

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402472811

Date Received:

08/21/2020

Spill report taken by:

Arauzo, Steven

Spill/Release Point ID:

477656

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>CAERUS PICEANCE LLC</u>	Operator No: <u>10456</u>	Phone Numbers
Address: <u>1001 17TH STREET #1600</u>		Phone: <u>(970) 778-2314</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>(970) 778-2314</u>
Contact Person: <u>Jake Janicek</u>		Email: <u>jjanicek@caerusoilandgas.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402464383

Initial Report Date: 08/11/2020 Date of Discovery: 08/11/2020 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR SENW SEC 25 TWP 4S RNG 96W MERIDIAN 6

Latitude: 39.674478 Longitude: -108.119469

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

Reference Location:

Facility Type: WELL Facility/Location ID No 415182

Spill/Release Point Name: F25-499 Flowline Release 15C-24 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): <u>0</u>	Estimated Condensate Spill Volume(bbl): <u>Unknown</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>Unknown</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): _____

Weather Condition: Clear sunny

Surface Owner: FEE Other(Specify): Caerus

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):

Operations was conducting quarterly pressure testing of the F25-496 flowlines. The 15C-24 well flowline failed pressure test, the operator was able to identify the approximate failure point with the use of his gas monitor. The site will be hydroexcavated to expose the failure point and repairs and remediation will begin. Trending is being conducted to attempt to identify the failure date and volume of the release.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
8/11/2020	COGCC	Steven Arauza	720-894.5298	verbal notification
8/11/2020	Garfield Co	Kirby Wynn	970-987.2557	email
8/11/2020	BLM	Tim Barrett	970-878.9940	email

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:	08/21/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	_____ 0	_____ 0	<input type="checkbox"/>	
CONDENSATE	_____ 0	_____ 0	<input type="checkbox"/>	
PRODUCED WATER	_____	_____	<input checked="" 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): _____		Width of Impact (feet): _____		
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____		
How was extent determined?				
Laboratory analytical and field observations				
Soil/Geology Description:				
Parachute-Rhone loams, 5 to 30 percent slopes				

Depth to Groundwater (feet BGS) 200

Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well _____ None

Surface Water 748 None

Wetlands _____ None

Springs 5280 None

Livestock _____ None

Occupied Building _____ None

Additional Spill Details Not Provided Above:

On 8/17/2020, soil samples (20200817-F25-496-POR@5.5' and 20200817-F25-496-Stockpile) were collected from the soil adjacent to the point of release (POR) and the stockpile of removed soil. Both samples were submitted for analysis of all analytes listed in COGCC Table 910-1. Laboratory analytical results indicate that the soil sample (20200817-F25-496-POR@5.5') collected at the POR was compliant with all COGCC Table 910-1 Concentration Levels or below background concentration for arsenic. The soil sample (20200817-F25-496-Stockpile) collected from the stockpile of removed soil exhibited pH concentrations that exceeded Concentration Levels listed in COGCC Table 910-1. In order to address the arsenic exceedances exhibited in both soil samples listed above, Caerus is requesting consideration for the COGCC Table 910-1 Concentration Level for arsenic under guidelines set forth under FAQ 31. Caerus believes the request for FAQ 31 consideration is acceptable as the arsenic results for both samples were below background samples for arsenic collected at the site in October of 2010. In order to address pH exceedances exhibited in soil sample 20200817-F25-496-Stockpile which represents the soil to be used to backfill the existing excavation, Caerus is requesting consideration for the COGCC Table 910-1 Concentration Level for pH under guidelines set forth under FAQ 32 as this soil will be placed back in the excavation which is on the pad surface. During final reclamation of this pad location, this soil will be buried under three feet of clean cover. Caerus believes the request for FAQ 32 consideration is acceptable as there are minimal potential receptors in the area and environmental impacts to these receptors are unlikely. The nearest surface water is 750 feet to the north and groundwater at the site is estimated to be 200 feet below the pad surface based on topography. Table 1 and attached reports summarize the data and Figure 1 depicts the sampling locations.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/21/2020

Root Cause of Spill/Release Corrosion

Other (specify) _____

Type of Equipment at Point of Spill/Release: Wellhead Line

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

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

The root cause was determined to be external corrosion at an elbow.

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

The failed portion of pipe was replaced.

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): _____

Volume of Impacted Surface Water Removed (bbls): _____

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:

A COA listed on the Initial Form 19 for this release requested that a representative fluid sample be collected from the well associated with the failed flowline. Caerus requests relief from this COA due to the technical infeasibility associated with the failed flowline being part of a three-phase process system that is connected directly into a three-phase pipeline instead of a production tank. Under this process system, a sufficient amount of sample fluid would not be able to be collected to fulfill the requirement.

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

Signed: _____ Print Name: Jake Janicek
 Title: EHS Specialist Date: 08/21/2020 Email: jjanicek@caerusoilandgas.com

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402472812	SITE MAP
402472815	ANALYTICAL RESULTS
402472816	ANALYTICAL RESULTS
402472821	ANALYTICAL RESULTS
402472829	TOPOGRAPHIC MAP

Total Attach: 5 Files

General Comments

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

Total: 0 comment(s)