

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:

404062735

Date Received:

01/30/2025

**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.

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

488470

**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>(303) 523-7344</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80209</u>		Mobile: <u>( )</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: 11/10/2024 Date of Discovery: 11/07/2024 Spill Type: Recent Spill

**Spill/Release Point Location:**

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

Latitude: 40.254545 Longitude: -105.033579

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): 0 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): Unknown

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: 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 11/7/24, a pumper discovered several gallons of produced water on the ground inside the cabinet of the western-most separator in the separator battery containment while completing his daily AVOs. The pumper immediately isolated the dump line and shut it in. After hydrovac excavation and further investigation, it was determined the leak occurred at the produced water dumphline riser 90.

**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? \_\_\_\_\_

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.): \_\_\_\_\_ 40 \_\_\_\_\_

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

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 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.

Areas offsite of Oil & Gas Location     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: 01/20/2025

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>          </u>	<u>          </u>	<input checked="" type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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): 11    Width of Impact (feet): 9

Depth of Impact (feet BGS): 13    Depth of Impact (inches BGS): 0

How was extent determined?

Hydrovac excavation and confirmation grab soil sampling for laboratory analysis. Soil samples were submitted to Origins Laboratory in Denver, Colorado for full ECMC table 915-1 analysis. Groundwater was not encountered.

Soil/Geology Description:

Wiley-Colby complex, 1 to 3 percent slopes

Depth to Groundwater (feet BGS) 67    Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well	<u>2385</u>	None <input type="checkbox"/>	Surface Water	<u>800</u>	None <input type="checkbox"/>
Wetlands	<u>790</u>	None <input type="checkbox"/>	Springs	<u>          </u>	None <input checked="" type="checkbox"/>
Livestock	<u>          </u>	None <input checked="" type="checkbox"/>	Occupied Building	<u>705</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Soil impact extent delineation points of compliance are confirmed at soil samples EX-FS-01@13' (floor), EX-SS-02@4' (east), EX-SS-05@5' (west), and EX-SS-06@5' (north). On 1/9/25, hydrovac excavated the remaining impacted soil out to the east, north, and west, points of compliance, as well as down to the floor point of compliance at 13' bgs.

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/20/2025

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 11/7/24, a pumper discovered several gallons of produced water on the ground inside the cabinet of the western-most separator in the separator battery containment while completing his daily AVOS. The pumper immediately isolated the dump line and shut it in. After hydrovac excavation and further investigation, it was determined the leak occurred at the produced water dumpline riser 90. This leak in the PW dumpline was caught very early. The total estimated volume of produced water released is unknown, but is believed to be less than 20 gallons.

Contributing wells to the separator are 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:

The dumpline has been locked out and tagged out, and removed from service indefinitely.

Volume of Soil Excavated (cubic yards): 40

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:

See attached figures, tables, photos, and laboratory analytical reports for all remediation work completed to-date.

South sidewall grab soil sample EX-SS-03@4', collected from underneath the separator, contains elevated EC and SAR. Prairie would like to request ECMC approval to leave these elevated inorganics in place. All ECMC Table 915-1 TPH (C6-C36) and Organic Compounds in Soil concentrations are non-detect in that sample, confirming petroleum hydrocarbon impacts did not reach that point.

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

Signed: \_\_\_\_\_ Print Name: David Castro

Title: Senior Project Scientist Date: 01/30/2025 Email: dcastro@eagle-enviro.com

<u>COA Type</u>	<u>Description</u>
0 COA	

**ATTACHMENT LIST**

<u>Att Doc Num</u>	<u>Name</u>
404062794	ANALYTICAL RESULTS
404062795	ANALYTICAL RESULTS
404062796	ANALYTICAL RESULTS
404062797	ANALYTICAL RESULTS
404062798	ANALYTICAL RESULTS
404062803	ANALYTICAL RESULTS
404062804	TOPOGRAPHIC MAP
404062805	SOIL SAMPLE LOCATION MAP
404062806	SOIL SAMPLE LOCATION MAP
404062807	PHOTO DOCUMENTATION
404062808	OTHER
404062809	ANALYTICAL RESULTS
404062810	ANALYTICAL RESULTS
404062812	ANALYTICAL RESULTS

Total Attach: 14 Files

**General Comments**

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

Total: 0 comment(s)