

State of Colorado
Energy & Carbon Management Commission

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Document Number:

403558784

Date Received:

10/12/2023

Spill report taken by:

Araza, Steven

Spill/Release Point ID:

485234

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: CAERUS PICEANCE LLC | Operator No: 10456 | Phone Numbers |
| Address: 1001 17TH STREET #1600 | | Phone: (970) 902-3598 |
| City: DENVER State: CO Zip: 80202 | | Mobile: (970) 902-3598 |
| Contact Person: Andy Verbonitz | | 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# 403553343

Initial Report Date: 10/07/2023 Date of Discovery: 10/06/2023 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR nesw SEC 29 TWP 5s RNG 96w MERIDIAN 6

Latitude: 39.584261 Longitude: -108.198164

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.

Reference Location:

Facility Type: PRODUCED WATER TRANSFER SYSTEM

☐ Facility/Location ID No

Spill/Release Point Name: MR29C water can N-59629C-200 4" tee

☐ 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): Unknown

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: leak was in a produced water valve can

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: clear and sunny

Surface Owner: FEE

Other(Specify): chevron

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

operator found produced water in water can access point, they were able to isolate and initiated EH&S on call. The weld on the 4" Tee tying in the 29c to the the water transfer system failed.

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> |
|-------------|---------------------------|----------------|--------------|-----------------|
| 10/7/2023 | CPW | Taylor Elm | 970-986-9767 | email |
| 10/7/2023 | Garfield County Liason | Kirby Wynn | 970-987-2557 | email |
| 10/6/2023 | COGCC/ECMC | Steven Arauza | 720-498-5298 | voicemail |

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.

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

| | |
|----|--|
| No | 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: 10/12/2023 | | |
| FLUIDS | BBL's SPILLED | BBL's RECOVERED | Unknown |
| OIL | 0 | 0 | <input type="checkbox"/> |
| CONDENSATE | 0 | 0 | <input 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 type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature | | | |
| Surface Area Impacted: Length of Impact (feet): <u>5</u> | | Width of Impact (feet): <u>5</u> | |
| Depth of Impact (feet BGS): <u>5</u> | | Depth of Impact (inches BGS): _____ | |
| How was extent determined? | | | |
| Extent has not yet been determined. Extent will be determined through field screening and laboratory soil sampling program. Samples will be collected from areas most likely to be impacted and will be submitted for laboratory analysis of CECMC Table 915-1. | | | |
| Soil/Geology Description: | | | |
| Map Unit Symbol 55: Parachute Irigul complex, 5 to 30 percent slopes | | | |
| Depth to Groundwater (feet BGS) <u>100</u> | | Number Water Wells within 1/2 mile radius: <u>2</u> | |
| If less than 1 mile, distance in feet to nearest | Water Well <u>470</u> | None <input type="checkbox"/> | Surface Water <u>1600</u> |
| | Wetlands _____ | None <input checked="" type="checkbox"/> | Springs _____ |
| | Livestock _____ | None <input checked="" type="checkbox"/> | Occupied Building _____ |
| Additional Spill Details Not Provided Above: | | | |
| Referenced water well has no construction report and is likely to have never been completed. | | | |

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/12/2023

Root Cause of Spill/Release Pipe, Weld, or Joint Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Production Line

If "Other" selected above, specify or describe here:

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

Weld on 4" Tee failed on produced water line inside valve can. Failure occurred where the line from 29C pad ties into main trunk line. Effected area was isolated and repaired.

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

Effected equipment will be replaced.

Volume of Soil Excavated (cubic yards):

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:

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

Signed: Print Name: Andy Verbonitz

Title: EHS Specialist Date: 10/12/2023 Email: averbonitz@caerusoilandgas.com

| COA Type | Description |
|----------|-------------|
| 0 COA | |

Attachment List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|------------------------------------|
| 403558784 | SPILL/RELEASE REPORT(SUPPLEMENTAL) |
| 403558949 | AERIAL IMAGE |
| 403558950 | TOPOGRAPHIC MAP |
| 403561386 | FORM 19 SUBMITTED |

Total Attach: 4 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|-------------------------------|---------------------|
| Environmental | Comply with outstanding COAs. | 10/16/2023 |

Total: 1 comment(s)