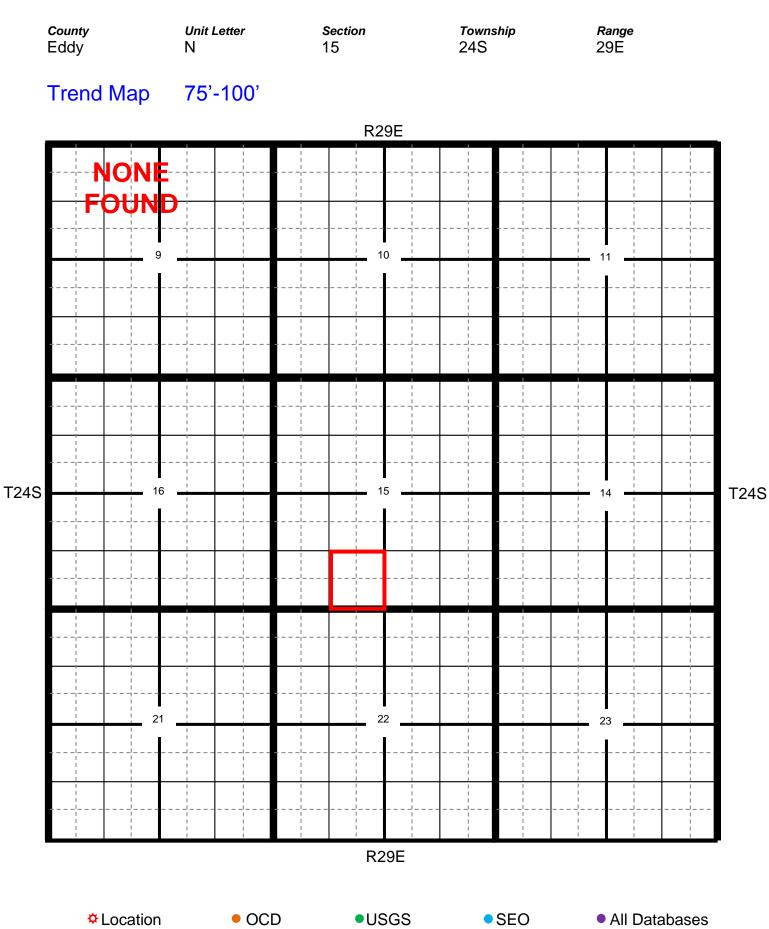




Groundwater Plot

Oxy Harroun 15 #12



Kathy Purvis

From:	Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us></mike.bratcher@state.nm.us>
Sent:	Thursday, April 28, 2016 11:20 AM
То:	Cliff Brunson
Cc:	Patterson, Heather, EMNRD; Casey Summers; Dusty Wilson; Jennifer_Duarte@oxy.com;
	Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: OXY - Harroun 15 #12 - Remediation Plan

RE: OXY USA * Harroun 15-12 * 30-015-32117 * 2RP-3535 * DOR: 1/10/16

Cliff,

Your proposal for remediation of the above referenced release is approved. OCD agrees that the elevated chloride levels are likely residual from the original drilling pit. At this time, OCD requests that the proposed soil removal be limited to the caliche pad and not disturb the pit area. Please advise once remedial activities have been scheduled for this site.

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: Thursday, April 21, 2016 7:54 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 - Harroun 15 #12 - Remediation Plan

Mike,

This e-mail is to confirm our discussion concerning the remediation plan for the Oxy Harroun 15 #12 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

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: <u>cbrunson@bbcinternational.com</u>

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No virus found in this message. Checked by AVG - <u>www.avg.com</u> Version: 2015.0.6189 / Virus Database: 4563/12123 - Release Date: 04/28/16

02/02/2016



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

Harroun 15 #12

Private-Henry McDonald

Name of Company

Address

Facility Name

Surface Owner

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Final Repor

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

 ompany
 Oxy Permian Ltd.
 Contact
 Casey Summers

 6 Desta Drive, Midland, TX 79705
 Telephone No.
 (575) 513-8289

Facility Type

API No. 30-015-32117

LO	CAT	ION	OF	RELEASE	

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	15	24S	29E					Eddy County, NM

Latitude <u>N 32.21124°</u>

Mineral Owner

Longitude <u>W 103.97459°</u>

Well location

NATURE OF RELEASE

Type of Release Oil and produced water	Volume of Release 3 bbls oil, Volume Recovered 0 bbls 4 bbls produced water					
Source of Release Over-pressure of a 3" poly production line	Date and Hour of Occurrence Date and Hour of Discovery 01/20/2016 Date and Hour of Discovery					
Was Immediate Notice Given?	If YES, To Whom? Mike Bratcher, Heather Patterson-NMOCD					
By Whom? Kathy Purvis @ BBC International	Date and Hour 01/22/2016 @ 12:19 pm					
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	ercourse.				

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Over-pressure of a 3" poly production line caused 3 bbls of oil and 4 bbls of produced water to be spilled on to the ground. No fluids were recovered and the line was repaired/replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 40' x 60' both on and off 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.

	OIL CONSERVATION DIVISION			
Signature:				
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		
Date: 2-4-16 Phone: (575) 513-8289				

* Attach Additional Sheets If Necessary

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

API No. 30-015-32117

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

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) 513-828	9	
Facility Name Harroun 15 #12	Facility Type Well location		
-			

Surface Owner Private-Henry McDonald Mineral Owner

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	15	24S	29E					Eddy County, NM

Latitude N 32.21124° Longitude W 103.97459°

NATURE OF RELEASE

Type of Release Oil and produced water	Volume of Release 3 bbls oil, 4 bbls produced water	Volume R	ecovered 0 bbls
Source of Release Over-pressure of a 3" poly production line	Date and Hour of Occurrence 01/20/2016	Date and I	lour of Discovery
Was Immediate Notice Given?	If YES, To Whom?	1	
🗌 Yes 🔲 No 🔀 Not Required	Mike Bratcher, Heather Patterson	NMOCD	
By Whom? Kathy Purvis @ BBC International	Date and Hour 01/22/2016 @ 1	2:19 pm	
Was a Watercourse Reached?			
If a Watercourse was Impacted, Describe Fully.*			
Describe Cause of Problem and Remedial Action Taken.*			
Over-pressure of a 3" poly production line caused 3 bbls of oil and 4 bbls the line was repaired/replaced.	s of produced water to be spilled on to	the ground.	No fluids were recovered and
Describe Area Affected and Cleanup Action Taken.*		_	. <u> </u>
The affected area is approximately 40' x 60' both on and off location. Re Mike Bratcher of NMOCD via email on 04/28/2016.	emediation was completed in accorda	nce with a ren	nediation plan approved by
I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release r public health or the environment. The acceptance of a C-141 report by th should their operations have failed to adequately investigate and remedia or the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local aws and/or regulations.	notifications and perform corrective a ne NMOCD marked as "Final Report" te contamination that pose a threat to does not relieve the operator of respor	ctions for rele- does not relia ground water, usibility for co	ases which may endanger eve the operator of liability surface water, human health mpliance with any other
Signature:	<u>OIL CONSER</u>	VATION	DIVISION
Printed Name: Casey Summers	Approved by Environmental Special	ist:	
Title: NM Environmental Advisor	Approval Date:	Expiration D	Date:
E-mail Address: <u>Casey_Summers@oxy.com</u> Date: 7-11-16 Phone: (575) 513-8289	Conditions of Approval: Attached		
Date: $[-([-]) \cap Phone: (575) 513-8289]$			

* Attach Additional Sheets If Necessary