

State of Colorado
Energy & Carbon Management Commission

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Document Number:

403807052

Date Received:

05/30/2024

Spill report taken by:

NEIDEL, KRIS

Spill/Release Point ID:

486774

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>FULCRUM ENERGY OPERATING LLC</u>	Operator No: <u>10805</u>	Phone Numbers
Address: <u>240 SAINT PAUL STREET SUITE 502</u>		Phone: <u>(970) 896-5665</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80206</u>		Mobile: <u>()</u>
Contact Person: <u>Rikki Ross</u>		Email: <u>rikki.ross@fulcrumeo.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# 403795509

Initial Report Date: 05/17/2024 Date of Discovery: 05/16/2024 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NWNE SEC 7 TWP 7N RNG 80W MERIDIAN 6

Latitude: 40.598518 Longitude: -106.415608

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

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: Marr 0780 #1-6H31

Well API No. (Only if the reference facility is well) 05-057-06608

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): 0

Estimated Other E&P Waste Spill Volume(bbl): 0

Estimated Drilling Fluid Spill Volume(bbl): Unknown

Specify: 10.67 cubic yards

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: Partly cloudy and 66 degrees

Surface Owner: OTHER (SPECIFY)

Other(Specify): Grizzly Ranch

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

On 05/16/2024 at 12:30 pm an FEO Employee was conducting site inspections when he noticed what appeared to be a stain daylighting from the area of the Marr 4-6H31 well head. Notifications were made immediately. Upon further investigation the area around the well head appeared to be wet and had a slight smell of a hydrocarbon. The cover was removed, and the casing was full of what appeared to be drilling fluid. This is contained to a 6-foot cellar ring with a cement bottom. The contaminated soil will be removed, and the fluid will be sucked down to prevent future spills. All soil and liquids will be disposed properly. A blind flange will be installed to prevent any fluids from entering or exiting the well bore. WELL NAME WAS ORIGINALLY FILED AS THE MARR 0780 #1-6H31, HOWEVER, THE CORRECT WELL NAME IS MARR 0780 4-6H31.

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>
5/17/2024	Grizzly Ranch - TRK Properties	Kallen Kinzey	-	
5/17/2024	Jackson County	Samantha Martin	-	

REPORT CRITERIA

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

_____ 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: _____

_____ 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.

_____ 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.

_____ 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? _____

_____ 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.): _____

_____ 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 daylight from the subsurface.

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.

Areas offsite of Oil & Gas Location Off-Location Flowline right of way

Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.

Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:	05/29/2024		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	0	0	<input type="checkbox"/>	
PRODUCED WATER	0	0	<input type="checkbox"/>	
DRILLING FLUID	68	68	<input type="checkbox"/>	
FLOW BACK FLUID	0	0	<input type="checkbox"/>	
OTHER E&P WASTE	0	0	<input type="checkbox"/>	
specify: 10.67 cubic yards				
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): _____		Width of Impact (feet): _____		
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____		
How was extent determined?				
Visual observations				
Soil/Geology Description:				
According to the USDA Natural Resource Conservation Soil Survey, the spill area is made of two major soil types: Bosler sandy loam (Bs) and Girardot silty clay loam (Gn). The native composition of each soil type is:				
Bs -- (99.5%)				
H1 - 0 to 3 inches: sandy loam				
H2 - 3 to 15 inches: sandy clay loam				
H3 - 15 to 21 inches: sandy loam				
H4 - 21 to 60 inches: very gravelly loamy coarse sand				
Gn -- (.5%)				
H1 - 0 to 8 inches: silty clay loam				
H2 - 8 to 60 inches: sandy clay loam				
Depth to Groundwater (feet BGS) <u>140</u>		Number Water Wells within 1/2 mile radius: <u>3</u>		
If less than 1 mile, distance in feet to nearest	Water Well <u>605</u>	None <input type="checkbox"/>	Surface Water <u>1502</u>	None <input type="checkbox"/>
	Wetlands <u>1024</u>	None <input type="checkbox"/>	Springs _____	None <input checked="" type="checkbox"/>
	Livestock <u>500</u>	None <input type="checkbox"/>	Occupied Building <u>3152</u>	None <input type="checkbox"/>
Additional Spill Details Not Provided Above:				

WELL NAME WAS ORIGINALLY FILED AS THE MARR 0780 #1-6H31, HOWEVER, THE CORRECT WELL NAME IS MARR 0780 4-6H31. Spilled liquid has been cleaned up and contaminated soil was disposed of per regulations. Soil sampling and delineation have been completed.

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 horizontal and vertical extent of impacts around the Marr 0780 4-6H31 (northern most well location) were delineated on May 22, 2024. A hollow-stem soil auger via skid steer attachment was used to bore vertically in 5 locations in a radial pattern just outside the cellar. Borings were drilled down to 7 feet. Soil was screened through visual and odor observations, and also via PID and EC meters. Sample SS-02 showed slight indications of VOCs at 7 feet. The boring was further drilled down to 9 and 11 feet and no indication of impacts were observed. Two more borings were drilled north and east of SS-02, also down to 7 feet, and no indication of impacts were observed. Sample SS-02 has been submitted for characterization of impacts. Excavation will commence upon receipt of analytical results to remove impacted soil. Confirmation samples will be collected to verify removal of impacts and submitted for ECMC Table 915-1 constituents of concern.

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

Signed: _____ Print Name: Rikki Ross
 Title: EHS Field Advisor Date: 05/30/2024 Email: rikki.ross@fulcrumeo.com

COA Type	Description
	Spills open longer than 90 days require a Form 27.
	Results of sampling shall be submitted on a supplemental Form 19 within two weeks of receiving.
2 COAs	

ATTACHMENT LIST

Att Doc Num	Name
403807052	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403807623	SITE MAP
403807624	OTHER
403831639	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)