

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400833359

Date Received:

05/03/2015

Spill report taken by:

LUJAN, CARLOS

Spill/Release Point ID:

441603

## SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

### OPERATOR INFORMATION

Name of Operator: <u>OXY USA INC</u>	Operator No: <u>66561</u>	<b>Phone Numbers</b>
Address: <u>760 HORIZON DR #101</u>		Phone: <u>(970) 263-3637</u>
City: <u>GRAND JUNCTION</u>	State: <u>CO</u>	Mobile: <u>(970) 263-3694</u>
Zip: <u>81506</u>		Email: <u>blair_rollins@oxy.com</u>
Contact Person: <u>Blair Rollins</u>		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400830028

Initial Report Date: 04/23/2015 Date of Discovery: 04/23/2015 Spill Type: Historical Release

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNE SEC 14 TWP 9s RNG 94w MERIDIAN 6

Latitude: 39.280848 Longitude: -107.846308

Municipality (if within municipal boundaries): \_\_\_\_\_ County: MESA

#### Reference Location:

Facility Type: GAS GATHERING SYSTEM ☒ Facility/Location ID No 412237

☐ No Existing Facility or Location ID No.

☐ Well API No. (Only if the reference facility is well) 05- -

#### Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

*Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.*

Were Five (5) barrels or more spilled? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): >=5 and <100

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=5 and <100

Estimated Other E&P Waste Spill Volume(bbl): 0

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: \_\_\_\_\_

#### Land Use:

Current Land Use: CROP LAND Other(Specify): \_\_\_\_\_

Weather Condition: Sunny

Surface Owner: FEE Other(Specify): Brush Creek Ranch

#### Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State ☐ Residence/Occupied Structure ☐ Livestock ☐ Public Byway ☐ Surface Water Supply Area ☐

*As defined in COGCC 100-Series Rules*

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

At approximately 12:30PM on Thursday (April 23, 2015) an Oxy employee discovered a leak below the lined secondary containment at the Brush Creek Compressor Station. Based on the spill footprint and recovered liquid, it appears that the release is greater than 100 barrel outside of secondary containment. Approximately 4 barrels of free liquids were being removed from the spill area and reintroduced into Oxy's liquid handling system. No holes were identified in the tanks during removal and inspection. The result of the spill is under investigation and will be reported to the COGCC as soon as it is available.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
4/29/2015	COGCC	Carlos Lujan	-	Notification email sent
4/11/2015	Mesa County	Andrew Martsoff	-	Notification email sent
4/24/2015	Surface Owner	Gary Hanson	-	Voicemail left

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 04/29/2015		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	132	15	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0	0	<input type="checkbox"/>

specify: \_\_\_\_\_

Was spill/release completely contained within berms or secondary containment? NO Was an Emergency Pit constructed? NO

*Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.*

**A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit**

Impacted Media (Check all that apply) ☒ Soil ☐ Groundwater ☐ Surface Water ☐ Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 45 Width of Impact (feet): 30

Depth of Impact (feet BGS): 6 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

Extent of contamination was determined visually and using a photo-ionizing detector. Confirmation samples are currently being collected to confirm extent of contamination within the area of the spill to ensure all contamination has been removed. Once these sample results have been received, Oxy will provide them to the COGCC under separate cover and will also request for closure or detail additional efforts required to remediate the spill.

Soil/Geology Description:

Fughes clay loam, 2 - 6 % slopes (map unit symbol 37). Soil below tank secondary containment appears to be very tight clay soils which contained the spilled material and reduced ability for migration. Soil found below the clay appears to be native topsoil from the original construction of the facility location.

Depth to Groundwater (feet BGS) 100 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well	<u>2020</u>	None <input type="checkbox"/>	Surface Water	<u>800</u>	None <input type="checkbox"/>
Wetlands	<u>800</u>	None <input type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	<u>2254</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

## CORRECTIVE ACTIONS

#1	Supplemental Report Date: 04/30/2015
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Cause of Spill (Check all that apply) ☐ Human Error ☐ Equipment Failure ☐ Historical-Unknown  
☒ Other (specify) Holes in secondary containment liner

Describe Incident & Root Cause (include specific equipment and point of failure)

An Oxy employee visually inspected the tanks during removal and identified no holes or compromises to the external integrity of the tanks. During removal of the secondary containment liner, small holes were identified as the point of release.

Describe measures taken to prevent the problem(s) from reoccurring:

Oxy is currently in the process of upgrading the tanks and secondary containment system at this facility.

Volume of Soil Excavated (cubic yards): 325

Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment  
☐ Other (specify)

Volume of Impacted Ground Water Removed (bbls):

Volume of Impacted Surface Water Removed (bbls):

## REQUEST FOR CLOSURE

**Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.**

Basis for Closure: ☐ Corrective Actions Completed (documentation attached)  
☐ Work proceeding under an approved Form 27  
Form 27 Remediation Project No: \_\_\_\_\_

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Blair Rollins  
Title: HES Specialist Date: 05/03/2015 Email: blair\_rollins@oxy.com

## Attachment Check List

Att Doc Num	Name
400833375	AERIAL PHOTOGRAPH
400833377	TOPOGRAPHIC MAP

Total Attach: 2 Files

## General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)