

State of Colorado

Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403751281

Date Received:

04/11/2024

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

486405

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# 403729551

Initial Report Date: 03/25/2024	Date of Discovery: 03/22/2024	Spill Type: Recent Spill
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Spill/Release Point Location:

QTRQTR SWSE SEC 25 TWP 1S RNG 66W MERIDIAN 6

Latitude: 39.929258 Longitude: -104.722675

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: PIT

☒ Facility/Location ID No 449925

Spill/Release Point Name: Alma 1S-66-2524 Oil tank

☐ 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): >=5 and <100

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

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 valve resulted in the overflow of a concrete pit and resulted in greater than 5 BBL of oil to spill entirely inside secondary lined containment. There are currently no impacts to the ground surface. A transport was immediately dispatched to begin bottoming out the concrete pit and recover as much fluid as possible. Any remaining pooled fluid and impacted ballast material will be removed and hauled for disposal under waste manifest. The integrity of the liner will be inspected and confirmed to be in good condition prior to requesting closure. If the liner appears to be compromised, 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

Date	Agency/Party	Contact	Phone	Response
3/23/2024	Adams County LGD	Gregory Dean	-on file	Notified of Release
3/23/2024	ECMC EPS	Chris Canfield	-on file	Notified of Release
3/23/2024	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.
- ☐ 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? _____
- ☐ 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: 03/25/2024		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	30	30	<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	0	0	<input type="checkbox"/>

specify: _____

Was spill/release completely contained within berms or secondary containment? YES 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 determined through visual inspection and will be confirmed with confirmation sampling if the lined containment is compromised.

Soil/Geology Description:

The spill was entirely contained within lined containment and there are currently no impacts to the ground surface.

Depth to Groundwater (feet BGS)	31	Number Water Wells within 1/2 mile radius:	6
If less than 1 mile, distance in feet to nearest	Water Well 1549 None <input type="checkbox"/>	Surface Water 689 None <input type="checkbox"/>	
	Wetlands 1031 None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>	
	Livestock 2365 None <input type="checkbox"/>	Occupied Building 1420 None <input type="checkbox"/>	

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 04/11/2024
Root Cause of Spill/Release Incorrect Operations (Human Error)	
Other (specify)	
Type of Equipment at Point of Spill/Release: Partially Buried Vessel	
If "Other" selected above, specify or describe here:	
Describe Incident & Root Cause (include specific equipment and point of failure)	
A valve resulted in the overflow of a concrete pit and resulted in greater than 5 BBL of oil to spill entirely inside secondary lined containment.	
Describe measures taken to prevent the problem(s) from reoccurring:	
An SOP was developed for transferring fluid between tanks. Operators are coached to read, understand, and follow the standard operating procedure that has been put in place and should never leave a valve open while conducting a fluid transfer.	
Volume of Soil Excavated (cubic yards): 0	
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): 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, 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:
 - ☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

All standing fluid inside lined containment was recovered. The integrity of the liner was inspected and determined to be in good condition. Standing fluid in photo log is storm water from recent storm event.	
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: 04/11/2024 Email: cmcqueen@civiresources.com

<u>COA Type</u>	<u>Description</u>
	Based on the information presented, it appears that no further action is necessary at this time and the ECMC approves the closure request. However, if future conditions at the site indicate contaminant concentrations in soils exceeding ECMC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required.
1 COA	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403751281	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403751299	PHOTO DOCUMENTATION
403794208	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)