



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 – NORTH HOBBS GSA UNIT #141-32

REMEDIATION PLAN

OXY will excavate the spill area as depicted on the following site diagram. The entire spill area outlined in red will be excavated to a depth of 6 inches.

The site will then be backfilled with clean soil. All excavated materials will be disposed of at an NMOCD-approved disposal facility.

RECEIVED

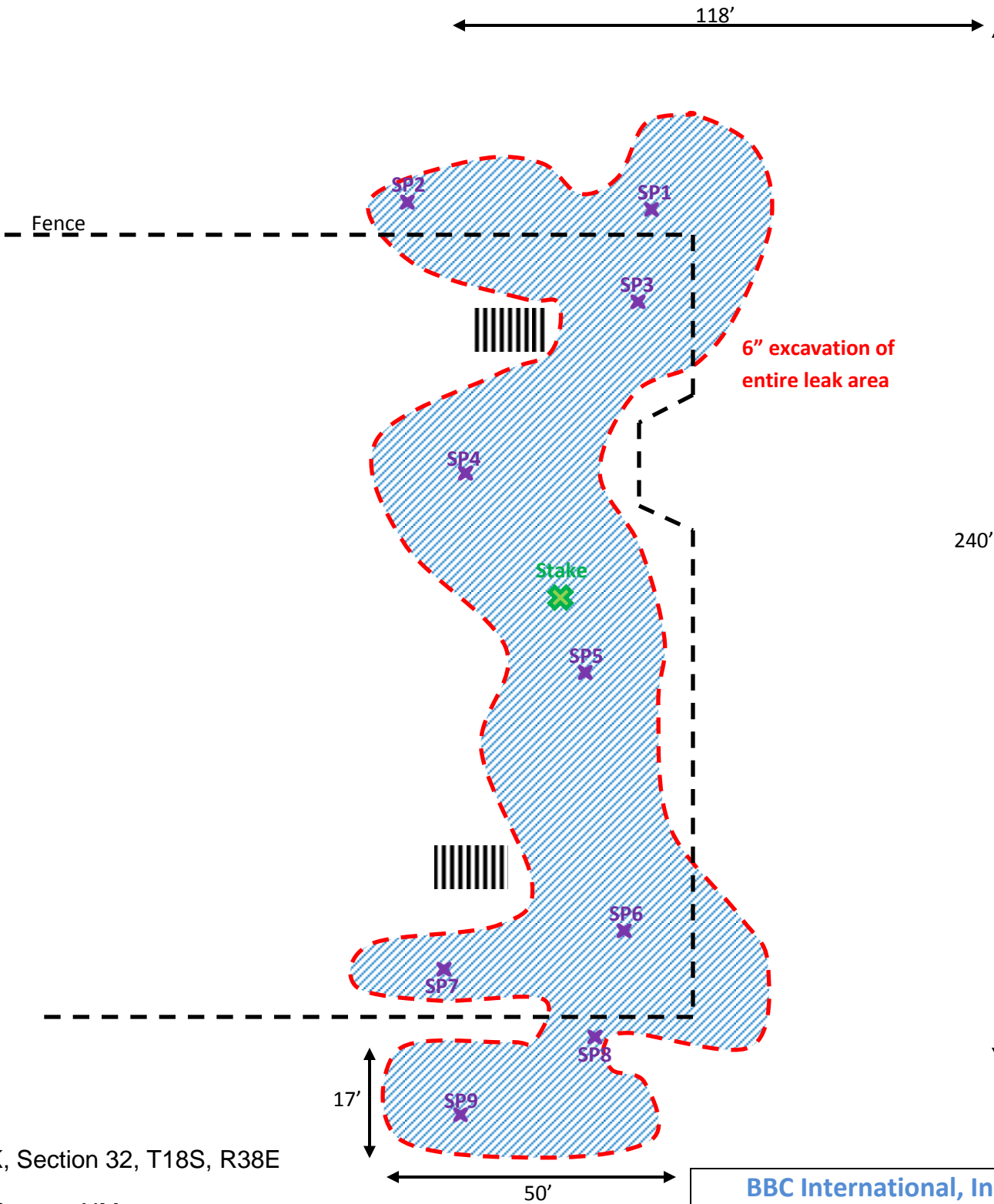
By JKeyes at 2:59 pm, Sep 30, 2015

APPROVED

By JKeyes at 2:59 pm, Sep 30, 2015



Oxy
North Hobbs GSA Unit #141-32



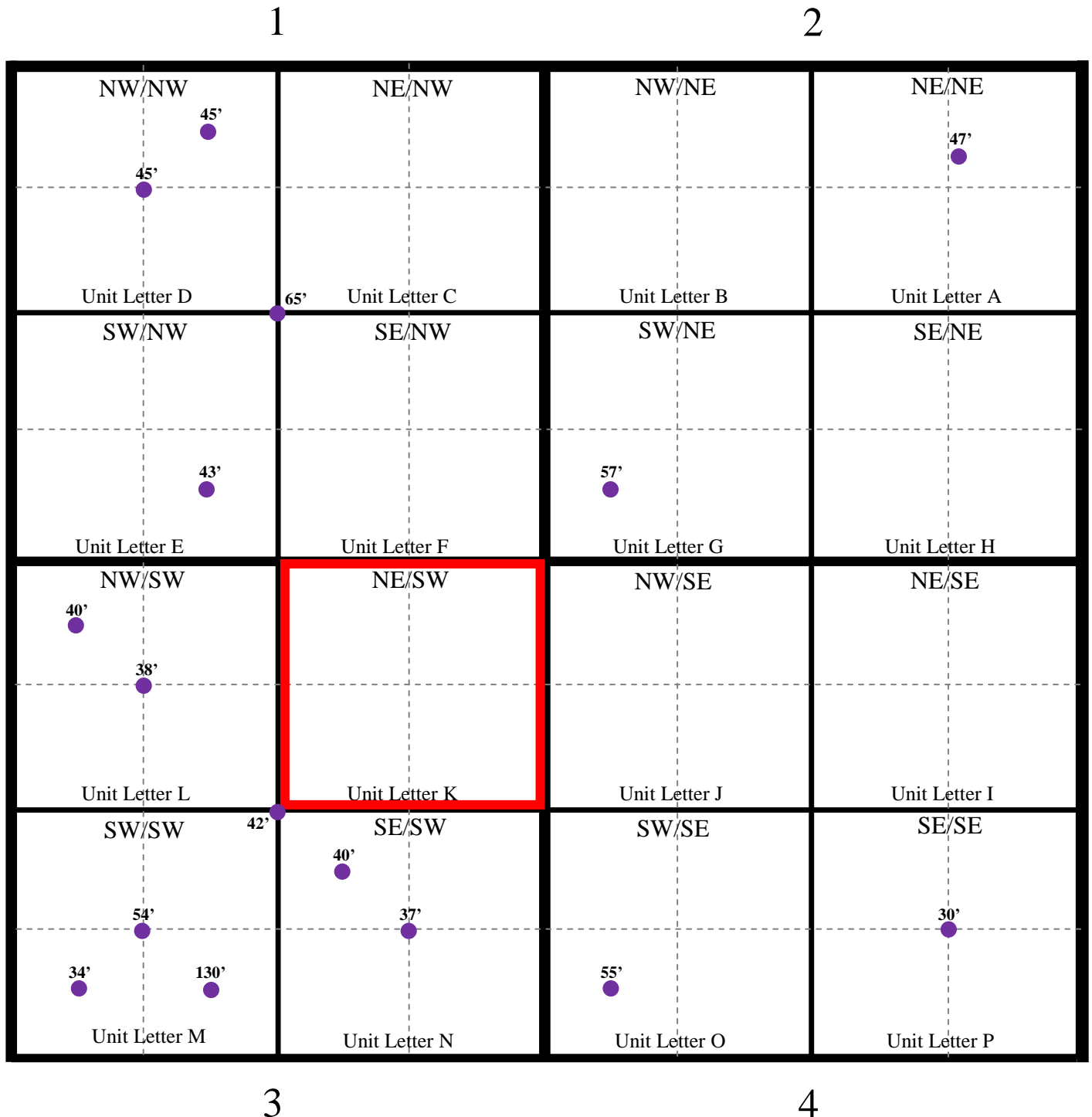
U/L K, Section 32, T18S, R38E
Lea County, NM
N 32.70128° W 103.17177°
API#30-025-07523

BBC International, Inc.	
Oxy North Hobbs GSA Unit #141-32	
Date: 09/10/2015	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy-Wasson 2015

Oxy North Hobbs GSA Unit #141-32

County	Unit Letter	Section	Township	Range
Lea	K	32	18S	38E

Trend Map 25'-50'



**Laboratory Analytical Results Summary
North Hobbs GSA Unit #141-32**

		Sample	SP1 @ SURFACE	SP1 @ 1'
Analyte	Method	Date	9/9/15	9/9/15
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		1570	32

		Sample	SP2 @ SURFACE	SP2 @ 1'
Analyte	Method	Date	9/9/15	9/9/15
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		2000	<16.0

		Sample	SP3 @ SURFACE	SP3 @ 1'
Analyte	Method	Date	9/9/15	9/9/15
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		2840	<16.0

		Sample	SP4 @ SURFACE	SP4 @ 1'
Analyte	Method	Date	9/9/15	9/9/15
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		2720	<16.0

		Sample	SP5 @ SURFACE	SP5 @ 1'
Analyte	Method	Date	9/9/15	9/9/15
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		4200	<16.0

		Sample	SP6 @ SURFACE	SP6 @ 1'
Analyte	Method	Date	9/9/15	9/9/15
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		2840	<16.0

		Sample	SP7 @ SURFACE	SP7 @ 1'
Analyte	Method	Date	9/9/15	9/9/15
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		3960	<16.0

		Sample	SP8 @ SURFACE	SP8 @ 1'
Analyte	Method	Date	9/9/15	9/9/15
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		3680	96

		Sample	SP9 @ SURFACE	SP9 @ 1'
Analyte	Method	Date	9/9/15	9/9/15
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		2800	<16.0



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

September 17, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NORTH HOBBS G. S/A 141-32

Enclosed are the results of analyses for samples received by the laboratory on 09/10/15 10:32.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing 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:	09/10/2015	Sampling Date:	09/09/2015
Reported:	09/17/2015	Sampling Type:	Soil
Project Name:	NORTH HOBBS G. S/A 141-32	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

Sample ID: SP1 @ SURFACE (H502391-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	09/16/2015	ND	448	112	400	3.64	

Sample ID: SP1 @ 1' (H502391-02)

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	09/16/2015	ND	448	112	400	3.64	

Sample ID: SP2 @ SURFACE (H502391-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	09/16/2015	ND	448	112	400	3.64	

Sample ID: SP2 @ 1' (H502391-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/16/2015	ND	448	112	400	3.64	

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:	09/10/2015	Sampling Date:	09/09/2015
Reported:	09/17/2015	Sampling Type:	Soil
Project Name:	NORTH HOBBS G. S/A 141-32	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

Sample ID: SP3 @ SURFACE (H502391-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	09/16/2015	ND	448	112	400	3.64	

Sample ID: SP3 @ 1' (H502391-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/16/2015	ND	448	112	400	3.64		

Sample ID: SP4 @ SURFACE (H502391-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	09/16/2015	ND	448	112	400	3.64		

Sample ID: SP4 @ 1' (H502391-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/16/2015	ND	448	112	400	3.64		

Sample ID: SP5 @ SURFACE (H502391-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4200	16.0	09/16/2015	ND	448	112	400	3.64		

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Analytical Results For:

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

Received:	09/10/2015	Sampling Date:	09/09/2015
Reported:	09/17/2015	Sampling Type:	Soil
Project Name:	NORTH HOBBS G. S/A 141-32	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

Sample ID: SP5 @ 1' (H502391-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/16/2015	ND	448	112	400	3.64		

Sample ID: SP6 @ SURFACE (H502391-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	09/16/2015	ND	448	112	400	3.64	

Sample ID: SP6 @ 1' (H502391-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/16/2015	ND	448	112	400	3.64		

Sample ID: SP7 @ SURFACE (H502391-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3960	16.0	09/16/2015	ND	448	112	400	3.64		

Sample ID: SP7 @ 1' (H502391-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/16/2015	ND	448	112	400	3.64		

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

Received:	09/10/2015	Sampling Date:	09/09/2015
Reported:	09/17/2015	Sampling Type:	Soil
Project Name:	NORTH HOBBS G. S/A 141-32	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

Sample ID: SP8 @ SURFACE (H502391-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	09/16/2015	ND	448	112	400	3.64		

Sample ID: SP8 @ 1' (H502391-16)

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	09/16/2015	ND	448	112	400	3.64		

Sample ID: SP9 @ SURFACE (H502391-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	09/16/2015	ND	448	112	400	3.64		

Sample ID: SP9 @ 1' (H502391-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/16/2015	ND	448	112	400	3.64		

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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

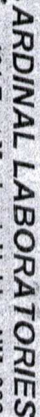
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Celey D. Keene, Lab Director/Quality Manager



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

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Page 7 of 8

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

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

Name of Company	Oxy Permian	Contact	Tony Aguilar	<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Address	1017 W. Stanolind Road	Telephone No.	(575) 397-8251		
Facility Name	North Hobbs GSA Unit #141-32	Facility Type	Injection		
Surface Owner	Oxy	Mineral Owner		API No.	30-025-07523

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Fect from the	North/South Line	Feet from the	East/West Line	County
K	32	18S	38E					Lea County, NM

Latitude N 32.70128°

Longitude W 103.17177°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	150 bbls	Volume Recovered	145 bbls
Source of Release	Stress/fatigue of 3" steel injection line	Date and Hour of Occurrence	08/29/2015	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?	Kellie Jones, NMOCD		
By Whom?	Tony Aguilar, Oxy	Date and Hour	08/29/2015		
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.*

Stress/fatigue of a 3" steel injection line caused 150 bbls of produced water to leak onto the ground. A vacuum truck recovered approximately 145 bbls of produced water and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 240' x 118' both on location and just south of the location. Remediation will be completed in accordance with a 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: 	OIL CONSERVATION DIVISION		
Printed Name: Tony Aguilar	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Raymond_aguilar@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 9-10-15	Phone: (575) 397-8251		

* Attach Additional Sheets If Necessary