

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:

403963996

Date Received:

10/21/2024

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: <u>POLARIS PRODUCTION OPCO LLC</u>	Operator No: <u>10793</u>	Phone Numbers
Address: <u>100 GLENBOROUGH DR SUITE 442</u>		Phone: <u>(713) 4443321</u>
City: <u>HOUSTON</u>	State: <u>TX</u>	Mobile: <u>()</u>
Zip: <u>77067</u>		Email: <u>gwachel@fortify.energy</u>
Contact Person: <u>Greg Wachel</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 REPORTInitial 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 6Latitude: 39.534169 Longitude: -103.419473Municipality (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 484438Spill/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 <100Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=100Estimated Other E&P Waste Spill Volume(bbl): 0Estimated 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: OTHEROther(Specify): Tank battery

Weather Condition: sunny and clear

Surface Owner: FEEOther(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. Landowner was notified on the day of discovery.

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 daylights 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: 10/21/2024		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	65	65	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	250	250	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0	0	<input type="checkbox"/>

specify: _____

Was spill/release completely contained within berms or secondary containment? YES 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): 70 Width of Impact (feet): 60

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): _____

How was extent determined?

completely contained within our 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.

Depth to Groundwater (feet BGS) 130 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest Water Well 2090 None ☐ Surface Water 1220 None ☐

Wetlands _____ None ☒ Springs _____ None ☒

Livestock _____ None ☒ Occupied Building _____ None ☒

Additional Spill Details Not Provided Above:

No spilled fluids left containment. The Depth to Groundwater is estimated based on the depth of our water well. The water well is located at the field office 2090' South. The surface water above is the dry bed of Arikaree Creek and is 1220' to the South.

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 10/21/2024
Root Cause of Spill/Release <u>Equipment Failure</u>	
Other (specify) _____	
Type of Equipment at Point of Spill/Release: <u>Other</u>	
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. We are testing the pea gravel that was removed from within the lined and walled containment area and will submit the testing and manifest after receipt.	
Volume of Soil Excavated (cubic yards): <u>0</u>	
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal Onsite Treatment	
<input type="checkbox"/> Other (specify) _____	
Volume of Impacted Ground Water Removed (bbls): <u>0</u>	
Volume of Impacted Surface Water Removed (bbls): <u>0</u>	

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: <u>Greg Wachel</u>
Title: <u>COO</u>	Date: <u>10/21/2024</u> Email: <u>gwachel@fortify.energy</u>

<u>COA Type</u>	<u>Description</u>
	Operator did not report if local government, and surface owner were notified as required by Rule 912.b. (2).B. Operator shall submit documentation of notification with the next Supplemental Form 19. Operator shall provide correspondence to Local Government and Surface Owner in the next supplemental Form Filing.
	Supporting documentation on the next Form 19 shall include verification of the secondary containment liner integrity. If the liner integrity has been compromised, confirmation soil samples to document impacts to soil in the spill area will be required.
2 COAs	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403963996	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403965132	PHOTO DOCUMENTATION
403965584	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)