

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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Document Number:

402568219

Date Received:

01/07/2021

Spill report taken by:

Arauzo, Steven

Spill/Release Point ID:

478659

### 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 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

### OPERATOR INFORMATION

Name of Operator: <u>CAERUS PICEANCE LLC</u>	Operator No: <u>10456</u>	<b>Phone Numbers</b>
Address: <u>1001 17TH STREET #1600</u>		Phone: <u>(970) 778-2314</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>(970) 778-2314</u>
Contact Person: <u>Jake Janicek</u>		Email: <u>jjanicek@caerusoilandgas.com</u>

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402541392

Initial Report Date: 11/29/2020 Date of Discovery: 11/26/2020 Spill Type: Recent Spill

#### Spill/Release Point Location:

QTRQTR SWSE SEC 19 TWP 7S RNG 92W MERIDIAN 6

Latitude: 39.425966 Longitude: -107.704800

Municipality (if within municipal boundaries): \_\_\_\_\_ County: GARFIELD

#### Reference Location:

Facility Type: OTHER  Facility/Location ID No 431050

Spill/Release Point Name: O19EB Dumpline Release  Well API No. (Only if the reference facility is well) 05- -

No Existing Facility or Location ID No.

#### Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

*Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.*

Were Five (5) barrels or more spilled? 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): >=1 and <5

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

Specify: \_\_\_\_\_

#### Land Use:

Current Land Use: NON-CROP LAND Other(Specify): \_\_\_\_\_

Weather Condition: Clear 60

Surface Owner: FEE Other(Specify): \_\_\_\_\_

#### Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State  Residence/Occupied Structure  Livestock  Public Byway  Surface Water Supply Area

*As defined in COGCC 100-Series Rules*

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

Produced water was observed on the pad surface during a routine site visit. The failed line was identified as a dump line and de-energized. No fluid has left the pad surface and there is no threat of fluid leaving the pad surface.

List Agencies and Other Parties Notified:

### OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
11/26/2020	Garfield County	Kirby Wynn	-	No response at time of reporting
11/26/2020	COGCC	Steven Arauza	-	No response at time of reporting
11/26/2020	Landowner		-	No response at time of reporting

Was there a Grade 1 Gas Leak? Yes  No

If YES, 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? Yes  No

If YES, enter the Document Number of the Initial Accident Report, Form 22: \_\_\_\_\_

Was there damage during excavation? Yes  No

If YES, was CO 811 notified prior to excavation? Yes  No

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/06/2021

Root Cause of Spill/Release Corrosion

Other (specify) \_\_\_\_\_

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

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

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

The failure occurred downstream of the production separator connected to Tank 84128. The root cause was determined to be corrosion.

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

The failed piping will be replaced with stainless steel piping.

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)

Work proceeding under an approved Form 27

Form 27 Remediation Project No: \_\_\_\_\_

### OPERATOR COMMENTS:

From 12/1/2020 through 12/2/2020, approximately 100 barrels of impacted soil mixed with hydrovac rinsate was removed from the area near the point of release and disposed of at the NPR Solidification Facility (COGCC Location ID 426582).

Please see attached documentation titled "O19EB Point of Release Sampling" for verification used to confirm all impacted soil was removed.

In order to address the arsenic exceedances exhibited in the sample mentioned above, Caerus is requesting consideration for the COGCC Table 910-1 Concentration Level for arsenic under guidelines set forth under FAQ 31. Caerus believes the request for FAQ 31 consideration is acceptable as the arsenic result for the sample was below background samples for arsenic collected at the site in 2012. Table 1 of the attached documentation summarizes background analytical results and reports are attached to the same document. Please see Figure 2 of the attached document which depicts background soil sampling locations.

In order to address the SAR exceedance exhibited in soil sample 20211214-O19EB(POR)@6.5' detailed in the above-mentioned document, Caerus is requesting consideration for the COGCC Table 910-1 Concentration Level for SAR under guidelines set forth under FAQ 32 as this sample was collected from 6.5 feet below pad surface which will be covered by even more soil during final reclamation activities. Caerus believes the request for FAQ 32 consideration is acceptable as there are minimal potential receptors in the area and environmental impacts to these receptors are unlikely. The nearest perennial surface water is 1327 feet to the east and groundwater at the site is estimated to be 60 feet below the pad surface based on topography.

A COA listed on the Initial Form 19 for this release requested that a representative fluid sample be collected from the well associated with the failed flowline. Please see attached documentation titled "O19EB Produced Water Sample Collection" for details regarding source sampling activities used to satisfy the COA.

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

Signed: \_\_\_\_\_ Print Name: Jake Janicek

Title: EHS Specialist Date: 01/07/2021 Email: jjanicek@caerusoilandgas.com

COA Type	Description
	Operator shall submit a description of the impacted/excavation area dimensions via a Supplemental eForm 19.
	Operator's request for consideration of SAR exceedance (34.1) under FAQ 32 is not approved at this time due to the magnitude of the exceedance and lack of horizontal and vertical delineation of impacted material.  Additional remediation or excavation is required to address the documented exceedance of Table 910-1 for SAR in soil. Operator shall submit documentation of soil compliance with Table 910-1 via a Supplemental eForm 19.

### Attachment List

Att Doc Num	Name
402568219	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402569222	ANALYTICAL RESULTS
402569224	ANALYTICAL RESULTS
402572847	FORM 19 SUBMITTED

Total Attach: 4 Files

### General Comments

User Group	Comment	Comment Date
Environmental	COGCC has removed Operator's request for closure, this Spill/Release record cannot be closed at this time. See COAs above.	01/12/2021

Environmental	Based on analytical results provided for background soil samples, doc #402569222, the Operator's request for consideration of background arsenic concentrations in exceedance of Table 910-1 is conditionally approved.	01/12/2021
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Total: 2 comment(s)