

State of Colorado  
Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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Document Number:

404296862

Date Received:

07/28/2025

Spill report taken by:

Sanchez, Chris

Spill/Release Point ID:

488212

### 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: POLARIS PRODUCTION OPCO LLC	Operator No: 10793	<b>Phone Numbers</b>
Address: 100 GLENBOROUGH DR SUITE 442		Phone: (346) 4443321
City: HOUSTON State: TX Zip: 77067		Mobile: ( )
Contact Person: Greg Wachel		Email: gwachel@fortify.energy

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# 403955045

Initial Report Date: 10/11/2024 Date of Discovery: 10/11/2024 Spill Type: Recent Spill

#### Spill/Release Point Location:

QTRQTR Lot 2 SEC 15 TWP 6S RNG 54W MERIDIAN 6

Latitude: 39.534110 Longitude: -103.419360

Municipality (if within municipal boundaries): County: LINCOLN

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 484438

Spill/Release Point Name: Arikaree Creek SWD 1 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): >=5 and <100

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=100

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: OTHER

Other(Specify): Tank battery

Weather Condition: sunny and clear

Surface Owner: FEE

Other(Specify): \_\_\_\_\_

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

Safety system computer failure cause the SWD pump to shut down and no alarms to be sent for high tank levels. The SW tanks overflowed as the wells were still producing and all oil and water was contained within the firewall around the tank battery. Brad Smith found the leak 6:30am when he got to the field. Vacuum trucks and trash pumps recovered all spilled fluids from the firewall.

A liner integrity inspection was performed on 7/2/2025 which identified stained soil / pea gravel outside containment, stained pea gravel and tank staining inside containment, and several areas of damage to the lined containment.

As of 7/25/2025, the source of the release was repaired, stained soil / pea gravel outside containment was removed, impacted pea gravel was removed from within the lined containment, and tank battery infrastructure within the lined containment was cleaned to remove residual impacts.

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

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
10/11/2024	ECMC	Brian Welsh	719-3256919	Left voicemail message

**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? \_\_\_\_\_

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.
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.  <input 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>07/28/2025</u>		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>65</u>	<u>65</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>250</u>	<u>250</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>YES</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
Impacted Media (Check all that apply) <input 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>70</u>		Width of Impact (feet): <u>60</u>	
Depth of Impact (feet BGS): <u>0</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
Completely contained within lined and walled firewall containment which is 60' by 70'			
Soil/Geology Description:			
The shallow geology consists of Quaternary aged alluvium and loess overlying the Tertiary aged Ogallala Formation which serves as the primary aquifer in this area. The soil at the site is classified as Weld silt loam.			
Depth to Groundwater (feet BGS) <u>130</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>5176</u> None <input type="checkbox"/>	Surface Water <u>1338</u> None <input type="checkbox"/>
		Wetlands _____ None <input checked="" 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:			
No spilled fluids left containment. The Depth to Groundwater is estimated based on the depth of water well owned by Polaris. The water well is located at the field office 2090 feet south. The surface water above is the dry bed of the North Fork Arikaree River and is 1338 feet to the south.			

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 07/28/2025

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:

Water storage tanks

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

The safety system computer failed causing the SWD pump to shut down and no alarms to be sent out. The tanks overflowed after the SWD pump shut down and was contained within secondary containment.

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

The safety system computer was replaced and tested by SitePro, the owner of the system. Soil samples will be collected from identified areas outside of containment and within containment where liner damage was identified. Please refer to Document #404295909 and associated attachments for more information on the site investigation and remediation workplan activities.

Volume of Soil Excavated (cubic yards): 18

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: [ ] 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. [X] Work proceeding under an approved Form 27 (Rule 912.c). Form 27 Remediation Project No: 41783 [ ] SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

The landowner was notified via phone call on 10/22/2024. Ty Stogsdill with Lincoln County was notified via email on 10/22/2024. Form 19 supplemental was late due to operator misunderstanding of requirements. Operator has retained consulting firm to prevent late reporting in the future.

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

Signed: Department Manager Print Name: Devin Girtin, P.G. Title: Department Manager Date: 07/28/2025 Email: dgirtin@cdhconsult.com

**COA Type****Description**

	Closure request is granted, Spill Remediation for Spill ID 488212 will proceed under Remediation # 41783. Operator shall provide Quarterly Updates for Remediation Project. All previously assigned COAs shall apply to Remediation # 41783
	ECMC updated the spill coordinates to reflect spill coordinates provided in Form 27-i doc # 404295909  Going forward the Operator shall provide the correct spill location/Latitude and Longitude for spill/release point.
2 COAs	

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

404296862	SPILL/RELEASE REPORT(SUPPLEMENTAL)
404296908	SITE MAP
404296913	PHOTO DOCUMENTATION
404297271	FORM 19 SUBMITTED

Total Attach: 4 Files

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

		Stamp Upon Approval
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Total: 0 comment(s)