

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402279780

Date Received:

01/08/2020

Spill report taken by:

Araza, Steven

Spill/Release Point ID:

466952

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

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402152198

Initial Report Date: 08/22/2019 Date of Discovery: 08/21/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESE SEC 24 TWP 9s RNG 95w MERIDIAN 6

Latitude: 39.259390 Longitude: -107.935669

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

Reference Location:

Facility Type: WELL PAD ☒ Facility/Location ID No 419498

Spill/Release Point Name: Hawxhurst Ranch /24-09 Pad ☐ 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? 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: Dry 90 d f

Surface Owner: FEE Other(Specify): Laramie Energy

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 a wet spot on pad that appears associated with a flow line or dump line release. The exact source is not yet known. all lines to and from the onsite tanks were turned off. Deliniation and sampling is scheduled for aug 22, 2019

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
8/22/2019	Mesa County	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: 01/08/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	5	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): 5 Width of Impact (feet): 1

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

How was extent determined?

The release was from a pin hole on a produced water line. The release was originally identified by surface moisture. During the excavation of the area Laramie determined that the fluid followed the 2" line for about 5 feet. All impacted areas were identified using field screening PID and removed. Materials were hauled to a licensed facility.

Soil/Geology Description:

Hard packed pad surface coprised of roadbase and tight clays.

Depth to Groundwater (feet BGS) 45

Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest	Water Well <u>1500</u>	None <input type="checkbox"/>	Surface Water _____	None <input checked="" type="checkbox"/>
	Wetlands _____	None <input checked="" type="checkbox"/>	Springs _____	None <input checked="" type="checkbox"/>
	Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building _____	None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

The impacted area was confined to a relatively small area because the leak was from a pin hole in the pipe, thus a small volume of fluid (approximately 5 bbls) was released. The area around the release was excavated and monitored using a PID to determine the horizontal and vertical extent of the contamination. Sampling conducted on the sub-surface boundaries of the excavation confirm compliance with Table 910-1 criteria for BTEX and TPH.

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 submittal is intended to accomodate closure of this spill. The area around the release was excavated and monitored using a PID to determine the horizontal and vertical extent of the contamination. Sampling conducted on the sub-surface boundaries of the excavation confirm compliance with Table 910-1 criteria for BTEX and TPH. Exceedances for Arsenic and/or SAR were identified at depths greater than 3 feet. The spill occured on an existing pad location, any remaining exceedances for Arsenic and SAR will be addressed at the time of final reclamation via FAQ 31 and 32.

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: 01/08/2020 Email: lprescott@laramie-energy.com

<u>COA Type</u>	<u>Description</u>
	Per COA on doc #402163238, operator shall provide a status update for Spill/Release ID #441823 via a Supplemental eForm 19.
	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 surface and/or ground water is found to be impacted, then further investigation and/or remediation activities will be required at the site.
	Attached analytical results (doc #402279812) document Table 910-1 exceedance for SAR (27.0) at Sample ID HAWX24-09 BH SS2 (sample depth 7.5') and an arsenic concentration of 4.52 mg/kg at Sample ID HAWX24-09 W SW SS5, which exceeds background concentration of 3.42 mg/kg. All exceedances of Table 910-1 shall be addressed at the time of interim reclamation or final reclamation.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402279780	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402279809	AERIAL PHOTOGRAPH
402279810	AERIAL PHOTOGRAPH
402279811	AERIAL PHOTOGRAPH
402279812	ANALYTICAL RESULTS
402279814	ANALYTICAL RESULTS
402279816	OTHER
402279817	OTHER
402279818	OTHER
402287527	FORM 19 SUBMITTED

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	COGCC approves of operator's request for consideration of SAR exceedance under FAQ 32, based on the depth of the exceedance (7.5') and compliant SAR concentrations documented for other confirmation samples.	01/15/2020

Total: 1 comment(s)