

State of Colorado
Energy & Carbon Management Commission



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Document Number:

403996670

Date Received:

11/15/2024

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> | Phone Numbers |
| 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: 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: 40.254537 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): 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, 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:

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: 11/15/2024

| 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): 8 Width of Impact (feet): 6

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) 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>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 Knaufl

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

| COA Type | Description |
|-----------------|--|
| 1 COA | Pursuant to Rule 912.b.(6) Operator is required to submit a Form 19 Supplemental Report for the associated spill within 90 days of the spill date requesting closure pursuant to Rule 913.h and supported by adequate documentation to demonstrate that the Spill or Release has been fully cleaned up and complies with Table 915-1; or A Form 27 if any of the criteria listed in Rules 912.b.(6).B.i-iii apply. If Remediation will continue under an approved Form 27, the Operator will also submit a Form 19 – Supplemental which requests closure of the Spill or Release and includes the Remediation project number assigned by the Director. |

ATTACHMENT LIST

| Att Doc Num | Name |
|--------------------|------------------------------------|
| 403996670 | SPILL/RELEASE REPORT(SUPPLEMENTAL) |
| 403996834 | ANALYTICAL RESULTS |
| 403996835 | ANALYTICAL RESULTS |
| 403996836 | ANALYTICAL RESULTS |
| 403996837 | OTHER |
| 404013510 | FORM 19 SUBMITTED |

Total Attach: 6 Files

General Comments

| User Group | Comment | Comment Date |
|-------------------|----------------|---------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)