

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402422063

Date Received:

08/03/2020

Spill report taken by:

Arauzo, Steven

Spill/Release Point ID:

475142

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>	Phone Numbers Phone: <u>()</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# 402370623

Initial Report Date: 04/14/2020 Date of Discovery: 04/14/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR swnw SEC 34 TWP 4s RNG 96w MERIDIAN 6

Latitude: 39.660081 Longitude: -108.160581

Municipality (if within municipal boundaries): _____ County: GARFIELD

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 335928
 Spill/Release Point Name: E34 frac pad 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? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): <u>0</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>>=5 and <100</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: produced water for fracing

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): _____
 Weather Condition: partly cloudy with 5 - 7 mph winds
 Surface Owner: FEE Other(Specify): caerus

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):

cal frac had a 4" 1002 tee piping fail which cause a release of 20-25 bbl on secondary containment and 3-5 bbl out of secondary containment. water truck on location recovered standing fluid on location.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
4/14/2020	COGCC	Steven Arauza	720-498-5298	initial form 19
4/14/2020	BLM	Tim Barrett	970-878- 9940	Initial form 19
4/14/2020	Garfield County	Kirby Wynn	970-987-2557	Initial form 19

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

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 5/20/2020, five soil samples (20200520-E34-496 (SS01) @ 6-9", 20200520-E34-496 (SS02) @ 6-9", 20200520-E34-496 (SS03) @ 6-9", 20200520-E34-496 (SS04) @ 6-9", and 20200520-E34-496 (POR) @ 6-9") were collected from the spill area. All samples were submitted for laboratory analysis of all analytes listed in COGCC Table 910-1. Laboratory analytical results indicate that all samples were compliant with all Concentration Levels listed in COGCC Table 910-1 or within background concentrations except for those listed for pH and/or SAR for all samples. Table 1 summarizes all analytical results and reports are attached. Figure 1 depicts the soil sampling locations. Appendix 1 details the background sample information of background samples collected at a nearby pad, the M34-496.

In order to address the arsenic exceedances exhibited in the soil samples, 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 arsenic results for all five samples were below background concentrations. Please see Appendix 1 for details on the background soil samples.

In order to address SAR and pH exceedances exhibited in samples collected on 5/20/2020, Caerus is requesting consideration for COGCC Table 910-1 Concentration Levels for SAR and pH under guidelines set forth under FAQ 32 as these samples were collected from the working pad surface which ultimately will be buried under three feet of cover during Interim and Final Reclamations. 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 surface water is 1300 feet to the west and groundwater at the site is estimated to be greater than 200 feet below the pad surface based on topography.

Per a COA listed on the Initial Form 19 (COGCC Document 402370623) for this project, analytical results from a sample collected from the source are attached.

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: 08/03/2020 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.
	The operator's request for consideration of SAR and pH exceedances under guidelines set forth under FAQ 32 is conditionally approved based on the operator's commitment to address the exceedances upon reclamation of the pad. Upon reclamation with this area of the well pad, the operator shall demonstrate that the soils remaining in the impacted area are compliant with Table 910-1 or the operator shall demonstrate that remaining inorganics exceedances in the area have been addressed per guidelines set forth under FAQ 32.

Attachment Check List**Att Doc Num****Name**

402422063	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402422069	SITE MAP
402422071	ANALYTICAL RESULTS
402422073	ANALYTICAL RESULTS
402422075	ANALYTICAL RESULTS
402422076	ANALYTICAL RESULTS
402463212	FORM 19 SUBMITTED

Total Attach: 7 Files

General Comments**User Group****Comment****Comment Date**

Environmental	Based on the information provided for background sample results, the COGCC approves of the operator's request for consideration of background concentrations for arsenic in exceedance of Table 910-1.	08/10/2020
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Total: 1 comment(s)