

State of Colorado Oil and Gas Conservation Commission

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Document Number:

403398312

Date Received:

05/12/2023

Spill report taken by:

Araza, Steven

Spill/Release Point ID:

484391

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 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: <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>

☐ 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# 403391282

Initial Report Date: 05/02/2023 Date of Discovery: 05/02/2023 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWNW SEC 9 TWP 2S RNG 97W MERIDIAN 6Latitude: 39.891270 Longitude: -108.292690Municipality (if within municipal boundaries): _____ County: RIO BLANCO

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

Reference Location:

Facility Type: WELL SITE☒ Facility/Location ID No 335717Spill/Release Point Name: LOVE RANCH 8 Off-Location 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): 0Estimated Condensate Spill Volume(bbl): UnknownEstimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): UnknownEstimated Other E&P Waste Spill Volume(bbl): 0Estimated 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: CROP LANDOther(Specify): Pasture Grass and alfalfaWeather Condition: Partly cloudy and windySurface Owner: FEEOther(Specify): Caerus

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

Caerus identified a sheen emanating on Piceance Creek along a known pipeline corridor. Caerus initiate immediate spill response procedures, deploying booms in the waterway, started fluid recovery, began Regulatory notification, shut in lines and began pressure testing.

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>
5/2/2023	CDPHE	CDPHE Reporting Line	877-518-5608	Left Message and spoke with Ann
5/2/2023	NRC	NRC Reporting Line	800-424-8802	Spoke with response coordinator
5/2/2023	CPW	Taylor Elm	970-986-9767	Spoke on the phone
5/2/2023	BLM	Tim Barrett	970-858-9940	Spoke on the phone
5/2/2023	Rio Blanco County	Eddie Smercina	970-878-9586	Left voice message and sent email
5/2/2023	COGCC	Alex	303-894-2100	ext 5138, Spoke on the phone
5/2/2023	COGCC	Steven Arauza	720-498-5298	Left voice message

REPORT CRITERIA

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

- Yes 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: Impacted Public Water System: n/a
- Residence or Occupied Structure: n/a Livestock: Threatened to Impact
- Wildlife: Threatened to Impact Publicly-Maintained Road: n/a
- 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.): _____

Yes	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:
	<input checked="" type="checkbox"/> The presence of free product or hydrocarbon sheen Surface Water <input type="checkbox"/> The presence of free product or hydrocarbon sheen on Groundwater <input checked="" type="checkbox"/> The presence of contaminated soil in contact with Groundwater <input type="checkbox"/> 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's 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: 05/12/2023		
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? <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 checked="" type="checkbox"/> Soil <input checked="" type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): _____		Width of Impact (feet): _____	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
Caerus is in the process of determining the extent of contamination associated with the project to include surface water, groundwater, and soil impacts. Following identification of the incident, emergency response measures were implemented to contain and capture the spilled material. Booms were installed along Piceance Creek and the irrigation channels which flowed west into the field, please refer to the attached Spill Response and Sampling Figures for details regarding boom deployment and sample locations. Surface water samples were collected to characterize the release and are included as attachments. Additional surface water sampling activities have been and are being conducted on a weekly basis, with results pending. Once analytical results are received, Caerus will provide this information in supplemental documentation.			
Soil/Geology Description:			
Soil map unit 41: Havre loam, 0 to 4 percent slopes.			
Depth to Groundwater (feet BGS) <u>1</u>		Number Water Wells within 1/2 mile radius: <u>19</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>3100</u> None <input type="checkbox"/>	Surface Water <u>0</u> None <input type="checkbox"/>
		Wetlands <u>1</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>

Livestock 100 None ☐Occupied Building 3100 None ☐

Additional Spill Details Not Provided Above:

Caerus is monitoring sorbent booms and pads for saturation and routinely replacing as needed. As an initial remediation measure, surface water and groundwater skimming near the point of release is being conducted with a transport truck. The nearest ground water well downgradient of the release is located 3,055 feet north of the point of release. The other wells within the half mile radius are either natural gas wells or located upgradient of the point of release.

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:

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: 05/12/2023 Email: brollins@caerusoilandgas.com

COA Type

Description

0 COA	

Attachment List

Att Doc Num	Name
403398312	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403401825	OTHER
403401833	MAP
403401835	MAP
403401837	MAP
403401839	MAP
403401841	MAP
403401842	MAP
403401843	MAP
403401844	MAP
403401872	ANALYTICAL RESULTS
403401876	ANALYTICAL RESULTS
403401877	ANALYTICAL RESULTS
403401878	ANALYTICAL RESULTS
403401879	ANALYTICAL RESULTS

403420296	FORM 19 SUBMITTED
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Total Attach: 16 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Comply with outstanding COAs.	06/01/2023

Total: 1 comment(s)