

## State of Colorado

## Energy &amp; Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403469663

Date Received:

07/19/2023

Spill report taken by:

Waggoner, Kyle

Spill/Release Point ID:

484269

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

☐ 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# 403368516

Initial Report Date: 04/08/2023 Date of Discovery: 04/07/2023 Spill Type: Recent Spill

## Spill/Release Point Location:

QTRQTR SWSW SEC 35 TWP 10N RNG 59W MERIDIAN 6

Latitude: 40.788114 Longitude: -103.952628

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.

## Reference Location:

Facility Type: WELL SITE

☐ Facility/Location ID No

Spill/Release Point Name: Wolf 35-2613H

☒ Well API No. (Only if the reference facility is well) 05-123-35499☐ No Existing Facility or Location ID No.

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): &gt;=1 and &lt;5

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

Estimated Other E&amp;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): Well Site

Weather Condition: Cloudy with snow

Surface Owner: FEE

Other(Specify):

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

A release occurred from the wellhead at the subject location. The cause of the release was determined to be due to a stuffing box failure. Approximately 3bbls was released outside of containment. The leak was isolated and a vac truck was dispatched to location to commence clean up.

**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>
4/8/2023	Surface Owner		-	Pending
4/8/2023	Weld County	OEM	-	Pending
4/8/2023	CPW	Brandon Marette	-	Pending

**REPORT CRITERIA**

**Rule 912.b.(1) Report to the Director (select all criteria that apply):**

Yes 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: n/a

Public Water System: n/a

Residence or Occupied Structure: n/a

Livestock: n/a

Wildlife: Threatened to Impact

Publicly-Maintained Road: n/a

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 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: 07/19/2023		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	3	3	<input 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	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, <b>including walls &amp; floor regardless of construction material</b>, 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 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>46</u>		Width of Impact (feet): <u>30</u>	
Depth of Impact (feet BGS): <u>4</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
The extent of the excavation was determined by soil confirmation sampling. Following multiple remedial excavation and sampling events, final extent confirmation samples were collected in accordance with COGCC 915-1 guidance, and were analyzed for full table 915-1 constituents. Soil samples BH-2 @ 4', and SW-7 & 8 @ 2', were analyzed for only inorganics, as initial sampling in these locations did not identify any trace of organics. Analytical results indicated all impacts have been removed below Table 915-1 and site specific background limits.			
Soil/Geology Description:			
Geology of the current soil at the site is heavily compacted sandy gravel, as the release has not impacted below the sites road base.			
Depth to Groundwater (feet BGS) <u>75</u>		Number Water Wells within 1/2 mile radius: <u>1</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>2392</u>	None <input type="checkbox"/>	Surface Water <u>627</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:			
There are no residence or habitable structures within a quarter mile of the release. There are no domestic water wells within a quarter mile of the release. There is a marked body of surface water 627' West of the release. CR 110 is 338' South of the release location. The release is within the Mule Deer Severe winter range buffer, and CPW has been notified. Groundwater at a depth of 75' bgs, combined with the consolidated siltstone geology, eliminates the pathway to groundwater at the site, defaulting the comparison limits to residential soil screening limits.			

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 07/19/2023

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:

Stuffing Box Failure

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

The root cause of the release was a failed gasket in the stuffing box, at the wellhead.

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

Increased Seal inspection and integrity testing

Volume of Soil Excavated (cubic yards): 25

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

## OPERATOR COMMENTS:

Following multiple remedial excavation and sampling events, final extent confirmation samples were collected in accordance with COGCC 915-1 guidance, and were analyzed for full table 915-1 constituents. Soil samples BH-2 @ 4', and SW-7 & 8 @ 2', were analyzed for only inorganics, as initial sampling in these locations did not identify any trace of organics. Analytical results indicated all impacts have been removed below Table 915-1 and site specific background limits. Fundare is requesting closure and NFA. Upon approval the site will be backfilled and reclaimed in accordance with the 1003 reclamation rules.

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: 07/19/2023 Email: ssmith@fundareresources.com

<u>COA Type</u>	<u>Description</u>
0 COA	

### **Attachment List**

<u>Att Doc Num</u>	<u>Name</u>
403469663	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403469692	SITE MAP
403469693	TOPOGRAPHIC MAP
403469698	SOIL SAMPLE LOCATION MAP
403469700	SOIL SAMPLE LOCATION MAP
403469720	ANALYTICAL RESULTS
403469721	ANALYTICAL RESULTS
403469722	ANALYTICAL RESULTS
403469723	ANALYTICAL RESULTS
403469724	ANALYTICAL RESULTS
403469725	ANALYTICAL RESULTS
403469731	OTHER
403484375	FORM 19 SUBMITTED

Total Attach: 13 Files

### **General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Based on the information presented, it appears that no further action is necessary at this time and the ECMC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding ECMC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required. In addition, the surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules.	07/24/2023

Total: 1 comment(s)