

State of Colorado

Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403831866

Date Received:

08/28/2024

Spill report taken by:

LONGWORTH, MIKE

Spill/Release Point ID:

486388

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) 902-3598
City: DENVER	State: CO	Zip: 80202
Contact Person: Andrew Verbonitz		Mobile: ()
		Email: averbonitz@caerusoila.ndgas.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# 402798729

Initial Report Date: 03/30/2024	Date of Discovery: 03/30/2024	Spill Type: Recent Spill
---------------------------------	-------------------------------	--------------------------

Spill/Release Point Location:

QTRQTR sene SEC 26 TWP 5s RNG 96w MERIDIAN 6

Latitude: 39.586664 Longitude: -108.129779

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 415372

Spill/Release Point Name: H26 06A 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): 0

Estimated Condensate Spill Volume(bbl): Unknown

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): Unknown

Estimated Other E&P Waste Spill Volume(bbl): 0

Estimated Drilling Fluid Spill Volume(bbl): 0

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: Overcast, No rain
Surface Owner: OTHER (SPECIFY) 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 found a flowline release, he shut in the well and initiated EH&S on call. As of 4/9/2024, crews are attempting to pinpoint the point of release through pressure testing and excavation.

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

Data not required

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.

☐ Areas offsite of Oil & Gas Location ☐ 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: 06/21/2024

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE			<input checked="" 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?

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):

19

Width of Impact (feet):

12

Depth of Impact (feet BGS):

6

Depth of Impact (inches BGS):

How was extent determined?

Field screening and laboratory soil sampling.

Soil/Geology Description:

Map Unit Symbol 62 - Rock Outcrop, torriorthents complex, very steep.

Depth to Groundwater (feet BGS)

200

Number Water Wells within 1/2 mile radius:

2

If less than 1 mile, distance in feet to nearest

Water Well

2000

None

☐

Surface Water

700

None

☐

Wetlands

None

☒

Springs

None

☒

Livestock

None

☒

Occupied Building

None

☒

Additional Spill Details Not Provided Above:

Closest 2 water wells are both approximately 2000' south east and 150-200' lower in elevation. Both wells are permitted as monitoring wells. Well with permit # 287160 had an indicated DTW of approximately 20' bgs when logged. Well with permit # 298169 was indicated to be dry at 20' bgs when logged.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/27/2024

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:

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

Operator noted flowline was not holding pressure and shut in the line. Upon investigation and excavation, a pinhole was discovered near the first 90 from the wellhead. Root cause is internal corrosion.

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

The 2" flowline was replaced and the 90 was upgraded to extra heavy fittings. Pressure testing will continue and the chemical treatment program is being evaluated.

Volume of Soil Excavated (cubic yards): 12

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, 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:

This form is being submitted past 90 days from initial release notification due to previous Form 19 being returned to draft based on a non-applicable Footnote 9 reference, and Pace laboratory reports not containing MDLs, specifically for chromium (VI). While it has passed the timeline for Pace to be able to provide MDLs for these laboratory reports, they will be reporting MDLs moving forward. Additionally, in an effort to provide better precision regarding laboratory analytical results, Caerus has been vetting different laboratories by running splits on selected samples, and the confirmation soil samples collected from the excavation on 4/17/24, were also split and analyzed at Elevation Diagnostics. The Elevation Diagnostics data is included in Ensolum's ROWC and data tables.

Caerus believes a pathway to groundwater does not exist based on the following reasons and requests use of Table 915-1 Residential Soil Screening Level cleanup concentrations for future soil sample comparison:

- 1) According to data from the Division of Water Resources (DWR), the nearest constructed water well, receipt number 3653043, is located approximately 2038 feet east of the POR and is approximately 150 feet lower in elevation than the POR with an estimated depth to water (DTW) of 20 feet below ground (bgs). Based on this it is estimated that water is at least 200 feet bgs at the POR.
- 2) Source identified and repaired.
- 3) The nearest surface water feature is West Fork Parachute Creek, approximately 638 feet northeast of the site and is 132 feet lower in elevation than the POR.

Based on lab results from the initial investigation, analytical and soil screening data provided herein, and assuming the request to utilize the use of RSSLs is approved. Assessment is complete, and Caerus is requesting an NFA determination for this location.

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 Specialist Date: 08/28/2024 Email: averbonitz@caerusoilandgas.com

COA Type

Description

	Based on review of information presented it appears that no further action is necessary at this time, and ECMC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding ECMC 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.
1 COA	

ATTACHMENT LIST

Att Doc Num

Name

403831866	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403839766	OTHER
403903020	OTHER
403927635	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
--	--	---------------------

Total: 0 comment(s)