

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402242356

Date Received:

11/18/2019

Spill report taken by:

Arauz, Steven

Spill/Release Point ID:

469032

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) 8125311</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(970) 2106889</u>
Zip: <u>80202</u>		Email: <u>lprescott@laramie-energy.com</u>
Contact Person: <u>Lorne C Prescott</u>		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402229743

Initial Report Date: 11/04/2019 Date of Discovery: 11/01/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 15 TWP 8S RNG 92W MERIDIAN 6Latitude: 39.357588 Longitude: -107.644467Municipality (if within municipal boundaries): _____ County: MESA

Reference Location:

Facility Type: GAS COMPRESSOR STATION☐ Facility/Location ID No _____Spill/Release Point Name: Alkali Creek Compression Station☒ No Existing Facility or Location ID No.

Number: _____

☐ 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? No

*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): >=100Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0Specify: Approximately 113 bbls of fluid inside containment, small stain outside containment

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: 25 deg F, clearSurface Owner: FEDERAL

Other(Specify): _____

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):

Laramie discovered an accumulation of fluids inside the tank battery secondary containment about mid-day on Friday, Nov 1. Approximately 114 bbls of fluid was released and it mixed with snow/ice inside the containment. a total of 130 bbls was pumped from the containment and disposed of at Greenleaf. A small area outside the containment exhibited staining/fluid, likely seeping from a compromise in the liner. The amount outside the containment is estimated to be 15 gallons. The root cause of the release resulted from a failed heat trace on piping and frozed lines.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
11/2/2019	BLM	Jim Byers	-	Acknowledged
11/4/2019	Mesa County LGD	Jeff Hofman	-	Acknowledged

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

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

Was there a reportable accident associated with this E & P waste spill or release? Yes ☐ No ☒

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

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 11/14/2019		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	114	130	<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: 113 bbls fluid released, 130 recovered with precip/melt			
Was spill/release completely contained within berms or secondary containment? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
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) <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): 25		Width of Impact (feet): 10	
Depth of Impact (feet BGS): 0		Depth of Impact (inches BGS):	
How was extent determined?			
The area impacted outside the containment was a small soil saturation of about 1.5 feet by 1.5 feet. The cold weather limited the penetration of soils to about 1 inch outside the containment. This is identified as Item A on the attached drawing. The area inside the containment was assessed visually. the fluid froze rapidly. The compromise in the liner was 5 to 6 inches from the bottom, on the side. Some fluid migrated under the liner and accumulated under the liner toward the lower (north) end of the containment. Item B refers to the area below the liner that was examined after the liner was pulled back. The frozen material was removed from below the liner and a heated vacuum/pressure washer was used to collect fluids and (liquified) soils. Soils were removed inside the containment to a depth ranging from 2 feet at the north to 6 inches near the Item A release. Laramie believes that we have removed all the impacted ice/soil. Sampling of soils has been submitted to a lab for analysis.			
Soil/Geology Description:			
Hard packed road/gravel base beneath synthetic liner.			

Depth to Groundwater (feet BGS) 30 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well None ☒ Surface Water 195 None ☐

Wetlands None ☒ Springs None ☒

Livestock None ☒ Occupied Building None ☒

Additional Spill Details Not Provided Above:

Laramie will remove the gravel from inside the containment and continue to examine the liner for compromises (holes). ITEM A in diagram is the point of release from the containment, approximately 1.5 feet by 1.5 feet. the area outside the containment was excavated to a depth of approximately 6 inches and samples were collected to confirm horizontal and vertical delinitation. ITEM B refers to the extent of fluid accumulation inside the containment under the liner. Laramie excavated and sampled to confirm horizontal and vertical delinitation of impacts.

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:

This document was originally submitted prior to the 10 day reporting deadline for Supplemental Form 19s but was corrupted/lost by the COGCC database.

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

Signed: _____ Print Name: Lorne C Prescott

Title: Reg&Enviro Compliance Date: 11/18/2019 Email: lprescott@laramie-energy.com

COA Type

Description

	Operator indicates plan to "remove the gravel from inside the containment and continue to examine the liner for compromises."
	Comply with Corrective Action listed on 11/12/2019 Field Inspection Report (doc #698100091), "Operator shall submit an Initial eForm 27 Site Investigation and Remediation Workplan to conduct a full investigation into the area underlying the north tank battery to be completed this calendar year."
	If historical impacts are discovered during assessment of the tank battery secondary containment area, operator shall report historical impacts via Initial eForm 19 Spill/Release Report(s).
	Submit complete documentation of confirmation soil sampling events via a Supplemental eForm 19.

Attachment Check List

Att Doc Num

Name

402242356	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402242438	SITE MAP
402245018	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Corrective Action listed on 11/12/2019 Field Inspection Report (doc #698100091), "Within 7 -days of receiving this Field Inspection Report, the operator shall bring this compressor station into compliance per Rule 313.B., notifying Debbie Lutz, Alex Fischer, and Steven Arauza when the Form 12 has been submitted." supercedes Condition of Approval listed on Initial eForm 19 (doc #402229743) to discuss an Oil and Gas Location assignment with COGCC OGLA staff.	11/20/2019
Environmental	Operator's report references an area of fluid accumulation inside the tank battery containment area, but beneath the liner ("ITEM B"). Based on fluids accumulation beneath the liner, this spill meets spill reporting criteria outlined in Rule 906.b.(1)B, a spill of 1 bbl or more of produced fluids outside of secondary containment. The spill also constitutes a threat to Waters of the State, based on reported depth to groundwater (30') and proximity to surface water (195').	11/20/2019

Total: 2 comment(s)