

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:

402458904

Date Received:

08/04/2020

Spill report taken by:

Araza, Steven

Spill/Release Point ID:

476992

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# 402425778

Initial Report Date: 06/18/2020 Date of Discovery: 06/17/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWNW SEC 28 TWP 9S RNG 93W MERIDIAN 6

Latitude: 39.250660 Longitude: -107.779118

Municipality (if within municipal boundaries): _____ County: MESA

Reference Location:

Facility Type: OIL AND GAS LOCATION

☒ Facility/Location ID No 334427

Spill/Release Point Name: Piceance 28-05 Pad

☐ 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? No

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

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=1 and <5

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Sunny and Warm

Surface Owner: FEE

Other(Specify): Laramie Energy, LLC

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):

During normal operations, pumper discovered the 3" nipple between the produced water tank and load out valve was leaking, the tank was isolated and the produced water transferred to another tank in the containment ring. The nipple was then removed and a corrosion hole was discovered in the threaded section (see attached photo). Initial estimate is 1-5 bbls leaked into the containment. Approximately one bbl or less leaked out of the containment on to the ground. Fluids in side the containment will be place back into the produced water tanks. Laramie is investigating the cause of the discharge including pulling the tank out of containmnet and pulling the liner back to determine impact below liner. Laramie will inspect the tank for any additional possibility of holes and if found the tank will be replaced and Laramie will follow-up with a Form 19 supplemental with the results of the investigation.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/18/2020	COGCC	Alex Fischer	303-894-2100	File Form 19 and investigate
6/18/2020	Mesa County	Jeff Hofman	970-254-4152	E-mail notification with this Form 19 attached.

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: 08/04/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	8	6	<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): 17 Width of Impact (feet): 17

Depth of Impact (feet BGS): 1 Depth of Impact (inches BGS): 12

How was extent determined?

Extent was determined sampling results/visual input.

Soil/Geology Description:

Hesperus-Empedrado, mois-Pagoda complex 5 to 35% slopes.1

Depth to Groundwater (feet BGS) 47 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest	Water Well	2169	None	<input type="checkbox"/>	Surface Water	631	None	<input type="checkbox"/>
	Wetlands		None	<input checked="" type="checkbox"/>	Springs		None	<input checked="" type="checkbox"/>
	Livestock		None	<input checked="" type="checkbox"/>	Occupied Building	2350	None	<input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/04/2020

Root Cause of Spill/Release Equipment Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Other

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

Pipe fitting existing the produced water tank

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

Root cause of failure was corrosion in the pipe fitting exiting the tank prior to the load line valve. The liner compromise appears to be a lack of sufficient sand padding under the liner and pad gravel allowing a hole to be worn through liner after repeated rubbing of the pea gravel on top of the liner and the rocks underneath. Four of the tanks were pulled the week of 6/20/20 and the containment was pulled and reduced in size to hold four tanks due to the decreased production on the pad. The liner was pulled back 6/24/20 and the 3rd party contractor is scheduled for 6/29/20 to return to the pad and investigate liner footprint for potential impacts to the soils.

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

The tank was one of the four removed and in the future heavier gauge fittings will be used exiting tanks and between valves. Regarding the liner, liner padding will be of sufficient size to insure separation between the liner and the pad gravel.

Volume of Soil Excavated (cubic yards): 10

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:

The volume of soil excavated is an estimate; the final volume will be included on a Form 27 as additional excavation will occur due to elevated SAR readings.

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: 08/04/2020 Email: jproulx@laramie-energy.com

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402459002	AERIAL PHOTOGRAPH
402459009	AERIAL PHOTOGRAPH
402459020	ANALYTICAL RESULTS

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)