

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

402505008

Date Received:

10/07/2020

Spill report taken by:

Arauzo, Steven

Spill/Release Point ID:

478002

### 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> Phone: <u>(970) 778-2314</u> Mobile: <u>(970) 778-2314</u> Email: <u>jjanicek@caerusoilandgas.com</u>
Address: <u>1001 17TH STREET #1600</u>		
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		
Contact Person: <u>Jake Janicek</u>		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402488353

Initial Report Date: 09/14/2020 Date of Discovery: 09/12/2020 Spill Type: Recent Spill

#### Spill/Release Point Location:

QTRQTR NENW SEC 28 TWP 6S RNG 96W MERIDIAN 6

Latitude: 39.501081 Longitude: -108.117530

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

#### Reference Location:

Facility Type: WELL PAD  Facility/Location ID No 335200

Spill/Release Point Name: C28 696 MF02A  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

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):

The lease operator detected a flowline failure via trending. He shut in the well and reported the event. The trending estimates the volume at 1.38 BBL.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
9/12/2020	COGCC	Steven Arauza	720-4985298	Left voicemail
9/14/2020	Garfield County	Kirby Wynn	970-9872557	Email notification

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: 10/07/2020

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)

The flowline failed immediately downstream of a subsurface ninety degree elbow and was determined to be external corrosion.

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

The failed portion of flowline was replaced and taped. Daily review of production data will continue to be conducted in order to determine whether or not production anomalies are causing failures. Caerus will also continue to utilize corrosion inhibitor as a tool for preventing failures.

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:

On 9/24/2020, a soil sample (20200924-C28-696-POR@6.5') was collected from the soil adjacent to the point of release (POR). The sample was submitted for laboratory analysis of all analytes listed in COGCC Table 910-1. Laboratory analytical results indicate that the soil sample was compliant with all COGCC Table 910-1 Concentration Levels or below background concentrations for arsenic. Table 1 summarizes analytical results and reports are attached. Please see Figure 1 which depicts soil sampling locations and other pertinent site info.

In order to address the arsenic exceedances exhibited in soil sample 20200924-C28-696-POR@6.5', 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 soil sample was below background samples for arsenic collected at the site in 2009. Table 1 summarizes background analytical results and reports are attached. Please see Figure 1 which depicts background soil sampling locations.

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. Caerus requests relief from this COA due to the technical infeasibility associated with the failed flowline being part of a three-phase process system that is connected directly into a three-phase pipeline instead of a production tank. Under this process system, a sufficient amount of sample fluid would not be able to be collected to fulfill the requirement.

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: 10/07/2020 Email: jjanicek@caerusoilandgas.com

### COA Type

### Description

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

<u>Att Doc Num</u>	<u>Name</u>
402505008	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402505021	SITE MAP
402505034	ANALYTICAL RESULTS
402505035	ANALYTICAL RESULTS
402505041	ANALYTICAL RESULTS
402508489	FORM 19 SUBMITTED

Total Attach: 6 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Based on analytical results and soil sample location provided for background Sample Encana_C28_Background (docs #402505041 and #402505021), the operator's request for consideration of arsenic background concentrations in exceedance of Table 910-1 is conditionally approved.	10/12/2020
Environmental	Based on the information provided under Operator Comments, the COGCC approves of the operator's request for relief from the representative fluids sampling COA.	10/12/2020

Total: 2 comment(s)