

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:

404140801

Date Received:

04/02/2025

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:

Ahmadian, Alexander

Spill/Release Point ID:

488985

OPERATOR INFORMATION

Name of Operator: <u>PETRO OPERATING COMPANY LLC</u>	Operator No: <u>10583</u>	Phone Numbers
Address: <u>9033 E EASTER PLACE SUITE 112</u>		Phone: <u>(713) 408-7174</u>
City: <u>CENTENNIAL</u> State: <u>CO</u> Zip: <u>80112-2105</u>		Mobile: <u>()</u>
Contact Person: <u>Alex Corey</u>		Email: <u>alex.corey@iptwell.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# 404051356

Initial Report Date: 01/08/2025 Date of Discovery: 01/08/2025 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NESE SEC 2 TWP 1S RNG 66W MERIDIAN 6

Latitude: 39.994142 Longitude: -104.734264

Municipality (if within municipal boundaries): Brighton County: ADAMS

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 458074

Spill/Release Point Name: BEF Pad LACT Unit 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): >=5 and <100 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: Sunny, below freezing, snow packed

Surface Owner: FEE Other(Specify): Joel Farkas and Bromley Park Metropolitan District

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

At approximately 3am, the valve on the LACT feed line from the surge tank broke apart due to freezing water. Petro Operating's contractor discovered the leak at 5am and immediately shut in the production and isolated the leak. Approximately 70 bbls of oil was released; 65 bbls of oil within secondary containment and approximately and ~5bbls outside of containment. Hdyrovac trucks were able to remove all free liquids along with hydrocarbon impacted soils and misted snowpack was immediately removed and disposed of properly.

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>
1/8/2025	Bromley Park Metro District #2	Paula Williams	303-592-4380	Phone Call
1/8/2025	Adams County	Greg Dean	-	Email
1/8/2025	ECMC	Alex Fisher	-	Email
1/8/2025	City of Brighton	Holly Prather	-	Email
1/8/2025	Surface Owner	Joel Farkas	303-909-4076	Phone Call

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.

Yes 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.): 231

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.

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: <u>04/02/2025</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>70</u>	<u>70</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>117</u>	
		Width of Impact (feet): <u>44</u>	
Depth of Impact (feet BGS): <u>7</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
Extent was measured by utilizing a measuring tape. Amount of oil released was determined by the tank gauge; hdyrovac trucks were able to remove all free liquids along with hydrocarbon impacted soils and misted snowpack was immediately removed and disposed of properly. Excavation was conducted at areas within the secondary containment and areas where oil outside containment pooled within the sediment trap; approximately 239 cubic yards of impacted soil was removed and properly disposed of.			
Initial confirmation samples were collected on 2/10/2025. Analytical results indicated impacts remained at SP-13 @ 6" (TPH 589.34). Additional excavation was conducted at SP-13, with confirmation samples collected on 2/27/2025.			
Initial confirmation samples exceeded pH at SP-06 @ 6", SP-22 @ 4', SP-23 @ 4', SP-24 @ 4'. Petro identified that Elevation Laboratory did not run the initial samples for pH per Table 915-1 footnote 2 saturated paste preparation methods. Petro collected additional samples at these locations at the same depths on 3/13/2025 and had Elevation run the analysis per the approved method. Analytical results indicate all impacted soils were removed and all samples are compliant with Table 915-1.			
Soil/Geology Description:			
<u>Ascalon Sandy Loam, NCRS Rating SM</u>			

Depth to Groundwater (feet BGS) 40 Number Water Wells within 1/2 mile radius: 12
 If less than 1 mile, distance in feet to nearest Water Well 221 None Surface Water None
 Wetlands None Springs 55 None
 Livestock None Occupied Building 634 None

Additional Spill Details Not Provided Above:

Water Well (Permit No. 295123).
 Water Well (Permit No. 59726-MH) was constructed as a Vapor Monitor Well; well is dry.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/02/2025

Root Cause of Spill/Release Pipe, Weld, or Joint Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Other

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

LACT feed line from the surge tank

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

At approximately 3am, the valve on the LACT feed line from the surge tank broke apart due to freezing water. Petro Operating's contractor discovered the leak at 5am and immediately shut in the production and isolated the leak. Approximately 70 bbls of oil was released, this was determined by the tank gauge; 65 bbls of oil within secondary containment and approximately and 5 bbls outside of containment. Hdyrovac trucks were able to remove all free liquids along with hydrocarbon impacted soils and misted snowpack was immediately removed and disposed of properly. Excavation was conducted at areas within the secondary containment and areas where oil outside containment pooled within the sediment trap; approximately 239 cubic yards of impacted soil was removed and properly disposed of.

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

The valve was replaced with a 3000lb collar with a 6000lb plug to prevent future failures.

Volume of Soil Excavated (cubic yards): 239

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:

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

Signed: _____ Print Name: Amber Barnett

Title: Compliance Specialist Date: 04/02/2025 Email: abarnett@ardorenvironmental.com

COA Type

Description

	<p>Based on the information presented, it appears that no further action is necessary at this time and the ECMC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding ECMC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required. In addition, the surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules.</p> <p>For locations with active ongoing oil and gas operations, comply with Rule 1003 interim reclamation requirements.</p>
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1 COA

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
404140801	SPILL/RELEASE REPORT(SUPPLEMENTAL)
404140873	ANALYTICAL RESULTS
404140875	ANALYTICAL RESULTS
404140877	ANALYTICAL RESULTS
404140878	ANALYTICAL DATA SUMMARY TABLE(S)
404140882	PHOTO DOCUMENTATION
404148530	SOIL SAMPLE LOCATION MAP
404150431	DISPOSAL MANIFEST
404167846	FORM 19 SUBMITTED

Total Attach: 9 Files

General Comments

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

Total: 0 comment(s)