

**OXY USA, Inc.  
Righthand Canyon 34 Fed Battery  
Delineation Report and Work Plan**

**Section 34, T21S, R24E  
Eddy County, New Mexico**

**February 18, 2015**



**Prepared for:**

**OXY USA, Inc.  
1017 W Stanolind Road  
Hobbs, New Mexico 88240**

**By:**

**Safety & Environmental Solutions, Inc.  
703 East Clinton Street  
Hobbs, New Mexico 88240  
(575) 397-0510**

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**I. Company Contacts**

Representative	Company	Telephone	E-mail
Christopher Jones	OXY USA, INC.	575-499-3337	Christopher.Jones@oxy.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

**II. Background**

Safety and Environmental Solutions, Inc. (SESI) was engaged by OXY USA, INC to perform site assessment of a release area at the Righthand canyon 34 Fed Battery located in Section 34 of Township 21 South, Range 24 East, Eddy County, New Mexico.

According to the C-141 the cause of release was 4 in Victollic on water line came loose.

**III. Surface and Ground Water**

The nearest groundwater of record is approximately 1.0 mile Northeast of the site. The New Mexico Office of State Engineer record is in Section 26 Range 24 East and Township 21 South. The reported depth was 150 feet below ground surface (BGS).

**IV. Characterization**

The target cleanup levels are determined using the *Guidelines for Remediation of Leaks, Spills and Releases* published by the NMOCD (August 13, 1993). Based on the ranking criteria presented below, the applicable Recommended Remediation Action Levels (RRAL) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethylbenzene, and total xylenes (BTEX), and 5,000 ppm Total Petroleum Hydrocarbons (TPH).

<b>Depth to Ground Water:</b>			
(Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	20 points	
	50 feet to 99 feet	10 points	
	>100 feet	0 points	<b>X</b>
<b>Wellhead Protection Area:</b>			
(Less than 200 feet from a private domestic water source; or less than 1000 feet from all other water sources)	Yes	20 points	
	No	0 points	<b>X</b>
<b>Distance to Surface Water:</b>			
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	20 points	
	200 feet to 1000 feet	10 points	
	>1000 feet	0 points	<b>X</b>
<b>RANKING SCORE (TOTAL POINTS)</b>			<b>0</b>

**V. Work Performed**

On January 12, 2015, SESI was onsite to assess the spill area.

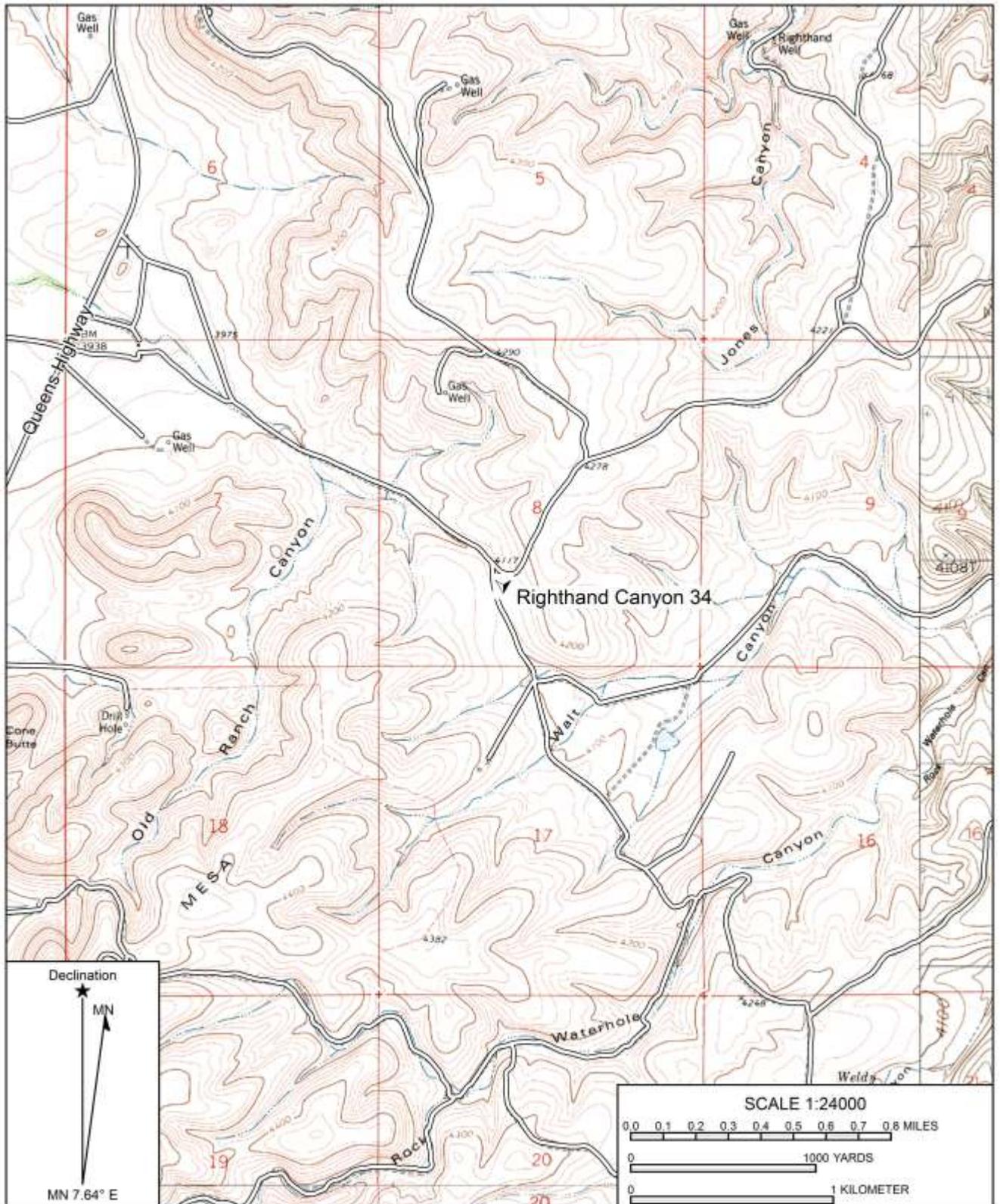
**VI. Action Plan**

1. Due to the presents of hard shell rock on location SESI will remove as much of contaminated soil as is practical the majority of work on this location will be by hand because the use of heave equipment is not affective on the rocky terrain.
2. Upon completion of the contaminate removal, conformation samples will be taken from the bottom of excavation to determine ant contaminate being left in place
3. All contaminated soil that is removed will be transported to an approved NMOCD facility for disposal.

**VII. Figures & Appendices**

Figure 1 – Vicinity Map  
Figure 2 – Site Plan  
Appendix A – C-141

# **Figure 1 Vicinity Map**



Name: MARTHA CREEK,  
Date: 02/09/15  
Scale: 1 inch = 2,000 ft.

Location: 032.4008381° N, 104.5226284° W  
Caption: Righthand Canyon 34

## **Figure 2 Site Plan**



**Righthand Canyon 34 Fed Battery**

# **Appendix A**

## **C-141**

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	Contact: Christopher Jones
Address: 1502 W Commerce Dr.	Telephone No. 575-499-3337
Facility Name: Righthand Canyon 34 Fed Battery	Facility Type:

Surface Owner	Mineral Owner	API No. 30-015-23289
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**LOCATION OF RELEASE**

Unit Letter	Section: 34	Township: 21S	Range 24E	Feet from the	North/South Line	Feet from the	East/West Line	County: Eddy
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Latitude 32.40178 Longitude -104.5229

**NATURE OF RELEASE**

Type of Release: Water	Volume of Release: 8-10 BBLS Water	Volume Recovered: 0
Source of Release: Victollic	Date and Hour of Occurrence: 1/10/2015	Date and Hour of Discovery: 1/10/2015
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
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.\*  
4 inch Victollic on water line came loose

Describe Area Affected and Cleanup Action Taken.\*  
Safety & Environmental Solutions, Inc. will delineate the spill area and submit an appropriate work plan.

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.

<b>OIL CONSERVATION DIVISION</b>	
Signature:	Approved by Environmental Specialist:
Printed Name Christopher Jones:	Approval Date:
Title:	Expiration Date:
E-mail Address: Christopher_jones@oxy.com	Conditions of Approval:
Date: Phone: 575-499-3337	Attached <input type="checkbox"/>

\* Attach Additional Sheets If Necessary