

State of Colorado
Energy & Carbon Management Commission

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Document Number:

403851929

Date Received:

07/11/2024

Spill report taken by:

Robinson, Taylor

Spill/Release Point ID:

486753

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>PDC ENERGY INC</u>	Operator No: <u>69175</u>	Phone Numbers
Address: <u>1099 18TH STREET SUITE 1500</u>		Phone: <u>(970) 313-5582</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>()</u>
Contact Person: <u>Karen Olson</u>		Email: <u>FRspillremediationcontractor@pdce.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# 403764667

Initial Report Date: 04/22/2024 Date of Discovery: 04/20/2024 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NWNW SEC 1 TWP 3N RNG 68W MERIDIAN 6

Latitude: 40.259941 Longitude: -104.959740

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 452180

Spill/Release Point Name: Wilson IC Pad 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: CROP LAND _____

Other(Specify): _____

Weather Condition: Sunny, 70 degrees F _____

Surface Owner: FEE _____

Other(Specify): _____

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

An unknown amount of an oil/water fluid mix daylighted from the subsurface from a buried dump line. The facility has been shut-in and clean-up and delineation operations are underway.

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>
4/22/2024	ECMC	Taylor Robinson	--	
4/22/2024	Weld County	David Burns	--	
4/22/2024	Weld County	Jason Maxey	--	
4/22/2024	Surface Owner	NA	--	

REPORT CRITERIA

Rule 912.b.(1) Report to the Director (select all criteria that apply):

Yes 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: Threatened to Impact 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? _____

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.): 120

Yes 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: 07/11/2024

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): 10 Width of Impact (feet): 20

Depth of Impact (feet BGS): 22 Depth of Impact (inches BGS): _____

How was extent determined?

The vertical and horizontal extent of contamination was initially investigated via hydro excavation based on visual and olfactory observations. Seven groundwater monitoring wells were installed and soil samples from each boring were collected and submitted to Summit Scientific Inc. in Golden, Colorado and Origins Laboratory in Denver, Colorado and analyzed for ECMC Table 915-1 constituents. Groundwater samples were also submitted for analysis and demonstrated exceedances in all samples. Thus, the extent of contamination has not been determined and further delineation is required. Further investigation shall be conducted in Q3 of 2024 and reported under a Form 27.

Soil/Geology Description:

Silty Sands

Depth to Groundwater (feet BGS) 19 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well	<u>2987</u>	None <input type="checkbox"/>	Surface Water	<u>891</u>	None <input type="checkbox"/>
Wetlands	<u>891</u>	None <input type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

No additional spill details.

CORRECTIVE ACTIONS#1 Supplemental Report Date: 07/11/2024Root Cause of Spill/Release Equipment Failure

Other (specify) _____

Type of Equipment at Point of Spill/Release: Other

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

Compressor drain line.

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

The root cause of the release was due to a crack in the threads of a connection of the drain line on the compressor skid. Normal wear and tear and vibration caused by the compressor caused the line to crack.

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

In effort to prevent this issue from reoccurring, PDC replaced the drain line with Schedule 80 piping designed to withstand the pressure and vibration caused by the compressor. In addition, PDC installed a pipe stand beneath the pipe to add bracing and help mitigate potential future damage.

Volume of Soil Excavated (cubic yards): 120Disposition of Excavated Soil (attach documentation) Offsite Disposal Onsite Treatment Other (specify) _____Volume of Impacted Ground Water Removed (bbls): 0Volume 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: 36144 SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.**OPERATOR COMMENTS:**

PDC requests closure of this Spill/Release Point ID: 486753 and transfer to Remediation Project #36144 as assigned in Initial Form 27, document # 403848534.

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

Signed: _____ Print Name: Michelle Bartoszek

Title: HSE Advisor Date: 07/11/2024 Email: michelle.bartoszek@chevron.com

COA Type

Description

	Quarterly reporting (90 days) is required under Remediation Project #36144. Operator shall include the Spill ID associated with this form on the subsequent Supplemental Form 27 and select Rule 913.c.(3): Remediation of Spill and Releases pursuant to Rule 912 in addition to the previous Rule selection.
1 COA	

ATTACHMENT LIST

Att Doc Num

Name

403851929	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403852088	SITE INVESTIGATION PLAN
403873872	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)