

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

402437959

Date Received:

07/06/2020

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

439249

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: <u>LARAMIE ENERGY LLC</u>	Operator No: <u>10433</u>	Phone Numbers
Address: <u>1401 SEVENTEENTH STREET #1401</u>		Phone: <u>(970) 263-3641</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80202</u>
Contact Person: <u>Joan Proulx</u>		Mobile: <u>()</u>
		Email: <u>jproulx@laramie-energy.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400703360

Initial Report Date: 10/07/2014 Date of Discovery: 10/04/2014 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SESW SEC 29 TWP 6S RNG 97W MERIDIAN 6Latitude: 39.489190 Longitude: -108.248070Municipality (if within municipal boundaries): _____ County: GARFIELD

Reference Location:

Facility Type: _____ ☒ Facility/Location ID No 417559Spill/Release Point Name: _____ ☐ Well API No. (Only if the reference facility is well) 05- -☐ No Existing Facility or Location ID No.

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 11:30AM Sunday, October 5th, 2014, a release of produced water from a corroded piece of piping on the filter pot manifold assembly at the Oxy Central Water Handling Facility was discovered. The piping had lined secondary containment that held a majority of the spilled produced water. However, the secondary containment's capacity was reached and a portion of the produced water continued onto the working surface of the location. Oxy investigated and quantified the release at ~31 bbls of produced water. Oxy recovered ~ 24 bbls of produced water and estimates that the remaining ~7bbls was absorbed into the location's surface. The leak and subsequent release was contained within the Centralized Water Handling facility boundary. The spilled liquids were removed from the secondary containment via vac truck immediately after the discovery.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
10/6/2014	COGCC	Stan Spencer	970-6252497	none
10/6/2014	Garfield County	Kirby Wynn	970-6255905	none

Was there a Grade 1 Gas Leak? Yes ☐ No ☒

If YES, enter the Document Number of the Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

Was there damage during excavation? Yes ☐ No ☒

If YES, was CO 811 notified prior to excavation? Yes ☐ No ☐

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 07/06/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	31	24	<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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>160</u>		Width of Impact (feet): <u>4</u>	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
The released fluids within secondary containment were removed by a vac truck which gauged the liquid once it was loaded. The fluids that spilled out of containment left a visible spill path on the surface of the location. Dimensions from that spill trail were inputted into an Oxy spill calculator to quantify the released produced water.			
Soil/Geology Description:			
Happle very channery sandy loam, 3 to 12 percent slopes			
Depth to Groundwater (feet BGS) <u>80</u>		Number Water Wells within 1/2 mile radius: <u>4</u>	

If less than 1 mile, distance in feet to nearest	Water Well	156	None	<input type="checkbox"/>	Surface Water	300	None	<input type="checkbox"/>
	Wetlands		None	<input checked="" type="checkbox"/>	Springs		None	<input checked="" type="checkbox"/>
	Livestock		None	<input checked="" type="checkbox"/>	Occupied Building	2240	None	<input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 07/06/2020

Root Cause of Spill/Release Equipment Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Manifold Piping

If "Other" selected above, specify or describe here:

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

At approximately 11:30AM Sunday, October 5th, 2014, a release of produced water from a corroded piece of piping on the filter pod manifold assembly at the Oxy Central Water Handling Facility was discovered. The piping suffered two 1/4" pinhole leaks underneath piping insulation. The piping had lined secondary containment that held a majority of the spilled produced water. However, the secondary containment's capacity was reached and a portion of the produced water continued onto the working surface of the location. Oxy investigated and quantified the release at ~31 bbls of produced water. Oxy recovered ~ 24 bbls of produced water and estimates that the remaining ~7bbls was absorbed into the location's surface. The leak and subsequent release was contained within the Centralized Water Handling facility boundary. The spilled liquids were removed from the secondary containment via vac truck immediately after the discovery.

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

The corroded piping was welded to seal the area around the pinholes. All uncoated piping with the filter pot manifold assembly will be replaced with corrosion resistant (coated steel) or non-corrodible material.

Volume of Soil Excavated (cubic yards): 0

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

☐ 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:

Attached is an FAQ 31 and FAQ 32 letter to address the exceedances in Arsenic, SAR and EC.

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

Signed: Print Name: Joan Proulx

Title: Regulatory Analyst Date: 07/06/2020 Email: jproulx@laramie-energy.com

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402437968	ANALYTICAL RESULTS
402437969	ANALYTICAL RESULTS
402437970	OTHER
402437971	AERIAL PHOTOGRAPH

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)