

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402346769

Date Received:

03/19/2020

Spill report taken by:

Arauzo, Steven

Spill/Release Point ID:

473129

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
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>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402340288

Initial Report Date: 03/11/2020 Date of Discovery: 03/10/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SENE SEC 12 TWP 8S RNG 96W MERIDIAN 6

Latitude: 39.366067 Longitude: -108.051967

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

Reference Location:

Facility Type: TANK BATTERY Facility/Location ID No 312697

Spill/Release Point Name: SGV 12H tank battery 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? No

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): >=1 and <5

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): 0

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: Sunny

Surface Owner: FEE Other(Specify): Hyrup LLP

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 arrived on the 12H to find his tank had overflowed. The dump on the separator had stuck open causing the vessel to continuously send fluid and gas to the tank. There is no automation on this single tank battery. This tank is in an unlined earthen berm containment. It appears that roughly 5 bbls may have collected in the secondary containment. From what the operator was able to determine it appears that the dump had been stuck for rough 1 hour and 45 minutes. In that time the casing pressure on the well decreased by 70 psi. A water truck was dispatched to collect the available standing fluid. The truck was able to recover 3-4 bbls.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
3/10/2020	Garfield County	Kirby Wynn	970-987-2557	acknowledged incident
3/10/2020	COGCC	Steven Auraza	720-498-5298	Left voicemail
3/10/2020	Landowner	Hyrup LLP	-	Notified by Caerus land team

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

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:	03/19/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	5	3	<input type="checkbox"/>	
PRODUCED WATER	0	0	<input 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>YES</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>20</u>	Width of Impact (feet): <u>20</u>	
		Depth of Impact (feet BGS): <u>2</u>	Depth of Impact (inches BGS): _____	
How was extent determined?				
Caerus captured all standing liquid during the time of the incident by water truck. A hydrovac was brought in to remove all stained gravel and delineate the extent of contamination found within the secondary containment. The hydrovac removed two loads, approximately 30 cubic yards, of impacted soil and gravel within the secondary containment. Both loads of impacted material was hauled to Caerus's NPR Solidification Facility (Facility ID 428910). Caerus collected soil samples for assessment of the secondary containment and are awaiting the return of laboratory analytical results.				

Soil/Geology Description:

Potts-Ildefonso Complex, 12 - 25 percent slopes.

Depth to Groundwater (feet BGS) 150

Number Water Wells within 1/2 mile radius: 4

If less than 1 mile, distance in feet to nearest

Water Well 860 None

Surface Water _____ None

Wetlands 3800 None

Springs 3800 None

Livestock 1200 None

Occupied Building 1200 None

Additional Spill Details Not Provided Above:

Once laboratory analytical results are received, Caerus will provide these results to the COGCC with appropriate actions moving forward. Caerus will provide disposal manifests associated with the impacted soil disposal once available.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/19/2020

Root Cause of Spill/Release Equipment Failure

Other (specify) _____

Type of Equipment at Point of Spill/Release: Other

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

The separator dump

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

The separator dump stuck open and the well continued to flow, consequently overflowing the tank.

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

The well has been taken out of service to assess and determine what repairs will be required to prevent this incident from reoccurring.

Volume of Soil Excavated (cubic yards): 30

Disposition of Excavated Soil (attach documentation) Offsite Disposal Onsite Treatment

Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

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:

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: 03/19/2020 Email: brollins@caerusoilandgas.com

COA Type**Description**

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

402346769	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402346770	AERIAL PHOTOGRAPH
402346771	TOPOGRAPHIC MAP
402349846	FORM 19 SUBMITTED

Total Attach: 4 Files

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

Environmental	Per 3/13/2020 FIR, doc #698100144: "Operator shall submit an eForm 27 Site Investigation and Remediation Workplan to delineate and remediate soil impacts resulting from Spill/Release ID #473129." Operator was given a corrective action date of 4/18/2020 for eForm 27 submittal. Operator may request relief from eForm 27 requirement by providing analytical results and technical justification via a Supplemental eForm 19.	03/23/2020
Environmental	Comply with COAs listed on Initial eForm 19, doc #402340288.	03/23/2020

Total: 2 comment(s)