

State of Colorado
Oil and Gas Conservation Commission

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 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400900925

Date Received:

10/13/2015

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

439480

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 WTP LP</u>	Operator No: <u>66571</u>	Phone Numbers
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) 640-6919</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# 400716744

Initial Report Date: 10/24/2014 Date of Discovery: 10/24/2014 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESW SEC 29 TWP 6S RNG 97W MERIDIAN 6Latitude: 39.489167 Longitude: -108.247706Municipality (if within municipal boundaries): _____ County: GARFIELD

Reference Location:

Facility Type: WATER GATHERING SYSTEM/LINE ☒ Facility/Location ID No 417559☐ 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): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=5 and <100Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: OTHER Other(Specify): RangelandWeather Condition: ClearSurface Owner: OTHER (SPECIFY) Other(Specify): Oxy Private

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 7:30AM on Friday (October 24th, 2014), an Oxy contractor at the Central Water Handling facility noticed a produced water spill coming from a below ground 4" pipeline that connects the 1500 bbl tanks to a manifold. The pipeline was promptly isolated, preventing further leaking. No free liquids were captured. The leak and subsequent spill was contained within the Centralized Water Handling facility boundary.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
10/24/2014	COGCC	Stan Spencer	970-6252497	None
10/24/2014	Garfield County	Kirby Wynn	970-6255905	None

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 09/16/2015		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	60	0	<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): 12 Width of Impact (feet): 27

Depth of Impact (feet BGS): 3 Depth of Impact (inches BGS): _____

How was extent determined?

Oxy exposed the release point on the produced water pipeline and characterized the soil immediately below the point of failure. Oxy also collected surficial soil samples from the spill path to characterize surficial impacts following the spill. All three samples are found to pass COGCC Table 910-1 standards except for SAR and arsenic. Please reference the attached tabulated laboratory data for soil samples collected at the spill point and spill pathway. Also, please refer to the attached spill sampling location map for locations of sampling points.

Soil/Geology Description:

Happle very channery sandy loam, 3 - 12% slopes

Depth to Groundwater (feet BGS) 50 Number Water Wells within 1/2 mile radius: 4

If less than 1 mile, distance in feet to nearest

Water Well	<u>257</u>	None <input type="checkbox"/>	Surface Water	<u>388</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	<u>2080</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Oxy collected groundwater samples from three monitoring wells associated with the Centralized E&P Waste Management Facility to determine if the produced water spill impacted groundwater in the area. The groundwater monitoring wells at the Central Water Handling Facility were sampled seven times in 2014 following the spill, and six times in 2015. To date, no impacts to groundwater have been identified at the Facility. Please reference the attached tabulated laboratory data for the groundwater monitoring samples collected in 2014 and 2015.

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	09/16/2015		
Cause of Spill (Check all that apply)		<input type="checkbox"/> Human Error	<input checked="" type="checkbox"/> Equipment Failure	<input type="checkbox"/> Historical-Unknown
		<input type="checkbox"/> Other (specify) _____		
Describe Incident & Root Cause (include specific equipment and point of failure)				
<div>The spill point was excavated and it was determined that the point of failure was in due to corrosion to the pipeline. The pipeline was isolated and removed from service.</div>				
Describe measures taken to prevent the problem(s) from reoccurring:				
<div>The pipeline was abandoned in place to be removed during final reclamation of the facility. All connections to the pipeline were either capped or blind flanged to ensure the pipeline is not reused.</div>				
Volume of Soil Excavated (cubic yards):		0		
Disposition of Excavated Soil (attach documentation)		<input type="checkbox"/> Offsite Disposal	<input type="checkbox"/> Onsite Treatment	
		<input type="checkbox"/> Other (specify) _____		
Volume of Impacted Ground Water Removed (bbls):		0		
Volume of Impacted Surface Water Removed (bbls):		0		

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: _____

OPERATOR COMMENTS:

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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: 10/13/2015 Email: blair_rollins@oxy.com

COA Type

Description

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Attachment Check List

Att Doc Num	Name
400900925	FORM 19 SUBMITTED
400916729	ANALYTICAL RESULTS
400916733	AERIAL PHOTOGRAPH

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	<p>Based on review of information presented, it appears that no further action is necessary at this time, and COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be significantly impacted, then further investigation and/or remediation activities may be required at the site.</p> <p>During post-closure final reclamation of this location ,materials with pH, SAR, or EC concentrations exceeding Table 910-1 levels may be buried under a minimum of three (3) feet of backfill cover and soil that satisfies either the Table 910-1 levels for pH, SAR, and EC or the background levels for such contaminants within three (3) feet of the ground surface at the site. In addition, soil horizons must be replaced in their original relative position and reclaimed in accordance with 1000 Series Rules, including the establishment of vegetative cover on non-cropland and successful crop growth on cropland.</p>	10/14/2015 2:26:26 PM

Total: 1 comment(s)