

State of Colorado

Energy & Carbon Management Commission

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Date Received:

09/16/2024

Spill report taken by:

Robinson, Taylor

Spill/Release Point ID:

485824

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to ECMC Rule 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

OPERATOR INFORMATION

Name of Operator: <u>EXTRACTION OIL & GAS INC</u>	Operator No: <u>10459</u>	Phone Numbers
Address: <u>555 17TH STREET SUITE 3700</u>		Phone: <u>(720) 3846452</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>()</u>
Zip: <u>80202</u>		Email: <u>cmcqueen@civiresources.com</u>
Contact Person: <u>Costin McQueen</u>		

☐ Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 403612997

Initial Report Date: 12/04/2023 Date of Discovery: 12/01/2023 Spill Type: Recent Spill

Spill/Release Point Location:QTRQTR NESE SEC 7 TWP 4N RNG 68W MERIDIAN 6Latitude: 40.324928 Longitude: -105.041919Municipality (if within municipal boundaries): _____ County: WELD

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

☐ Check this box if this spill/release is related to a loss of integrity of a flowline, pipeline, crude oil transfer line, or produced water transfer line.

Reference Location:Facility Type: TANK BATTERY☒ Facility/Location ID No 452694Spill/Release Point Name: Trott 7-L☐ Well API No. (Only if the reference facility is well) 05- -☐ No Existing Facility or Location ID No.

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

Estimated Oil Spill Volume(bbl): >=1 and <5Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=1 and <5Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Has the subject Spill/Release been controlled at the time of reporting? Yes**Land Use:**Current Land Use: CROP LAND

Other(Specify): _____

Weather Condition: ClearSurface Owner: FEE

Other(Specify): _____

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

A compromised fire tube on the Trott 8E-10-9N separator resulted in approximately 8 bbls of fluid to spill to the ground surface. The spill was contained entirely on pad and a vac truck was dispatched to remove the standing fluids. The impacted soil will be removed and hauled for disposal and confirmation soil samples will be collected in compliance with ECMC Table 915-1. In addition, a waste characterization sample was collected and submitted for full Table 915 analysis. Analytical results will be provided on a supplemental Form 19.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
12/1/2023	Surface Owner	on file	-on file	Notified of Release
12/1/2023	Weld Co. OEM	David Burns	-on file	Notified of Release
12/1/2023	ECMC EPS	Taylor Robinson	-on file	Notified of Release

REPORT CRITERIA

Rule 912.b.(1) Report to the Director (select all criteria that apply):

- ☐ No Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.
- Waters of the State: _____ Public Water System: _____
- Residence or Occupied Structure: _____ Livestock: _____
- Wildlife: _____ Publicly-Maintained Road: _____
- ☐ Yes Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.
- ☐ Yes Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.
- ☐ No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak
- Enter the approximate time of discovery _____ (HH:MM)
- 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? _____
- Enter the Document Number of the Initial Accident Report, Form 22 _____
- Was there damage during excavation? _____
- Was CO 811 notified prior to excavation? _____
- ☐ Yes Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.
- Estimated Volume of Impacted Solids (cu. yd.): _____ 11 _____
- ☐ No Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:
- ☐ The presence of free product or hydrocarbon sheen Surface Water
- ☐ The presence of free product or hydrocarbon sheen on Groundwater
- ☐ The presence of contaminated soil in contact with Groundwater
- ☐ The presence of contaminated soil in contact with Surface water

No	Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylights from the subsurface.
No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property. <input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
No	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 12/04/2023		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	4	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	4	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): 45 Width of Impact (feet): 28

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

How was extent determined?

The extent was determined through visual delineation and will be confirmed through confirmation soil sampling.

Soil/Geology Description:

Wilby-Colby Complex, 1 to 3 percent slopes. SC - Clayey sand

Depth to Groundwater (feet BGS) 20 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well	<u>1350</u>	None <input type="checkbox"/>	Surface Water	<u>3200</u>	None <input type="checkbox"/>
Wetlands	<u>2789</u>	None <input type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	<u>1403</u>	None <input type="checkbox"/>	Occupied Building	<u>725</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	03/13/2024
Root Cause of Spill/Release <u>Corrosion</u>		
Other (specify) _____		
Type of Equipment at Point of Spill/Release: <u>Horizontal Separator</u>		
If "Other" selected above, specify or describe here:		
<div></div>		
Describe Incident & Root Cause (include specific equipment and point of failure)		
<div>A compromised fire tube on the Trott 8E-10-9N separator resulted in approximately 8 bbls of fluid to spill to the ground surface</div>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<div>In addition to routine AVO inspections, Extraction implemented an upgraded integrity management program focusing on the reduction of internal corrosion related releases. This program includes increased pressure testing and preventative maintenance frequencies, installation of anodes and fluid detection kill switches on tanks and production vessels, and updating facility designs to utilize more corrosion resistant materials.</div>		
Volume of Soil Excavated (cubic yards): <u>40</u>		
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment		
<input type="checkbox"/> Other (specify) _____		
Volume of Impacted Ground Water Removed (bbls): <u>0</u>		
Volume of Impacted Surface Water Removed (bbls): <u>0</u>		

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, check all that apply)
 - ☐ Horizontal and Vertical extents of impacts have been delineated.
 - ☐ Documentation of compliance with Table 915-1 is attached.
 - ☐ All E&P Waste has been properly treated or disposed.
 - ☒ Work proceeding under an approved Form 27 (Rule 912.c).
 - Form 27 Remediation Project No: 34368
 - ☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

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

Signed: _____ Print Name: Costin McQueen

Title: Senior Env Specialist Date: 09/16/2024 Email: cmcqueen@civiresources.com

COA Type	Description
0 COA	

ATTACHMENT LIST

Att Doc Num

Name

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Total Attach: 0 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)