

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403882069

Date Received:

08/16/2024

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

487620

SPILL/RELEASE REPORT (INITIAL /w 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>(303) 312-8166</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>()</u>
Contact Person: <u>Nathan Bennett</u>		Email: <u>nbennett@civiresources.com</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 REPORTInitial Spill/Release Report Doc# 403882069

Initial Report Date: <u>08/08/2024</u>	Date of Discovery: <u>05/23/2023</u>	Spill Type: <u>Recent Spill</u>
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Spill/Release Point Location:QTRQTR NWSE SEC 7 TWP 1S RNG 68W MERIDIAN 6Latitude: 39.977889 Longitude: -105.040042Municipality (if within municipal boundaries): Broomfield County: BROOMFIELD

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 455317Spill/Release Point Name: Livingston Pad 5/23/2023☐ 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): 0Estimated Condensate Spill Volume(bbl): >0 and <1Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >0 and <1Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0Specify: Approximately 5 gallons or less of production fluids, which were fully contained to the LocationHas the subject Spill/Release been controlled at the time of reporting? Yes

Land Use:

Current Land Use: OTHEROther(Specify): Oil & Gas Location

Weather Condition: Mid- to Upper-50s, generally clear

Surface Owner: OTHER (SPECIFY)Other(Specify): City & County of Broomfield

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

On the morning of May 23, 2023, a 2" plug on the choke manifold between the wellhead and the separator for the Livingston 9N well (API 05-014-20746) at the Livingston Pad (Facility ID: 455317) experienced a pinhole release due to unpreventable erosion, spilling approximately 5 gallons or less of production fluids, which were fully confined within lined containment. The facility was shut-in and cleanup and repairs began immediately.

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/23/2023	Surface Owner	CCOB LGD	-on file	notified of incident
5/23/2023	CCOB	LGD	-on file	notified of incident

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: _____
- No 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.
- Yes 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 07:18 am (HH:MM)
- Enter the Document Number of the Grade 1 Gas Leak Report, Form 44 403882199
- Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? No
- Enter the Document Number of the Initial Accident Report, Form 22 403882271
- Was there damage during excavation? No
- 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: 08/16/2024		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE		0	<input type="checkbox"/>
PRODUCED WATER		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 spill was completely confined within lined containment. A liner inspection was conducted and indicated no sign of deficiencies.

Soil/Geology Description:

Spill occurred within lined containment on top of a compacted road based pad surface. Native soils identified as part of the Samsil-Shingle Complex

Depth to Groundwater (feet BGS) 16 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest	Water Well	<u>1600</u>	None	<input type="checkbox"/>	Surface Water	<u>470</u>	None	<input type="checkbox"/>
	Wetlands		None	<input checked="" type="checkbox"/>	Springs		None	<input checked="" type="checkbox"/>
	Livestock		None	<input checked="" type="checkbox"/>	Occupied Building	<u>1550</u>	None	<input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	08/16/2024
Root Cause of Spill/Release Other		
Other (specify) erosion		
Type of Equipment at Point of Spill/Release: Other		
If "Other" selected above, specify or describe here:		
2" plug on the choke manifold		
Describe Incident & Root Cause (include specific equipment and point of failure)		
internal erosion caused a pinhole to form in the 6 o'clock position of a 2" plug on the choke manifold resulting in approximately 5 gallons of produced fluids to be released inside lined containment		
Describe measures taken to prevent the problem(s) from reoccurring:		
The plug along with all of the other similar plugs on pad were inspected and replaced. The location has been added to a PM program to frequently inspect the condition of wear of components.		
Volume of Soil Excavated (cubic yards):		
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): 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:

FOR SETTLEMENT PURPOSES ONLY - ECMC DOCKET NUMBER 240500127.	
I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.	
Signed:	Print Name: Nathan Bennett
Title: Dir, Perm & Compliance	Date: 08/16/2024 Email: nbennett@civiresources.com

COA Type	Description
0 COA	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403882069	FORM 19 SUBMITTED
403892090	TOPOGRAPHIC MAP
403892092	AERIAL IMAGE
403892095	PHOTO DOCUMENTATION

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)