

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402293873

Date Received:

01/24/2020

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

469263

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>EVERGREEN NATURAL RESOURCES LLC</u>	Operator No: <u>10705</u>	Phone Numbers
Address: <u>1801 BROADWAY SUITE 350</u>		Phone: <u>(719) 846-7898</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>()</u>
Contact Person: <u>Cheri Morgan</u>		Email: <u>cheri.morgan@enrllc.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402241284

Initial Report Date: 11/17/2019 Date of Discovery: 11/14/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENE SEC 14 TWP 32S RNG 67W MERIDIAN 6

Latitude: 37.260400 Longitude: -104.851840

Municipality (if within municipal boundaries): _____ County: LAS ANIMAS

Reference Location:

Facility Type: GAS GATHERING PIPELINE SYSTEM Facility/Location ID No 427440

Spill/Release Point Name: Cougar No Existing Facility or Location ID No.

Number: 42-14 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): 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: Clear and Cool

Surface Owner: FEE Other(Specify): _____

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 spill was found about 2:00 pm by the Lease Operator and isolated immediately. It is estimated that 5 barrels traveled north from the break at the valve can on the southwest corner of location to the north berm, then changed direction and traveled east to the northeast edge of location down a spillway and ended just off location. There was stormwater impact from snowmelt in the spill path on the east edge of location. No State Waters were involved and the landowner was notified. Root cause investigation is ongoing & further repairs are in progress.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
11/15/2019	COGCC	Jason Kosola	-	Email
11/15/2019	LACOG	Robert Lucero	-	Email
11/15/2019	Landowner	John C Serra	-	Phone Call

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: 01/24/2020

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>5</u>	<u>0</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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): 273 Width of Impact (feet): 1

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

How was extent determined?

Visual inspection and GIS Mapping

Soil/Geology Description:

From the NRCS Soil Survey Map: Allens Park-Wahatoya complex

Depth to Groundwater (feet BGS) 150 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well 0 None Surface Water 220 None

Wetlands 0 None

Springs 0 None

Livestock 0 None

Occupied Building 0 None

Additional Spill Details Not Provided Above:

Empty text box for additional spill details.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/24/2020

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)

Bad fusion on 2 inch produced water gathering poly line caused line to break.

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

Line was repaired. SOP will be provided to contractors on proper fusing.

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:

Produced water quality data from the well associated with or representative of the spill is attached. Evergreen and its consulting geochemical specialists have found, after 20 years operating in the Raton Basin CBM field, that soil sampling no longer adds useful data on smaller, short-term spills as land uses and the environment are not sensitive to short-term exposure to CBM produced water. Effects to soil chemistry from short-term CBM produced water spills are temporary and shallow for several reasons: the water does not contain crude oil or liquid hydrocarbons; the TDS is significantly less than 10,000 mg/L; it is suitable for livestock watering, wildlife and in many cases surface discharge. Mixed with other water it is suitable for irrigation without impact.

When requested by the agency or landowner, Evergreen will collect new soil samples. Evergreen Natural Resources request closure of this spill based on this statement and attached water quality data.

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

Signed: _____ Print Name: Cheri Morgan

Title: Regulatory Specialist Date: 01/24/2020 Email: cheri.morgan@enrllc.com

COA Type**Description**

	Based on review of information presented it appears that no further action is necessary at this time. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water or vegetation is found to be significantly impacted, further investigation and/or remediation activities may be required at the site.
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Attachment Check List**Att Doc Num****Name**

402293873	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402293897	ANALYTICAL RESULTS
402295766	FORM 19 SUBMITTED

Total Attach: 3 Files

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

Environmental	Changed closure request to yes at operator request.	01/28/2020
Environmental	No spill closure request on Form 19 but operator comments indicate closure request. Contacted operator for clarification.	01/27/2020

Total: 2 comment(s)