

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:

401900750

Date Received:

01/11/2019

Spill report taken by:

FISCHER, ALEX

Spill/Release Point ID:

460474

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: CAERUS PICEANCE LLC	Operator No: 10456	Phone Numbers
Address: 1001 17TH STREET #1600		Phone: (970) 285-2925
City: DENVER State: CO Zip: 80202		Mobile: (970) 640-6919
Contact Person: Blair Rollins		Email: brollins@caerusoilandgas.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401892359

Initial Report Date: 01/03/2019 Date of Discovery: 01/02/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWNE SEC 7 TWP 8S RNG 95W MERIDIAN 6

Latitude: 39.379355 Longitude: -108.032745

Municipality (if within municipal boundaries): County: GARFIELD

Reference Location:

Facility Type: TANK BATTERY Facility/Location ID No 334157

Spill/Release Point Name: 7G Tank Failure No Existing Facility or Location ID No.

Number: Well API No. (Only if the reference facility is well) 05- -

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? Yes

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

Estimated Oil Spill Volume(bbl): 0 Estimated Condensate Spill Volume(bbl): >0 and <1

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=5 and <100

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 and cold

Surface Owner: FEDERAL Other(Specify): BLM

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 Tank from the 6-34D and the 7-31B wells appears to have developed a hole at the base of the tank releasing fluid into the lined secondary containment. The liner appears to be in good condition and fluid was recovered from within the lined containment. The spill consisted of produced water being from the bottom of the tank 2' of water level dropped which was identified by the lease operator. The remaining fluid from the tank was transferred to another tank on location.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
1/3/2019	BLM	Jim Byers	970-319-2532	email was sent due to government shutdown
1/3/2019	Garfield Co	Kirby Wynn	970-625-5905	email notification sent

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes No

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with this E & P waste spill or release? Yes No

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

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 01/10/2019

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	40	40	<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? YES Was an Emergency Pit constructed? NO

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

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) Soil Groundwater Surface Water Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 73 Width of Impact (feet): 44

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): _____

How was extent determined?

All liquids released due to the spill were contained inside the lined secondary containment. A visual inspection of the secondary containment was conducted which confirmed that the plastic liner captured and retained all fluids released from the tank.

Soil/Geology Description:

Bucklon-Inchau loams, 25-50 percent slopes.

Depth to Groundwater (feet BGS) 400 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well _____ None Surface Water 759 None

Wetlands _____ None Springs 3896 None

Livestock _____ None Occupied Building _____ None

Additional Spill Details Not Provided Above:

The secondary containment was washed with hot water while fluid recovery activities were being completed with a hydrovac truck to ensure all spilled materials were captured and removed. The surface water identified above is a dry drainage approximately 759 feet north of the well pad location. When the release was identified, 43 barrels of oil and 10 barrels of produced water was transferred from the leaking tank into other tanks on location.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/10/2019

Cause of Spill (Check all that apply) Human Error Equipment Failure Historical-Unknown
 Other (specify) _____

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

Corrosion inside the tank caused a pinhole leak which released the produced water into the secondary containment. The tank capacity is 300 barrels and is twelve feet in diameter by 15 feet high. The pinhole was located on the bottom edge of the tank.

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

The tank was taken out of service.

Volume of Soil Excavated (cubic yards): 0

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:

The information provided in this form brings Caerus into full compliance with COAs listed in the Initial Form 19 (COGCC Document ID 401892359).

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: Environmental Specialist Date: 01/11/2019 Email: brollins@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.

Attachment Check List

Att Doc Num

Name

401900750	SPILL/RELEASE REPORT(SUPPLEMENTAL)
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401901378	TOPOGRAPHIC MAP
401906044	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)