

State of Colorado
Oil and Gas Conservation Commission

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Document Number:
401792213
Date Received:
10/19/2018

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.

Spill report taken by:
Arauz, Steven
Spill/Release Point ID:
457694

OPERATOR INFORMATION

Name of Operator: CAERUS PICEANCE LLC Operator No: 10456 Phone Numbers
Address: 1001 17TH STREET #1600 Phone: (970) 285-9606
City: DENVER State: CO Zip: 80202 Mobile: (970) 778-2314
Contact Person: Jake Janicek Email: jjanicek@caerusoilandgas.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401778075

Initial Report Date: 09/28/2018 Date of Discovery: 09/27/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSE SEC 25 TWP 5S RNG 96W MERIDIAN 6
Latitude: 39.584419 Longitude: -108.115555
Municipality (if within municipal boundaries): County: GARFIELD

Reference Location:

Facility Type: GAS GATHERING PIPELINE SYSTEM Facility/Location ID No
Spill/Release Point Name: West Fork 3-Phase Line 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? 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): Unknown
Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): Unknown
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 85
Surface Owner: FEE Other(Specify): Caerus Oil and Gas

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):

While walking the pipeline corridor, a member of our pipeline staff observed an area of ground surface subsidence. After removing soil with a hydrovac in this area, a failed portion of a line was found. It was immediately isolated and purged of all fluids. Excavation of impacted soil is currently underway.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/28/2018	Garfield County	Kirby Wynn	-	Acknowledged notification with a follow up email

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: _____

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	10/17/2018
Cause of Spill (Check all that apply)		
<input type="checkbox"/> Human Error	<input checked="" type="checkbox"/> Equipment Failure	<input type="checkbox"/> Historical-Unknown
<input type="checkbox"/> Other (specify)	_____	
Describe Incident & Root Cause (include specific equipment and point of failure)		
<p>While walking the West Fork Pipeline corridor, a member of the Caerus pipeline staff observed an area of ground surface subsidence. After removing soil with a hydrovac from the area of concern, a failed portion of pipeline was observed and immediately isolated and purged of all fluids. On October 10th, 2018, Nalco Champion performed a failure analysis on the failed portion of pipe from the West Fork 10-inch pipeline. Based on the size and shape of pitting, iron sulfide deposits, low levels of H₂S, and microorganism counts, the analysis determined Microbial Influenced Corrosion (MIC) to be the primary mechanism or "root cause" of failure.</p>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<p>As of October 17th, 2018, it is undetermined whether the WF10" pipeline will remain in use. If the pipeline is re-commissioned, Nalco Champion will continue to treat each lateral line that feeds into the WF10" pipeline with EC1317A corrosion inhibitor as well as continue use of a biocide treatment program with slug and pill treatments.</p>		
Volume of Soil Excavated (cubic yards):	200	
Disposition of Excavated Soil (attach documentation)	<input type="checkbox"/> Offsite Disposal	<input type="checkbox"/> Onsite Treatment
	<input checked="" type="checkbox"/> Other (specify)	Disposition of waste is temporarily on hold pending analytical data. Once recieved, Caerus will notify the COGCC detailing plans for disposition.
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: 11913

OPERATOR COMMENTS:

Per the Spill/Remediation COA listed on the COGCC Field Inspection Form (COGCC Document ID 681701098), Caerus acknowledges that Water of the State were threatened by the West Fork 10" Three Phase Pipeline release.

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 Lead Date: 10/19/2018 Email: jjanicek@caerusoilandgas.com

COA Type**Description**

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Attachment Check List

Att Doc Num	Name
401792213	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401800247	OTHER
401800249	ANALYTICAL RESULTS
401800250	ANALYTICAL RESULTS
401800253	ANALYTICAL RESULTS
401800254	ANALYTICAL RESULTS
401800255	ANALYTICAL RESULTS
401802845	AERIAL PHOTOGRAPH
401813705	FORM 19 SUBMITTED

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Environmental	<p>Operator has yet to delineate aerial and vertical extent of impacts. Analytical results confirm Table 910-1 exceedances for TPH, BTEX, and SAR at Point of Release (POR) samples, at 15' pothole south of excavation (PH 15), and on North and South walls of excavation (N8' and S8').</p> <p>Operator to continue work to delineate and remediate impacts to soil, groundwater, and surface water under Remediation Project #11913.</p>	10/23/2018

Total: 1 comment(s)