

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402223874

Date Received:

10/28/2019

Spill report taken by:

Heil, John

Spill/Release Point ID:

468839

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>HUNTER RIDGE ENERGY SERVICES LLC</u>	Operator No: <u>10442</u>	Phone Numbers
Address: <u>370 17TH STREET #1700</u>		Phone: <u>(720) 876-3043</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80202</u>
Contact Person: <u>Jennifer Henry</u>		Mobile: <u>()</u>
		Email: <u>jennifer.henry@encana.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402213355

Initial Report Date: 10/17/2019 Date of Discovery: 10/10/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 14 TWP 4S RNG 96W MERIDIAN 6

Latitude: 39.696671 Longitude: -108.144034

Municipality (if within municipal boundaries): _____ County: RIO BLANCO

Reference Location:

Facility Type: OTHER
☐ Facility/Location ID No _____
Spill/Release Point Name: A27 12" poly 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? Yes

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

Estimated Oil Spill Volume(bbl): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): >=100Estimated Drilling Fluid Spill Volume(bbl): 0Specify: Impacted Water Collected in East Stewart Spring

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Cold and CloudySurface Owner: OTHER (SPECIFY)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):

The 12 inch poly line that captures water at the upper diversion and routes impacted spring water to the sediment trap of the vault and plant split roughly 500 feet south (upstream) of the vault. All water from the pipe as well as all water in the creek is still captured and treated to standards in Permit COG315481 The water collected in the upper diversion is now joining the impacted water from seeps located north (downstream) of the upper diversion roughly 500 feet south of the vault instead of in the sediment trap directly upstream of the vault.

List Agencies and Other Parties Notified:

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:	10/28/2019	
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<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	14400	14400	<input type="checkbox"/>
specify: Impacted Water Collected in East Stewart Spring			
Was spill/release completely contained within berms or secondary containment? <u>NO</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 checked="" type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet):		408	Width of Impact (feet): 8
Depth of Impact (feet BGS):		0	Depth of Impact (inches BGS):
How was extent determined?			
The length is assumed to be the distance between the poly line break and the lower collection dam, the width is an approximation of the width of the gulch. Numerical values were determined via GIS.			
Soil/Geology Description:			
The soils in the gulch are primarily unconsolidated sands, gravel, and clay.			
Depth to Groundwater (feet BGS)		28	Number Water Wells within 1/2 mile radius: 0
If less than 1 mile, distance in feet to nearest		Water Well	None <input checked="" type="checkbox"/> Surface Water 0 None <input type="checkbox"/>
		Wetlands	None <input checked="" type="checkbox"/> Springs 1400 None <input type="checkbox"/>
		Livestock	None <input checked="" type="checkbox"/> Occupied Building None <input checked="" type="checkbox"/>
Additional Spill Details Not Provided Above:			

The water collected in the 12-inch poly was joining the impacted water from seeps located north (downstream) of the upper diversion roughly 500 feet south of the vault instead of in the sediment trap directly upstream of the vault. All water from the pipe as well as all water in the creek is still captured and treated to standards in Permit COG315481. Samples collected from the Spring and the Seep during third quarter 2019 had no detections of BTEX constituents above the laboratory reporting limits (see attached analytical report). See document 2573009 for a previously submitted timeline of repairs. The depth to groundwater is estimated based on data from the nearest monitoring well.

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	10/28/2019
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)		
<div>The 12-inch poly line collects and routes water from the southernmost spring to the lower dam where it joins the rest of the water from the creek. All water is captured at the lower dam and sent to the vault, then either pumped to the onsite water treatment plant or, if the plant is not operational, it is sent to an injection well for disposal. The poly line was discovered to have cracked and split approximately 500 feet from the lower dam, at a point where the ground surface drops substantially. It is believed the stress placed on the poly line from hanging off this ledge lead to material failure resulting in the break.</div>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<div>A new section of pipe was brought in to reconnect the line to the lower dam and bracing was installed to support the pipe in the area of the ledge. Repairs were completed October 25, 2019 and the pipe is currently back in service.</div>		
Volume of Soil Excavated (cubic yards): 0		
Disposition of Excavated Soil (attach documentation)		
<input type="checkbox"/> Offsite Disposal	<input type="checkbox"/> Onsite Treatment	
<input type="checkbox"/> 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 water collected in the 12-inch poly was joining the impacted water from seeps located north (downstream) of the upper diversion roughly 500 feet south of the vault instead of in the sediment trap directly upstream of the vault. All water from the pipe as well as all water in the creek is still captured and treated to standards in Permit COG315481. Samples collected from the Spring and the Seep during third quarter 2019 had no detections of BTEX constituents above the laboratory reporting limits (see attached analytical report). Repairs were completed October 25, 2019 and the pipe is currently back in service.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____	Print Name: Jennifer Henry
Title: Environmental Specialist	Date: 10/28/2019
	Email: jennifer.henry@encana.com

<u>COA Type</u>	<u>Description</u>
	The Operator shall make provisions to have materials available to repair all leaks and pipe separations upon discovery or as soon as practicable within a 24 hour time period.
	No fluids from the 12-inch poly line or other means of conveyance shall be commingled with Waters of the State (fluids in the creek) and the 12-inch poly line shall be extended to flow into the vault.
	Repair all leaks in the 12-inch poly line or other means of conveyance upon discovery.
	Operator shall comply with COA on Doc# 402213355 "Operator shall provide COGCC with a specific timeline of when the 12 inch poly line ruptured, when the rupture was discovered, when the Operator notified the COGCC and when the ruptured line was repaired."

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402223874	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402224292	SITE MAP
402224309	ANALYTICAL RESULTS
402226491	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)