

## State of Colorado

## Energy &amp; Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

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



Document Number:

403996670

Date Received:

11/15/2024

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

488470

**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>PRAIRIE OPERATING CO LLC</u>	Operator No: <u>10819</u>	<b>Phone Numbers</b>
Address: <u>50 S STEELE STREET SUITE 450</u>		Phone: <u>( )</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80209</u>		Mobile: <u>(303) 523-7344</u>
Contact Person: <u>Meredith Knauf</u>		Email: <u>mk@prairieopco.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 REPORT**Initial Spill/Release Report Doc# 403989051

Initial Report Date: <u>11/10/2024</u>	Date of Discovery: <u>11/07/2024</u>	Spill Type: <u>Recent Spill</u>
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**Spill/Release Point Location:**

QTRQTR NWSW SEC 5 TWP 3N RNG 68W MERIDIAN 6

Latitude: 40.254537 Longitude: -105.033619

Municipality (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: OIL AND GAS LOCATION ☒ Facility/Location ID No 454131

Spill/Release Point Name: Noble Tank Battery ☐ 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): <u>0</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>Unknown</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: \_\_\_\_\_

Has the subject Spill/Release been controlled at the time of reporting? Yes

**Land Use:**

Current Land Use: NON-CROP LAND

Other(Specify): \_\_\_\_\_

Weather Condition: 30 degrees and cloudy

Surface Owner: FEE

Other(Specify): Cynthia and Kevin Sullivan

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

On the evening of 11/7, a pumper discovered several gallons of produced water on the ground inside a separator cabinet while completing his daily AVOs. The pumper determined the source of the produced water was coming from the produced water dump line. The pumper immediately isolated the dump line and shut it in. Initial clean up and investigation was started to find the leak - it was determine the leak was likely subsurface and a hydrovac and additional investigation is scheduled for 11/11.

Update: The clean-up is being completed using a hydro-vac to excavate the contaminated soils. This leak in the PW flowline was caught very early - and while the total volume of PW is unknown it is believed to be less than 20 gallons.

**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>
11/8/2024	Landowner	Kevin Sullivan	-	phone call
11/8/2024	Weld County OEM	Jason Maxey	970-400-3579	email
11/8/2024	Weld County OEM	Rudy Rudisill	970-304-6540	email
11/8/2024	ECMC	Kari Brown	720-355-3135	email

**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.

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:  <input type="checkbox"/> The presence of free product or hydrocarbon sheen Surface Water <input type="checkbox"/> The presence of free product or hydrocarbon sheen on Groundwater <input type="checkbox"/> The presence of contaminated soil in contact with Groundwater <input type="checkbox"/> The presence of contaminated soil in contact with Surface water
Yes	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 daylight's 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: 11/15/2024		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER			<input checked="" 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? <u>YES</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, <b>including walls &amp; floor regardless of construction material</b>, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>8</u>		Width of Impact (feet): <u>6</u>	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
impact investigation is ongoing			
Soil/Geology Description:			
NRCS Map Unit 79: Weld loam, 1 to 3 percent slopes			
Depth to Groundwater (feet BGS) <u>67</u>		Number Water Wells within 1/2 mile radius: <u>1</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>2385</u>	None <input type="checkbox"/>	Surface Water <u>1173</u> None <input type="checkbox"/>
	Wetlands <u>893</u>	None <input type="checkbox"/>	Springs _____    None <input checked="" type="checkbox"/>
	Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building <u>1011</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 11/15/2024

Root Cause of Spill/Release Corrosion

Other (specify)

Type of Equipment at Point of Spill/Release: Dump Line

If "Other" selected above, specify or describe here:

Describe Incident & Root Cause (include specific equipment and point of failure)

On the evening of 11/7, a pumper discovered several gallons of produced water on the ground inside a separator cabinet while completing his daily AVOs. The pumper determined the source of the produced water was coming from the produced water dump line. The pumper immediately isolated the dump line and shut it in. Initial clean up and investigation was started to find the leak - it was determine the leak was likely subsurface and a hydrovac and additional investigation is scheduled for 11/11.

Update: The clean-up is being completed using a hydro-vac to excavate the contaminated soils. This leak in the PW flowline was caught very early - and while the total volume of PW is unknown it is believed to be less than 20 gallons.

The dumpline leak occurred on the bulk separator, therefore, all three producing wells go to that separator: Noble 5X-HNC-05-03-68, NOBLE ST 5X-HNB-05-03-68, and Noble 5X-HC-05-03-68.

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

Prairie replaced the 90 and cut back the pipe about a foot downstream of where the leak occurred. New fittings and pipe was installed (extra heavy T, bull plug, and new pipe).

The repaired line will be pressure tested prior to return to service per Inspection Report 717300108 and 1102.j.4 and 1102.O.

Volume of Soil Excavated (cubic yards): 9

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, 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:

A final Form 19 will be submitted once remediation and pressure test is complete.

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

Signed: \_\_\_\_\_ Print Name: Meredith Knauf

Title: Manager, AQ and Enviro Date: 11/15/2024 Email: mk@prairieopco.com

**COA Type**

**Description**

0 COA	

**ATTACHMENT LIST**

**Att Doc Num**

**Name**

403996834	ANALYTICAL RESULTS
403996835	ANALYTICAL RESULTS
403996836	ANALYTICAL RESULTS
403996837	OTHER

Total Attach: 4 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)