

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403715130

Date Received:

03/12/2024

Spill report taken by:

Araza, Steven

Spill/Release Point ID:

485888

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.

OPERATOR INFORMATION

Name of Operator: CAERUS PICEANCE LLC	Operator No: 10456	Phone Numbers
Address: 1001 17TH STREET #1600		Phone: (970) 640-6919
City: DENVER	State: CO	Zip: 80202
Contact Person: Blair Rollins		Mobile: (970) 640-6919
		Email: brollins@caerusoilandgas.com

☐ 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# 403661296

Initial Report Date: 01/21/2024	Date of Discovery: 01/21/2024	Spill Type: Recent Spill
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Spill/Release Point Location:

QTRQTR nenw SEC 4 TWP 6s RNG 96w MERIDIAN 6

Latitude: 39.561557 Longitude: -108.111650

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 311638

Spill/Release Point Name: C04-1C-4 flowline release ☐ 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): <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: underground flowline release

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: snowy and cloudy

Surface Owner: FEE

Other(Specify): caerus oil and gas

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

operator noticed trending on well, went to investigate. Flow line wouldn't hold pressure. operator shut in flow line and initiated EH&S on call .

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

OTHER NOTIFICATIONS

<u>Date</u>	<u>Agency/Party</u>	<u>Contact</u>	<u>Phone</u>	<u>Response</u>
1/21/2024	Garfield county liason	Kirby Wynn	970-9872557	emailed
1/21/2024	CPW	Taylor Elm	970-9869767	emailed
1/21/2024	ECMC	Steven Arauza	720-4985298	emailed

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 daylights 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.

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, check all that apply)

☐ Horizontal and Vertical extents of impacts have been delineated.

☐ 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:

The nearest surface water feature is Parachute Creek, approximately 650 feet west of the Site at an elevation of 5,733 ft-amsl. Construction information and static water levels for the eight (8) nearest groundwater wells actively permitted with the Colorado Division of Water Resources (DWR) are summarized in the attached pathway to groundwater discussion. All of the wells listed above are located along Parachute Creek. Extrapolating from the static water levels listed in these wells, the groundwater elevation at Parachute Creek west of the Site is approximately 5,720 ft-amsl, more than 100 feet below the release location. Based on local geology and well construction information presented above, there is no clear direct pathway to groundwater at the Site. Caerus requests that project cleanup soil samples be evaluated against CECMC Table 915-1 Residential Soil Screening Level concentrations (RSSLs).

Analytical results reported arsenic in exceedance of RSSL concentrations in all samples, SAR in exceedance of the Soil Suitability for Reclamation (SSR) standards in one sample and pH in exceedance of the SSR range in five samples.

Hexavalent chromium was not present above the laboratory reportable detection limit (RDL) in any of the soil samples. The laboratory RDL for hexavalent chromium is 1.00 mg/kg, which is greater than the RSSL concentration of 0.3 mg/kg. Caerus requests that CECMC Table 915-1 Footnote 9 be applied to adjust the cleanup threshold for hexavalent chromium to the laboratory RDL.

Based on laboratory analytical results for assessment soil samples collected in support of this project, Caerus requests to utilize a reduced analyte suite to include SAR, pH and arsenic for this project.

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: 03/12/2024 Email: brollins@caerusoilandgas.com

COA Type

Description

0 COA	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403715130	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403715134	OTHER
403715136	ANALYTICAL RESULTS
403716673	ANALYTICAL RESULTS
403717147	FORM 19 SUBMITTED

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Based on he analytical data provided (doc#) the Operator's request for a reduced analyte suite of SAR, pH, and arsenic is conditionally approved.	03/12/2024
Environmental	Based on the information provided under Operator Comment for estimated depth to groundwater, the Operator's request to utilize the Table 915-1 Residential Soil Screening Level concentrations is conditionally approved.	03/12/2024

Total: 2 comment(s)