

State of Colorado
Energy & Carbon Management Commission



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Date Received:

03/07/2024

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:

CANFIELD, CHRIS

Spill/Release Point ID:

485755

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>Jason Davidson</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# 403619421

Initial Report Date: 12/08/2023 Date of Discovery: 12/07/2023 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SESE SEC 31 TWP 3N RNG 63W MERIDIAN 6

Latitude: 40.175433 Longitude: -104.472608

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 434637

Spill/Release Point Name: Guttersen 31T-221 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 and <1

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

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: 40s and sunny

Surface Owner: FEE Other(Specify): _____

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

PDC discovered a reportable spill at the Gutteresen 31T-221, 40.174874, -104.472516 at the tanks. The source of the spill has been controlled and was inside containment. The volume of the spill was less than 1 bbl inside containment but high winds caused misting to travel off-site. Spill clean-up and delineation activities 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>
12/7/2023	Weld County	OEM	-	
12/7/2023	ECMC	Chris Canfield	-	
12/7/2023	Landowner	Landowner	-	

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

No	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.
Yes	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 checked="" 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: <u>03/04/2024</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>1</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>0</u>	<u>0</u>	<input 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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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) <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>90</u>		Width of Impact (feet): <u>20</u>	
Depth of Impact (feet BGS): <u>0</u>		Depth of Impact (inches BGS): <u>3</u>	
How was extent determined?			
PID field screening and laboratory analysis of soil.			
Soil/Geology Description:			
GW and SP			
Depth to Groundwater (feet BGS) <u>12</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>4749</u> None <input type="checkbox"/>	Surface Water <u>4205</u> None <input type="checkbox"/>
		Wetlands <u>3964</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
		Livestock _____ None <input checked="" type="checkbox"/>	Occupied Building _____ None <input checked="" type="checkbox"/>
Additional Spill Details Not Provided Above:			
Refer to the attached Fremont Environmental Excavation Report			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/04/2024

Root 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:

Aboveground storage tank

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

During a well unloading event, produced fluids were sent to the production tank at an increased rate causing the fluid to mist out of the top of the tank. High winds carried misted fluid off location.

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

Operational (well unloading) procedures were reviewed with the personnel involved.

Volume of Soil Excavated (cubic yards): 6

Disposition of Excavated Soil (attach documentation) [X] 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: [X] Corrective Actions Completed (documentation attached, check all that apply) [X] Horizontal and Vertical extents of impacts have been delineated. [X] Documentation of compliance with Table 915-1 is attached. [X] 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:

Final clean-up confirmation samples were analyzed for the complete ECMC Table 915-1 constituent suite. Table 915-1 organic constituents achieved their respective PGWSSLs. Soil suitability standards for pH, SAR, and Boron and Table 915-1 metals are compliant with their respective Table 915-1 standards with consideration of background data. Six cubic yards of impacted soil were removed and disposed of at a licensed disposal facility.

Since all Table 915-1 constituents have been adequately resolved, PDC requests that a no further action determination be provided by ECMC for this Site.

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

Signed: Print Name: Jason Davidson

Title: Remediation Advisor Date: 03/07/2024 Email: FRspillremediationcontractor@pdce.com

COA Type**Description**

0 COA	

Attachment List**Att Doc Num****Name**

403709715	REMEDATION MEASURES
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Total Attach: 1 Files

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

		Stamp Upon Approval
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Total: 0 comment(s)