

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:

403932395

Date Received:

09/24/2024

Spill report taken by:

Ahmadian, Alexander

Spill/Release Point ID:

487976

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>PETROSHARE CORPORATION</u>	Operator No: <u>10454</u>	Phone Numbers
Address: <u>9635 MAROON CIRCLE #400</u>		Phone: <u>(303) 894-2100</u>
City: <u>ENGLEWOOD</u> State: <u>CO</u> Zip: <u>80112</u>		Mobile: <u>(303) 905-5341</u>
Contact Person: <u>James Hix - East OWP EPS</u>		Email: <u>james.hix@state.co.us</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# 403925457

Initial Report Date: 09/18/2024 Date of Discovery: 09/17/2024 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR SESW SEC 3 TWP 2S RNG 63W MERIDIAN 6

Latitude: 39.899300 Longitude: -104.425725

Municipality (if within municipal boundaries): _____ 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 _____

Spill/Release Point Name: Kalcevic 24-3 PJ Base Well API No. (Only if the reference facility is well) 05-001-08506

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): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): 0

Estimated Other E&P Waste Spill Volume(bbl): >=1 and <5 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: E&P Waste under pumpjack base.

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: Overcast

Surface Owner: FEE

Other(Specify): _____

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

Well was PA by operator (PETROSHARE CORPORATION - 10454) in April 2018. The Kalcevic #24-3 location (Location ID #320220) is in the ECMC Orphaned Well Program. Flowline removal was performed in September 2022. There were no E&P Waste impacts noted during the flowline removal. The pump jack base was removed prior to site reclamation in September 2024. Impacted soil was discovered underneath the concrete slab that appears to be related to the pump jack engine.

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>
9/18/2024	Adams County	Greg Dean	720-523-6891	"Again!? of course Thank You again"

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: _____

Yes 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.

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>09/24/2024</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	_____	0	<input checked="" type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	_____	0	<input checked="" type="checkbox"/>
specify: <u>Impacted soils beneath the slab appear to be related to the pump jack engine.</u>			
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 & 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>25</u>		Width of Impact (feet): <u>10</u>	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): <u>6</u>	
How was extent determined?			
The extent was determined visually. Approximately 5 cubic yards of impacted soils were excavated and removed. Confirmation soil samples will be collected at a future date and results submitted on a Form 19 Supplemental within 90 days from receipt.			
Soil/Geology Description:			
NRCS Soil Description: Loamy alluvial land, Map Unit Symbol (Lu), USCS type: ML or CL = loam, silt loam, clay loam overlying stratified loam and sand and gravel (ML/SP/GP). Geology: Quaternary Gravels & Alluviums (Pinedale & Bull Lake Age) Map Unit Qg, unconformably overlying bedrock of the Cretaceous age Denver Formation or lower part of the Dawson Arkose, Map Unit Symbol TKdl. Bedrock consists of fine-grained sandstone, carbonaceous shale and lignite facies - light-gray, hard, limy, fine-grained concretionary sandstone to soft, rusty sandstone.			
Depth to Groundwater (feet BGS) <u>64</u>		Number Water Wells within 1/2 mile radius: <u>7</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>1940</u> None <input type="checkbox"/>	Surface Water <u>200</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 <u>1280</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			
Stained soils were discovered beneath the pump jack slab in September 2024 in preparation for site reclamation. Flowline removal in September 2022 did not identify any impacted soils (See Remediation Project #26793, Site Investigation Report (Doc #403288261)) Stained soils appear related to the pump jack engine. Approximately 5 cubic yards of stained soils were scraped up from beneath the pump jack slab.			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/24/2024

Root Cause of Spill/Release Unknown (Historical)

Other (specify)

Type of Equipment at Point of Spill/Release: Other

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

Pump Jack Concrete Slab - pump jack was removed.

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

Impacted soils were discovered beneath the concrete slab following removal for site reclamation. The impacted soils appear to be related to the former pump jack engine.

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

Impacted soil was scraped up and waste characterization samples will be collected for off-site disposal. Site confirmation soil samples will be collected from the impacted area beneath the former slab and submitted for analysis of Table 915-1 organic analyses.

Volume of Soil Excavated (cubic yards): 5

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. [] 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:

The former PETROSHARE CORPORATION - 10454 assets are in the ECMC Orphaned Well Program ("OWP"). Petroshare Corporation plugged and abandoned (PA) the (UPRR) KALCEVIC #24-3 oil and gas well (API #05-001-08506) with a status date of 04/20/2018. The concrete pump jack slab remained on location (Location ID #320220) following the PA. The OWP oversaw flowline decommissioning to the remote tank battery in September 2022. A site investigation report January 10, 2023 (Doc #403288261) presented the findings of the flowline decommissioning and closure checklist. Field observation and screening did not indicate E&P Waste impacts or failure along the flowline trench. Impacted soils were discovered in September 2024 following removal of the concrete slab during site reclamation. Approximately 5 cubic yards of impacted soils apparently related to the former pump jack engine were scraped up for off-site disposal. Soil samples will be collected to characterize the waste and confirmation soil samples collected from the area of impact. Soil samples will be submitted to an accredited environmental laboratory for analysis of complete Table 915-1 parameters to confirm that the impacts have been removed and/or meet Table 915-1 concentrations or levels. Sample results will be submitted on a Form 19 Supplemental Report within 90 days of receipt.

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

Signed: Print Name: James Hix Title: East OWP EPS Date: 09/24/2024 Email: james.hix@state.co.us

COA Type**Description**

0 COA	

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

403932532	PHOTO DOCUMENTATION
403932592	TOPOGRAPHIC MAP
403932594	SITE MAP
403933225	CORRESPONDENCE

Total Attach: 4 Files

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

		Stamp Upon Approval
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Total: 0 comment(s)