

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403714258

Date Received:

03/11/2024

Spill report taken by:

Arauz, Steven

Spill/Release Point ID:

486172

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to ECOM 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) 285-2925
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# 403705986

Initial Report Date: 03/04/2024	Date of Discovery: 03/01/2024	Spill Type: Recent Spill
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Spill/Release Point Location:

QTRQTR NENW SEC 32 TWP 6S RNG 92W MERIDIAN 6

Latitude: 39.487655 Longitude: -107.690884

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: TANK BATTERY

☒ Facility/Location ID No 486170

Spill/Release Point Name: Railsback Water Facility 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): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=5 and <100

Estimated Other E&P Waste Spill Volume(bbl): >=5 and <100

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Parafin oil

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

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): Rangeland

Weather Condition: Partly cloudy

Surface Owner: FEE

Other(Specify):

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

Caerus operations control center received a low-liquid level alarm on March 1st from the tank battery at the Railsback produced water offload facility. Upon inspection it was determined that a release of produced water and parafin occurred around the tank battery area of the facility. Emergency response procedures were implemented and proper notifications were completed. The release surfaced at and around the tank battery and flowed along the perimeter ditch and north along the ditch on the west side of CR 315. Recovery efforts were completed on March 1st to control and recover standing liquid using hydrovac truck equipment. Additional hydrovac cleaning activities were completed on March 2nd to ensure standing liquid or impacted soil was not inadvertently overlooked during the cleanup activity.

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
3/4/2024	CPW	Taylor Elm	970-986-9767	Form 19 via email
3/1/2024	Garfield County O&G Liason	Kirby Wynn	970-987-2557	Left voicemail
3/1/2024	CECMC	Steven Arauza	720-498-5298	Onsite meeting and inspection

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: _____
- Yes 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.
- Yes 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.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 03/11/2024		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	200	200	<input type="checkbox"/>
PRODUCED WATER	70	70	<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? 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): 600 Width of Impact (feet): 6

Depth of Impact (feet BGS): 5 Depth of Impact (inches BGS): _____

How was extent determined?

Caerus is in the process of determining the extent of vertical and horizontal contamination associated with the project through soil screening and laboratory analysis. Caerus will provide these details to the CECMC once available.

Soil/Geology Description:

Arvada loam, 1 - 6 percent slopes

Depth to Groundwater (feet BGS) 80 Number Water Wells within 1/2 mile radius: 3

If less than 1 mile, distance in feet to nearest	Water Well	<u>1000</u>	None <input type="checkbox"/>	Surface Water	<u>950</u>	None <input type="checkbox"/>
	Wetlands	<u>1000</u>	None <input type="checkbox"/>	Springs	<u>1000</u>	None <input type="checkbox"/>
	Livestock	<u>2000</u>	None <input type="checkbox"/>	Occupied Building	<u>1020</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Approximately 300 barrels of spilled material and impacted soil were recovered during initial response activities completed on March 1st and 2nd, 2024.

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:

Caerus conducted a desktop and field assessment of available groundwater data and elevations in the area of the release to determine applicability for Table 915-1 soil standards, included as Doc # 403714261. Based on the findings of the desktop and field assessment, Caerus believes there is no clear pathway to groundwater associated with the project, and requests to utilize CECMC Table 915-1 Residential Soil Screening Level Concentrations for the project.

Caerus continues to collect precipitation and runoff entering the spill path on a daily basis to ensure migration of impacts offsite does not occur.

Caerus is in the process of determining the cause of the release and will provide this information on supplemental documentation.

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: 03/11/2024 Email: brollins@caerusoilandgas.com

COA Type Description

0 COA	

Attachment List

Att Doc Num	Name
403714261	OTHER
403714266	AERIAL IMAGE
403714267	TOPOGRAPHIC MAP

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)