

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402450274

Date Received:

07/24/2020

Spill report taken by:

Arauzo, Steven

Spill/Release Point ID:

476624

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# 402406540

Initial Report Date: 05/27/2020 Date of Discovery: 05/26/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SENE SEC 6 TWP 8S RNG 97W MERIDIAN 6

Latitude: 39.389569 Longitude: -108.254106

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

Reference Location:

Facility Type: OIL AND GAS LOCATION Facility/Location ID No 322401

Spill/Release Point Name: Supply Suction Line Tanks to Filter 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): 0 Estimated Condensate Spill Volume(bbl): 0

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: Sunny and Clear

Surface Owner: FEDERAL Other(Specify): Grand Junction Field Office

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 afternoon of Tuesday May 26th, Caerus Water Operator was on location and noticed a small line failure on the Filter Pod. The Operator isolated the line to stop the release (closed valve at 8" to 4" reducing bushing). Upon returning to the location, on the morning of May 27th, to address the 2" surface line failure, the Operator noticed the ground was saturated and there was standing fluid between the Tank Battery and Filter Pod skid. The Operator believes there is a second line failure that became apparent as a result of isolating the Supply Line where he did. The second line failure is believed to be along the 8" Supply Suction Line leading from the Tank Battery to the isolated reducing bushing before Filter Pod. The 8" Supply Suction Line has been isolated at the flange leaving the Tank Battery. Corrective Actions have been discussed and are underway.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/27/2020	COGCC	Steven Arauza	720-498-5298	Incident was verbally communicated to Steven. He made note of the incident and provided specific feedback for Lat/Long and Landowner notification.
5/27/2020	BLM	Jim Byers	970-319-2532	Verbal notificaton of release was provided
5/27/2020	Garfield County	Kirby Wynn	970-987-2557	Verbal notification and emailed COGCC 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

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 07/24/2020

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	14	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? NO 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): 30 Width of Impact (feet): 10

Depth of Impact (feet BGS): 7 Depth of Impact (inches BGS): _____

How was extent determined?

Caerus collected initial samples of the point of release and spill path to characterize the spill. Sample analysis identified that additional excavation would be required. Excavation was conducted to delineate all impacts associated with the spill. Based on sample analytical results from the excavtion, a reduced analyte suite was approved by the COGCC to delineate SAR and pH impacts from the release. The attached sample location map outlines the excavation activities and sampling conducted, along with the delineation of SAR and pH for the South Wall and East Wall samples.

Soil/Geology Description:

Barx loam, 3 to 12 percent slopes.

Depth to Groundwater (feet BGS) 100

Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well _____ None

Surface Water 520 None

Wetlands _____ None

Springs _____ None

Livestock _____ None

Occupied Building _____ None

Additional Spill Details Not Provided Above:

Caerus requests to backfill the excavation with native fill material to the active working surface of the pad for future use. Based on the depth of the remaining SAR impacts at the site, Caerus will ensure at the end of the life of the well pad that SAR impacts will be buried below at least three feet of native material to ensure a sufficient agronomic zone for revegetation of the site.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 07/24/2020

Root Cause of Spill/Release Corrosion

Other (specify) _____

Type of Equipment at Point of Spill/Release: Other

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

Supply suction pipeline

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

The failure was due to internal corrosion of the pipeline.

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

The entire failed pipeline was replaced with a coated steel 8" pipeline.

Volume of Soil Excavated (cubic yards): 40

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:

All excavated soil was transported to Greenleaf for offsite disposal, see attached manifests.

The background soil samples were collected from background locations near the LW USA 1-31 well pad (COGCC Location ID# 322486) located approximately 0.58 miles north of the well pad, see attached map.

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: 07/24/2020 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.
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Attachment Check List

Att Doc Num

Name

402450274	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402450303	DISPOSAL MANIFEST
402450308	ANALYTICAL RESULTS
402450309	ANALYTICAL RESULTS
402450310	ANALYTICAL RESULTS
402450312	ANALYTICAL RESULTS
402450314	ANALYTICAL RESULTS
402450315	ANALYTICAL RESULTS
402450316	ANALYTICAL RESULTS
402450317	OTHER
402450322	SITE MAP
402450324	SITE MAP
402456781	FORM 19 SUBMITTED

Total Attach: 13 Files

General Comments

User Group

Comment

Comment Date

Environmental	Operator's request for consideration of remaining exceedances for SAR and pH represented by sample LW USA 1 E WALL (7/9/2020) to be buried beneath 3' depth during reclamation, per FAQ 32, is conditionally approved based on the depth of sample (5 feet), the proximity of impacts to infrastructure, and the delineation of impacts to the south indicated by Sample ID E Wall Mid.	07/30/2020
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Total: 1 comment(s)