

State of Colorado
Energy & Carbon Management Commission



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Document Number:

403881622

Date Received:

08/30/2024

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to ECMC Rule 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

Spill report taken by:

Araza, Steven

Spill/Release Point ID:

486933

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) 902-3598</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>(970) 902-3598</u>
Contact Person: <u>Andrew Verbonitz</u>		Email: <u>averbonitz@caerusoila ndgas.com</u>

Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 403815567

Initial Report Date: 06/06/2024 Date of Discovery: 06/05/2024 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SESE SEC 27 TWP 5S RNG 95W MERIDIAN 6

Latitude: 39.579223 Longitude: -108.033198

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

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Check this box if this spill/release is related to a loss of integrity of a flowline, pipeline, crude oil transfer line, or produced water transfer line.

Reference Location:

Facility Type: WELL SITE Facility/Location ID No 335806

Spill/Release Point Name: P27 595 1D-34 Flowline Well API No. (Only if the reference facility is well) 05- -

No Existing Facility or Location ID 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: _____

Has the subject Spill/Release been controlled at the time of reporting? Yes

Land Use:

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

Weather Condition: Warm, partly cloudy

Surface Owner: OTHER (SPECIFY) Other(Specify): Private

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

On 6/5/2024 at approximately 15:00, a Caerus LDAR Technician was inspecting the P27 595 location and noted gas coming to surface above the flowlines. Pressure testing was conducted and a leak was confirmed on the 1D-34 flowline near the wellhead. The flowline was isolated and blown down.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/6/2024	Garfield County	Kirby Wynn	-	via email
6/6/2024	CPW	Taylor Elm	-	via email
6/6/2024	COGCC	Steven Arauza	-	via email

REPORT CRITERIA

Rule 912.b.(1) Report to the Director (select all criteria that apply):

- No Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.
Waters of the State: _____ Public Water System: _____
Residence or Occupied Structure: _____ Livestock: _____
Wildlife: _____ Publicly-Maintained Road: _____
- No Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.
- No Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.
- No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak
Enter the approximate time of discovery _____ (HH:MM)
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? _____
Enter the Document Number of the Initial Accident Report, Form 22 _____
Was there damage during excavation? _____
Was CO 811 notified prior to excavation? _____
- No Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.
Estimated Volume of Impacted Solids (cu. yd.): _____
- No Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:
 The presence of free product or hydrocarbon sheen Surface Water
 The presence of free product or hydrocarbon sheen on Groundwater
 The presence of contaminated soil in contact with Groundwater
 The presence of contaminated soil in contact with Surface water

Yes	Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylight from the subsurface.
No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property. <input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
No	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: <u>08/08/2024</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>4</u>	<u>0</u>	<input checked="" type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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>0</u>		Width of Impact (feet): _____	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
Soil samples were collected from the base and sidewalls of the remedial investigation excavation and from the excavation stockpile to characterize potential impacts associated with the release. See the attached Report of Work Completed (ROWC) for site investigation details.			
Soil/Geology Description:			
<u>Rock outcrop-Torriorthents complex, very steep</u>			
Depth to Groundwater (feet BGS) <u>70</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>3840</u> None <input type="checkbox"/>	Surface Water <u>320</u> None <input type="checkbox"/>	
	Wetlands _____ None <input checked="" type="checkbox"/>	Springs <u>4300</u> None <input type="checkbox"/>	
	Livestock _____ None <input checked="" type="checkbox"/>	Occupied Building _____ None <input checked="" type="checkbox"/>	
Additional Spill Details Not Provided Above:			
<u>Depth to water is based on previous work done under Remediation Project 30016.</u>			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/08/2024

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:

Empty text box for specifying or describing the "Other" category.

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

On June 5, 2024, the operator identified a leak in the P27-596 (1D-34) flowline near the wellhead (API: 05-045-20324) through pressure testing and the well was promptly shut-in. The point of release was determined to be internal erosion/corrosion of the flowline at the second 90° fitting from the wellhead in the 6 o'clock position.

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

The damaged portion of flowline has been replaced, and flowlines are pressure tested on a routine basis.

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:
[X] Corrective Actions Completed (documentation attached, check all that apply)
[X] Horizontal and Vertical extents of impacts have been delineated.
[X] Documentation of compliance with Table 915-1 is attached.
[] All E&P Waste has been properly treated or disposed.
[] Work proceeding under an approved Form 27 (Rule 912.c).
Form 27 Remediation Project No:
[] SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

This form has been submitted to request closure of ECOM Spill/Release Point ID 486544. All constituents of concern are within ECOM Table 915-1 Residential Soil Screening Levels or proposed alternative allowable limit except for pH. However, source water characterization indicates that the elevated levels of pH identified in the investigation area are not attributed to oil and gas operations at the Location. See the attached ROWC for site investigation details. In response to COA #1 on Form 19 Document 403815567, a photolog is attached.

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

Signed: Print Name: Andrew Verbonitz

Title: EHS Rem. Specialist Date: 08/30/2024 Email: averbonitz@caerusoilandgas.com

COA Type**Description**

0 COA	

ATTACHMENT LIST**Att Doc Num****Name**

403906979	OTHER
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Total Attach: 1 Files

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)