

State of Colorado
Energy & Carbon Management Commission

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Document Number:

403798248

Date Received:

05/21/2024

Spill report taken by:

Heibel, Krystal

Spill/Release Point ID:

486356

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>FUNDARE RESOURCES OPERATING COMPANY LLC</u>	Operator No: <u>10773</u>	Phone Numbers
Address: <u>5251 DTC PKWY STE 950</u>		Phone: <u>(303) 910-4511</u>
City: <u>GREENWOOD VILLAGE</u>	State: <u>CO</u>	Zip: <u>80111</u>
Contact Person: <u>Sydney Smith</u>		Mobile: <u>()</u>
		Email: <u>ssmith@fundareresources.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# 403725588

Initial Report Date: 03/20/2024 Date of Discovery: 03/18/2024 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SESW SEC 36 TWP 10N RNG 60W MERIDIAN 6

Latitude: 40.786853 Longitude: -104.042650

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

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 430098

Spill/Release Point Name: Chruch 36-2523H Water Tank

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): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=5 and <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): Rangeland _____

Weather Condition: 50 degrees F. 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):

Fundare discovered the release from the Produced water tank drain line and closed in the tank valve. The Tank was drained, and a VacTruck was dispatched to remove free liquids. The release was contained within the berms, and excavation has begun to remove soil impacts.

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>
3/19/2024	Surface Owner		-	Submitted
3/20/2024	Weld County	Jason Maxey	-	Submitted

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>05/21/2024</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>10</u>	<u>8</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 & 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>10</u>		Width of Impact (feet): <u>10</u>	
Depth of Impact (feet BGS): <u>0</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
The extent of the impacts was determined visually. Remedial excavation to remove remaining soil impacts has begun. Soil confirmation samples will be collected and submitted in accordance with the 915 guidance.			
Soil/Geology Description:			
The surface of the soil (initial 3') is pad material mixed with Pea gravel. It transitions to silty sand mixed gravel, and then consolidated siltstone.			
Depth to Groundwater (feet BGS) <u>85</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>2496</u> None <input type="checkbox"/>	Surface Water _____ None <input checked="" 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:			
There are no residence or habitable structures within a quarter mile of the release area. There are no roads within a quarter mile, only the lease road which is 101' North of the Release location. There are two mapped domestic water wells nearby, the closest of the two is 2496' Northeast of the release location. The release did not occur within any mapped high priority habitat. DWR data from the well to the Northeast indicates groundwater depth is around 85'.			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 05/21/2024

Root Cause of Spill/Release Corrosion
 Other (specify) _____

Type of Equipment at Point of Spill/Release: Dump Line
 If "Other" selected above, specify or describe here:

Describe Incident & Root Cause (include specific equipment and point of failure)
 The root cause of the incident was corrosion in the 6 o'clock position on the carbon steel fitting of the drain line.

Describe measures taken to prevent the problem(s) from reoccurring:
 The valve and fittings were replaced with new to eliminate the reoccurrence.

Volume of Soil Excavated (cubic yards): 6

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: 35362
 - SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

This form 19 closure request is being submitted to close out the form 19s and transfer to form 27 remediation updates. All updates on remedial progress will be provided in a supplemental form 27. Addressing ECMC comment in regards to background locations, the background locations were chosen to best represent similar depth, soil horizon, and soil composition. All Backgrounds collected were collected at greater than 25' from the excavation location and in areas where no historical evidence of a release was present. Background samples were collected within the same soil horizon and same soil composition as confirmation soil samples.

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

Signed: _____ Print Name: Sydney Smith
 Title: Director EHSR Date: 05/21/2024 Email: ssmith@fundareresources.com

COA Type**Description**

0 COA	

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

403798248	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403798352	SITE MAP
403798356	TOPOGRAPHIC MAP
403798594	FORM 19 SUBMITTED

Total Attach: 4 Files

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

Environmental	Quarterly reporting (90 days) is required under Remediation Project #35362. Operator shall include the Spill ID associated with this form on the subsequent Supplemental Form 27 and select Rule 913.c.(3): Remediation of Spill and Releases pursuant to Rule 912 in addition to the previous Rule selection.	05/21/2024
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Total: 1 comment(s)