

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403777671

Date Received:

05/02/2024

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

486031

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

☐ 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# 403653114

Initial Report Date: 01/12/2024	Date of Discovery: 01/12/2024	Spill Type: Recent Spill
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Spill/Release Point Location:

QTRQTR NWSW SEC 29 TWP 1S RNG 66W MERIDIAN 6

Latitude: 39.934311 Longitude: -104.804252

Municipality (if within municipal boundaries): County: ADAMS

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 450043

Spill/Release Point Name: PC 1S-66-2928 PW line ☐ 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): 0	Estimated Condensate Spill Volume(bbl): 0
Estimated Flow Back Fluid Spill Volume(bbl): 0	Estimated Produced Water Spill Volume(bbl): >=1 and <5
Estimated Other E&P Waste Spill Volume(bbl): 0	Estimated 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:	Clear		
Surface 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 above ground produced water line resulted in fluid to spill to the ground surface. The spill was contained entirely on pad and a vac truck was dispatched to clean up standing fluid. The impacted soil will be removed and hauled for disposal. The line will be repaired, and pressure tested prior to returning to service. Confirmation soil samples will be collected and submitted in compliance with ECMC Table 915-1.

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

OTHER NOTIFICATIONS

<u>Date</u>	<u>Agency/Party</u>	<u>Contact</u>	<u>Phone</u>	<u>Response</u>
1/12/2024	Adams County LGD	Greg Dean	-on file	Notified of Release
1/12/2024	ECMC EPS	Chris Canfield	-on file	Notified of Release
1/12/2024	Surface Owner	on file	-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.

No 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? _____

No 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.): _____

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: 01/12/2024		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	3	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): _____ Width of Impact (feet): _____

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

How was extent determined?

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

Soil/Geology Description:

SM - silty sand, ascalon sandy loam 1 to 3 percent slopes

Depth to Groundwater (feet BGS) 26 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest	Water Well	<u>695</u>	None	<input type="checkbox"/>	Surface Water	<u>1106</u>	None	<input type="checkbox"/>
	Wetlands	<u>2072</u>	None	<input type="checkbox"/>	Springs		None	<input checked="" type="checkbox"/>
	Livestock	<u>2238</u>	None	<input type="checkbox"/>	Occupied Building	<u>1430</u>	None	<input type="checkbox"/>

Additional Spill Details Not Provided Above:

Due to depth to groundwater associated with CO DWR permit# 525 and the surficial nature of the spill, Extraction requests the use of RSSL concentrations to show compliance with Table 915.

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 05/02/2024
Root Cause of Spill/Release <u>Corrosion</u>	
Other (specify) _____	
Type of Equipment at Point of Spill/Release: <u>Dump Line</u>	
If "Other" selected above, specify or describe here:	
Describe Incident & Root Cause (include specific equipment and point of failure)	
A compromised above ground produced water line resulted in fluid to spill to the ground surface.	
Describe measures taken to prevent the problem(s) from reoccurring:	
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.	
Volume of Soil Excavated (cubic yards): <u>0</u>	
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal 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: 35200
 - ☐ 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: 05/02/2024 Email: cmcqueen@civiresources.com

COA Type	Description
0 COA	

ATTACHMENT LIST

Att Doc Num

Name

403777671

FORM 19 SUBMITTED

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

Stamp Upon
Approval

Total: 0 comment(s)