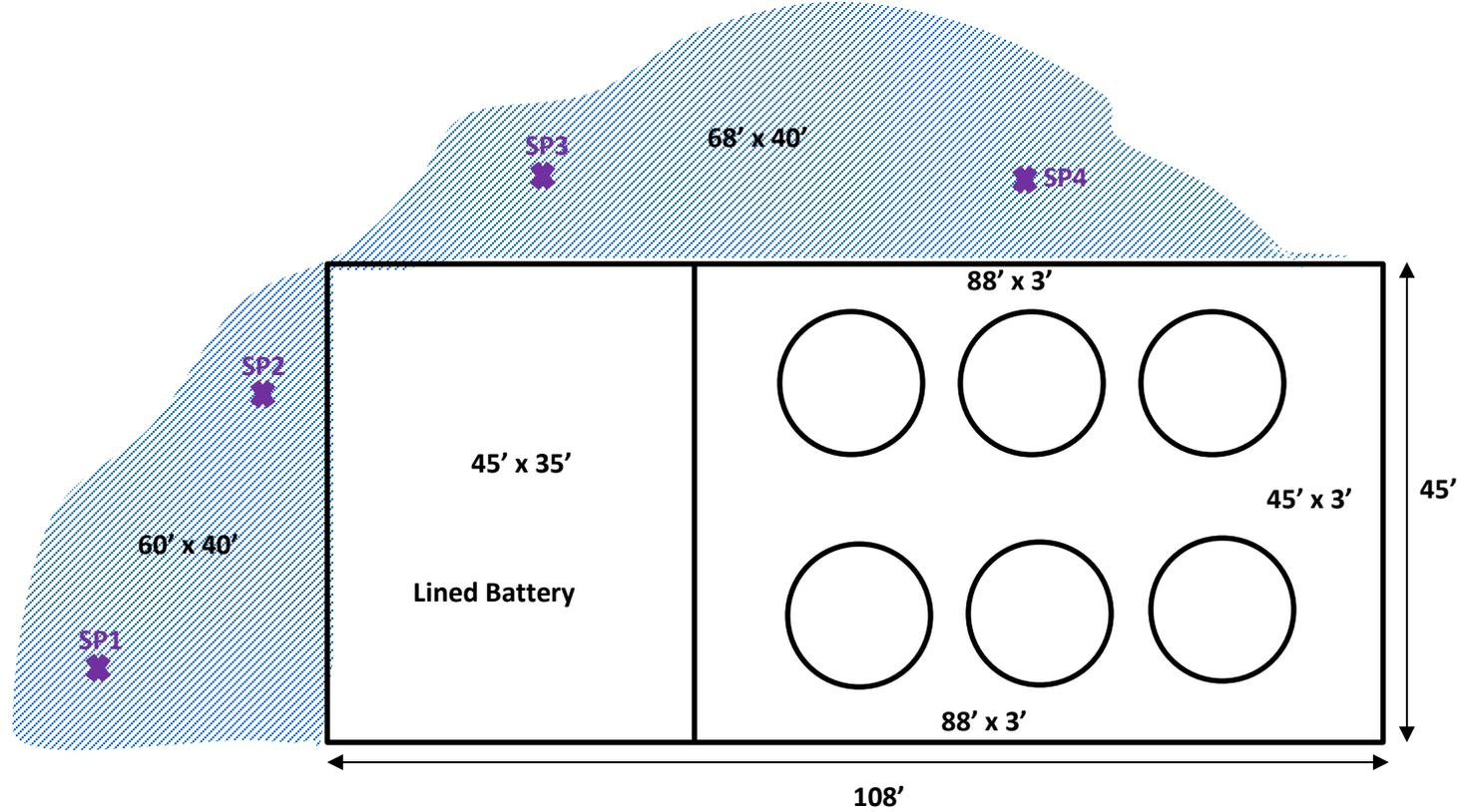
All excavated materials will be disposed of at an NMOCD-approved disposal facility.

**APPROVED**



Oxy

Ridge Runner 7 St #001H CTB (11/01/16)



U/L L, Section 7, T22S, R33E

Lea County, NM

N 32.40353° W 103.61929°

API# 30-025-41646

**BBC International, Inc.**

**Oxy**

**Ridge Runner 7 St #001H CTB**

Date: 11/01/2016 | DRWG by: K. Purvis

NOT TO SCALE | File: Oxy 2016



# Groundwater Plot

## Oxy Ridge Runner 7 St #001H CTB

County  
Lea

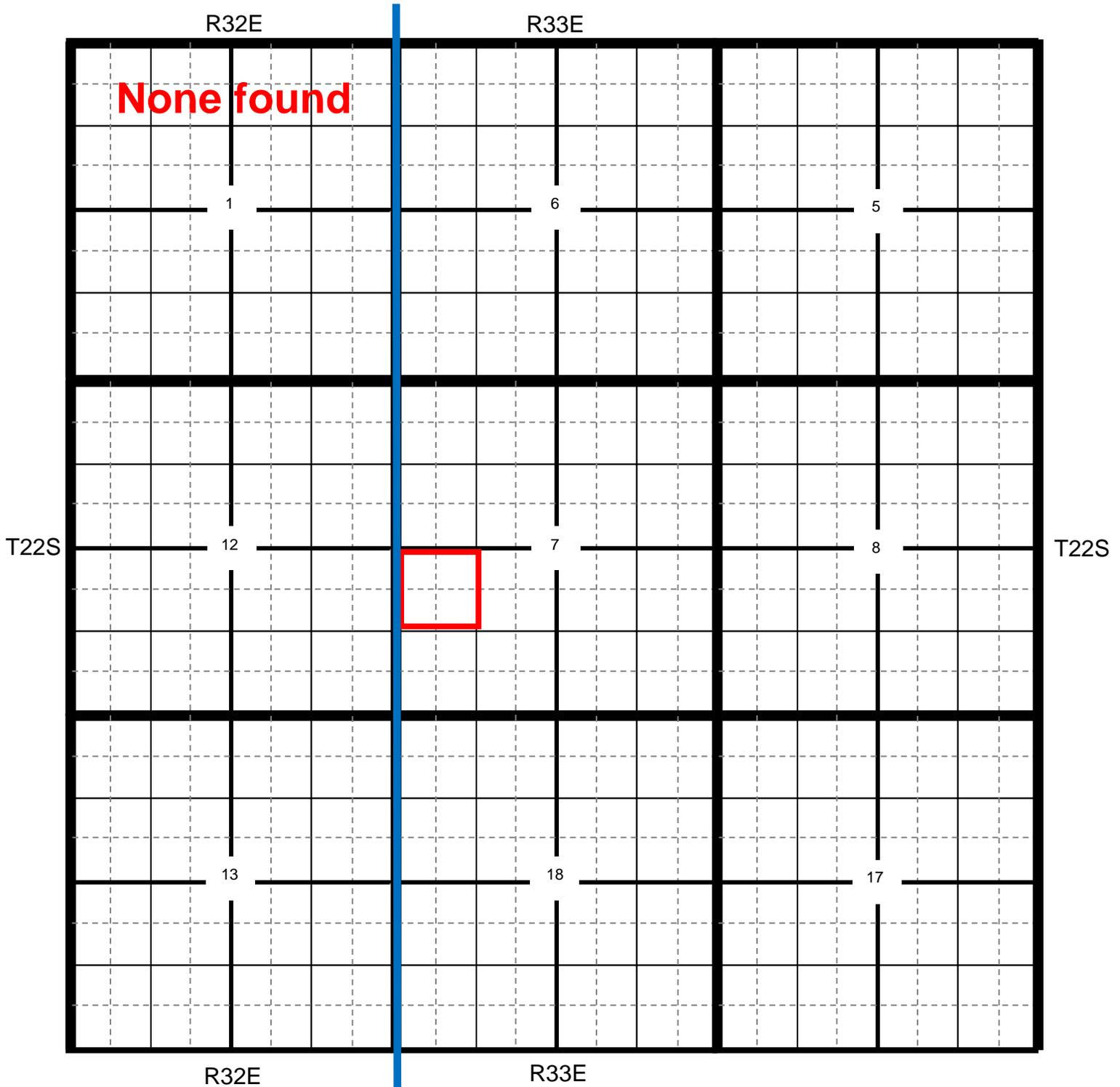
Unit Letter  
L

Section  
7

Township  
22S

Range  
33E

Trend Map 375'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Oxy Ridge Runner 7 St #001H CTB

County: Lea      Unit Letter: L      Section: 7      Township: 22S      Range: 33E

Trend Map 375'

1

2

NW/NW <b>None found</b>	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  
Ridge Runner 7 State #001H CTB**

		Sample	SP1 @ 1'	SP1 @ 3'
Analyte	Method	Date	11/7/16	11/7/16
			mg/Kg	mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>336</b>	<b>32</b>

		Sample	SP2 @ 1'	SP2 @ 3'
Analyte	Method	Date	11/7/16	11/7/16
			mg/Kg	mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>304</b>	<b>96</b>

		Sample	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	11/7/16	11/7/16
			mg/Kg	mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>192</b>	<b>32</b>

		Sample	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	11/7/16	11/7/16
			mg/Kg	mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>176</b>	<b>&lt;16.0</b>



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

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November 16, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RIDGE RUNNER 7 #1H

Enclosed are the results of analyses for samples received by the laboratory on 11/11/16 8:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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](http://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". The signature is 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:	11/11/2016	Sampling Date:	11/07/2016
Reported:	11/16/2016	Sampling Type:	Soil
Project Name:	RIDGE RUNNER 7 #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 1' (H602538-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/15/2016	ND	416	104	400	0.00	

**Sample ID: SP 1 @ 3' (H602538-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/15/2016	ND	416	104	400	0.00	

**Sample ID: SP 2 @ 1' (H602538-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/15/2016	ND	416	104	400	0.00	

**Sample ID: SP 2 @ 3' (H602538-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/15/2016	ND	416	104	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:	11/11/2016	Sampling Date:	11/07/2016
Reported:	11/16/2016	Sampling Type:	Soil
Project Name:	RIDGE RUNNER 7 #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 1' (H602538-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/15/2016	ND	416	104	400	0.00	

**Sample ID: SP 3 @ 2' (H602538-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/15/2016	ND	416	104	400	0.00	

**Sample ID: SP 4 @ 1' (H602538-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/15/2016	ND	416	104	400	0.00	

**Sample ID: SP 4 @ 2' (H602538-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/15/2016	ND	416	104	400	0.00	

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\*=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

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\*=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

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

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	PO Box 4294, Houston, TX 77210	Telephone No.	(575) 513-8289
Facility Name	Ridge Runner 7 St #001H CTB	Facility Type	Battery
Surface Owner	State	Mineral Owner	API No. 30-025-41646

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	7	22S	33E					Lea County, NM

Latitude N 32.40353° Longitude W 103.61929°

**NATURE OF RELEASE**

Type of Release	Produced water	Volume of Release	50 bbls	Volume Recovered	45 bbls
Source of Release	Nipple clamps blew out on the water transfer pump meter	Date and Hour of Occurrence	11/01/2016	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Kristen Lynch- NMOCD		
By Whom?	Kathy@ BBC International, Inc.	Date and Hour	11/03/2016 @ 4:41 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.\*  
The nipple clamps blew out on the water transfer pump meter causing a leak in the tank battery of 50 bbls produced water. A vacuum truck recovered 45 bbls of fluids and the meter was returned to service.

Describe Area Affected and Cleanup Action Taken.\*  
The affected area is approximately 145' x 100' on location inside the battery. Remediation will be completed in accordance with a remediation plan approved 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: 11-9-16	Phone: (575) 513-8289		

\* Attach Additional Sheets If Necessary