

State of Colorado
Energy & Carbon Management Commission



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Document Number:

404015794

Date Received:

12/05/2024

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:

Spill/Release Point ID:

OPERATOR INFORMATION

Name of Operator: <u>PDC ENERGY INC</u>	Operator No: <u>69175</u>	Phone Numbers
Address: <u>1099 18TH STREET SUITE 1500</u>		Phone: <u>(303) 860-5800</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>()</u>
Contact Person: <u>Karen Olsen</u>		Email: <u>karen.olson@chevron.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# 403979268

Initial Report Date: 11/01/2024 Date of Discovery: 09/05/2024 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR NENE SEC 5 TWP 1N RNG 63W MERIDIAN 6

Latitude: 40.087352 Longitude: -104.455257

Municipality (if within municipal boundaries): No 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: TANK BATTERY Facility/Location ID No 469636

Spill/Release Point Name: Dunham 41-5 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): Unknown

Estimated Condensate Spill Volume(bbl): Unknown

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: 50s and Cloudy

Surface Owner: FEE

Other(Specify): _____

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

Results for laboratory analytical data collected on September 5th, 2024, at the separator dump line for the Durham 41-5 tank battery exhibited an exceedance for Table 915. One soil sample, SEP01-DL-B, exceeded ECMC standards for 1-methylnaphthalene at 0.00880 mg/kg. Field observations did not observe soil staining or olfactory indicators, and sample re-analysis was requested by the contractor to confirm the exceedance. The laboratory analytical results for the re-analysis were non-detect. The exceedance for the sample collected on September 5th was brought to Chevron's attention and was subsequently confirmed on October 31, 2024. Chevron contacted the ECMC area supervisor, Kyle Waggoner immediately and started the notification/reporting process. Chevron completed the resampling of all separator sample points on 11/27. The analytical data confirmed that all separator sample points are non-detect for BTEXN, TMBs, TPH, and PAHs.

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
11/1/2024	CPW	Lexi Hamous-Miller - DNR	--	
11/1/2024	Surface Owner	N/A	--	
11/1/2024	Weld County	David Burns	--	
11/1/2024	Weld County	Jason Maxey	--	
11/1/2024	ECMC	Abdul Elnajdi	--	

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: n/a Public Water System: n/a
 Residence or Occupied Structure: n/a Livestock: n/a
 Wildlife: n/a Publicly-Maintained Road: n/a

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: 12/04/2024

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	_____	_____	<input checked="" type="checkbox"/>
CONDENSATE	_____	_____	<input checked="" type="checkbox"/>
PRODUCED WATER	_____	_____	<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? NO 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): 1 Width of Impact (feet): 1

Depth of Impact (feet BGS): 1 Depth of Impact (inches BGS): _____

How was extent determined?

The suspected spill did not occur and was determined to be below Rule 912.b reporting thresholds.

Soil/Geology Description:

Silty Sand

Depth to Groundwater (feet BGS) 34 Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest

Water Well	<u>1275</u>	None <input type="checkbox"/>	Surface Water	<u>25</u>	None <input type="checkbox"/>
Wetlands	<u>215</u>	None <input type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	<u>1555</u>	None <input type="checkbox"/>	Occupied Building	<u>1322</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

No additional spill details

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 12/04/2024

Root Cause of Spill/Release Unknown (Historical)

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)

Historical impacts were discovered during tank battery decommissioning activities at the separator dump line. Chevron completed the resampling of all separator sample points. The analytical data confirmed that all separator sample points are non-detect for BTEXN, TMBs, TPH, and PAHs. The suspected spill did not occur and was determined to be below Rule 912.b reporting thresholds.

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

PDC conducts routine AVO inspections of all oil and gas facilities in order to identify and mitigate potential releases. Further, this facility is no longer active and is in the process of being decommissioned. The separator and dump line have been taken out of service and there is no longer a possibility of a release originating from this infrastructure.

Volume of Soil Excavated (cubic yards): 0

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:

All separator sample points were submitted for full extent of Table 915-1. The analytical data for EC, SAR, pH, metals, and boron will be included on the forthcoming supplemental form 27.

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

Signed: _____ Print Name: Jennifer Skweres

Title: Environmental Specialist Date: 12/05/2024 Email: jskweres@tasman-geo.com

COA Type**Description**

0 COA	

ATTACHMENT LIST**Att Doc Num****Name**

404015901	ANALYTICAL RESULTS
404015902	OTHER

Total Attach: 2 Files

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)