

State of Colorado
Energy & Carbon Management Commission

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Document Number:

403694398

Date Received:

02/22/2024

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

484683

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC 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# 403401126

Initial Report Date: 05/11/2023 Date of Discovery: 10/26/2022 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR SWNE SEC 20 TWP 6S RNG 64W MERIDIAN 6

Latitude: 39.515431 Longitude: -104.576882

Municipality (if within municipal boundaries): _____ County: ELBERT

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Form 19 Supplemental -- Checkbox defaults to value submitted on the most recent Form 19 submitted for the facility, but checkbox value may be changed by the user.

Reference Location:

Facility Type: WELL Facility/Location ID No 322183
 Spill/Release Point Name: _____ 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): <u>Unknown</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>Unknown</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: _____

Has the subject Spill/Release been controlled at the time of reporting? Yes

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): Rangeland
 Weather Condition: Sunny, Warm - High Temp 58 Low 37
 Surface Owner: FEE Other(Specify): Shirers Hospital for Children

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

Historic spill/release was discovered during well plugging - cut and cap activities at the Nordman Trust 32-20 (OWP). Attempts to contact Shriner's Hospital for Children unsuccessful.

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
10/27/2023			-	

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? _____

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.): _____ 20

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

Yes 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: <u>02/21/2024</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	_____	_____	0 <input checked="" type="checkbox"/>
CONDENSATE	_____	_____	0 <input type="checkbox"/>
PRODUCED WATER	_____	_____	0 <input checked="" type="checkbox"/>
DRILLING FLUID	_____	_____	0 <input type="checkbox"/>
FLOW BACK FLUID	_____	_____	0 <input type="checkbox"/>
OTHER E&P WASTE	_____	_____	0 <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>100</u>		Width of Impact (feet): <u>95</u>	
Depth of Impact (feet BGS): <u>8</u>		Depth of Impact (inches BGS): <u>96</u>	
How was extent determined?			
Visually, Field Screening, and Sampling & Analysis following plugging and abandonment.			
Soil/Geology Description:			
Soil: Bresser sandy loam (SM or SC), (Map Unit 6) 4 to 8 percent slopes, Geology: Tertiary White River Formation or Group			
Depth to Groundwater (feet BGS) <u>150</u>		Number Water Wells within 1/2 mile radius: <u>2</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>1755</u> None <input type="checkbox"/>	
		Surface Water <u>480</u> None <input type="checkbox"/>	
		Wetlands <u>605</u> None <input type="checkbox"/>	
		Springs _____ None <input checked="" type="checkbox"/>	
		Livestock <u>0</u> None <input type="checkbox"/>	
		Occupied Building <u>2423</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			
According to Elbert County Assessor's Records, Surface is owned by Shriner's Hospital for Children, Tampa, Florida. Attempts to contact persons with Shriner's Hospital for Children were unsuccessful. Contacted Freund & Company - Running Creek Ranch. Contacted Elbert County Emergency Management left voice messages. DWR Permit # 54264, TD = 150 ft, ~1755 ft NW, NWI Mapped Riverine Wetland ~605 ft NW; unnamed intermittent drainage. CPW Mapped HPH: Pronghorn Winter Concentration area			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/21/2024

Root Cause of Spill/Release Unknown (Historical)

Other (specify)

Type of Equipment at Point of Spill/Release: Wellhead Line

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

Empty text box for specifying other equipment details.

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

Historic release at Wellhead.

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

Nordman Trust 32-20 (OWP) was plugged and abandoned (10/26/2022). Additional site investigation and remediation are required to meet Table 915-1 cleanup objectives.

Volume of Soil Excavated (cubic yards): 0

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. [X] Work proceeding under an approved Form 27 (Rule 912.c). Form 27 Remediation Project No: 24406 [] SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

The PETROSHARE CORPORATION - 10454 NORDMAN TRUST #32-20 (OWP) (API #05-039-06502; Location ID#322183) is in the ECMC Orphaned Well Program. Attempts to contact the surface owner - Shriner's Hospital for Children were unsuccessful. A historic release was discovered at the time the well was plugged and abandoned (10/26/2022). More than 10 cubic yards of E&P Waste impacted soils were encountered. Analytical results for the wellhead excavation floor sample, WHF-8 at 8 ft bgs, and flowline riser sample, FLN1-4.5 at 4.5 ft, had TPH results greater than 500 mg/kg. Depth to groundwater is estimated at 150 feet bgs. Additional site investigation and remediation will proceed under Remediation Project # 24406.

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: 02/22/2024 Email: james.hix@state.co.us

COA Type**Description**

COA Type	Description
0 COA	

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

Att Doc Num	Name
403694510	ANALYTICAL RESULTS

Total Attach: 1 Files

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

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)