

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402469988

Date Received:

08/18/2020

Spill report taken by:

Arauzo, Steven

Spill/Release Point ID:

477614

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) 285-2925</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>(970) 640-6919</u>
Contact Person: <u>Blair Rollins</u>		Email: <u>brollins@caerusoilandgas.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402462269

Initial Report Date: 08/07/2020 Date of Discovery: 08/04/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NENW SEC 28 TWP 6S RNG 96W MERIDIAN 6

Latitude: 39.501061 Longitude: -108.117583

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

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 335200

Spill/Release Point Name: NPR MF C28 696 flowline 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>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>>=1 and <5</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: Sunny, Dry and Hot

Surface Owner: FEE 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):

The lease operator detected a flowline failure via trending. He shut in the well and reported the event. The trending estimates the volume at 1.25 BBLs.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
8/4/2020	COGCC	Steven Arauza	720-4985298	left voicemail
8/4/2020	Garfield COunty	Kirby Wynn	970-9872557	acknowledged event
8/4/2020	Landowner		-	acknowledge event

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:	08/18/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	0	0	<input type="checkbox"/>	
PRODUCED WATER	1	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? <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 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>1</u>	Width of Impact (feet): <u>1</u>	
		Depth of Impact (feet BGS): <u>4</u>	Depth of Impact (inches BGS): _____	
How was extent determined?				
Caerus excavated the pipeline and identified the point of release. Caerus collected a soil sample immediately below the failure point and had it analyzed against COGCC Table 910-1. Sample results identified the only exceedance to COGCC Table 910-1 standards				
Soil/Geology Description:				
Nihill Channery Loam, 6 to 25 percent slopes.				

Depth to Groundwater (feet BGS) 100 Number Water Wells within 1/2 mile radius: 0
 If less than 1 mile, distance in feet to nearest Water Well 2850 None Surface Water 3450 None
 Wetlands 3450 None Springs _____ None
 Livestock 3450 None Occupied Building 3500 None

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/18/2020

Root Cause of Spill/Release Corrosion
 Other (specify) _____

Type of Equipment at Point of Spill/Release: Other
 If "Other" selected above, specify or describe here:

Flowline

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

The root cause of the spill is due to external corrosion.

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

The pipeline will be replaced with fusion bonded pipeline as a means for external coating and protection. The coating will be inspected once installed but prior to backfilling the excavation.

Volume of Soil Excavated (cubic yards): 5

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 excavation was conducted utilizing a hydrovac and all soils were transported to the Caerus North Solidification Facility (Facility ID 428910) for handling.

Based on the the SAR concentration representing the only exceedance to COGCC Table 910-1 standards within the point of release sample results, Caerus requests to close the spill based on the limited receptors in the area. Once the spill is closed, Caerus will backfill the excavation and return the pad to active production activities.

Since the spill has occurred, Caerus has had the well shut in for maintenance and investigation purposes. Caerus requests relief from the source of produced water COA based on the lack of available production water from this well.

, Caerus requests to close the spill and return the well to active production and backfill the excavation.

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

Signed: _____ Print Name: Blair Rollins

Title: EHS Specialist Date: 08/18/2020 Email: brollins@caerusoilandgas.com

COA Type	Description
	The COGCC requires that materials with elevated pH, SAR, or EC be buried under a minimum of three (3) feet of backfill cover and soil that satisfies either the Table 910-1 levels for pH, SAR, and EC or the background levels for such contaminants within three (3) feet of the ground surface at the site. In addition, the soil horizons must be replaced in their original relative position and reclaimed in accordance with 1000 Series Rules, including the establishment of vegetative cover on non-cropland and successful crop growth on cropland.
	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.

Attachment Check List

Att Doc Num	Name
402469988	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402470205	ANALYTICAL RESULTS
402470206	ANALYTICAL RESULTS
402470207	ANALYTICAL RESULTS
402470209	ANALYTICAL RESULTS
402470216	TOPOGRAPHIC MAP
402470218	AERIAL PHOTOGRAPH
402472830	FORM 19 SUBMITTED

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
Environmental	Based on the reported volume of fluids released, analytical results for the POR and Background samples (doc#402470205), and the 5' depth of the POR sample, the operator's request for closure is conditionally approved.	08/21/2020
Environmental	Based on the reported volume of fluids released, Operator's request for relief from representative fluids sampling COA is conditionally approved.	08/21/2020

Total: 2 comment(s)