

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:

403649062

Date Received:

02/22/2024

Spill report taken by:

Waggoner, Kyle

Spill/Release Point ID:

485690

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: DESERT EAGLE OPERATING LLC	Operator No: 10797	Phone Numbers
Address: 17101 PRESTON RD SUITE 105		Phone: (214) 886-5098
City: DALLAS	State: TX	Zip: 75248
Contact Person: Wesley Marshall		Mobile: ()
		Email: WMarshall@prohelium.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# 403611848

Initial Report Date: 12/01/2023	Date of Discovery: 11/29/2023	Spill Type: Recent Spill
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Spill/Release Point Location:

QTRQTR SENW SEC 35 TWP 29S RNG 55W MERIDIAN 6

Latitude: 37.475420 Longitude: -103.547340

Municipality (if within municipal boundaries): County: LAS ANIMAS

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: WELL SITE ☒ Facility/Location ID No 484360

Spill/Release Point Name: Red Rocks 35-11 ☐ 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): 0
Estimated Other E&P Waste Spill Volume(bbl): Unknown	Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Has the subject Spill/Release been controlled at the time of reporting? No

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): Rangeland

Weather Condition: windy, dry, cold

Surface Owner: FEE

Other(Specify):

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

This well was air drilled and had no drilling mud, hydraulic fracturing, stimulation, or flowback. Wind blew an unknown amount of dry drill cuttings from the drill cuttings pile and out of the lined, bermed containment area on location. The only fluid used in drilling operations at the Red Rocks 35-11 well was fresh water for dust suppression and mixing cement. The drill cuttings observed outside the containment area were replaced back onto the containment area and then disposed in compliance with Rule 905.e.1 (A). The white substance observed on location was identified as cement effluence which was created during a cementing operation miscalculation. The small, unknown volume of effluence naturally stopped when the volume decreased over the distance traveled. The affected soil was removed.

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
12/1/2023	ECMC	Director	-	
12/1/2023	Las Animas County	Mr. Robert Lucero	719-845-2577	
12/1/2023	Land Owner	Mr. Tom Dahlberg	-	

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

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: 02/22/2024		
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	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE			<input checked="" type="checkbox"/>
specify: cementing operations effluance			
Was spill/release completely contained within berms or secondary containment? NO Was an Emergency Pit constructed? NO			
Secondary containment, including walls & floor regardless of construction material , must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.			
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): 20		Width of Impact (feet): 10	
Depth of Impact (feet BGS): 0		Depth of Impact (inches BGS):	
How was extent determined?			
visual			
Soil/Geology Description:			
Rangeland NRCS Map Unit Name: VT - Villedry-Travessilla complex, 1 to 8 percent slopes NRCS Map Unit Name: DaE - Dalerose-Rock Outcrop complex, 3 to 25 percent slopes			
Depth to Groundwater (feet BGS) 1200		Number Water Wells within 1/2 mile radius: 0	
If less than 1 mile, distance in feet to nearest	Water Well	None <input checked="" type="checkbox"/>	Surface Water
	Wetlands	None <input checked="" type="checkbox"/>	Springs
	Livestock	None <input checked="" type="checkbox"/>	Occupied Building
Additional Spill Details Not Provided Above:			
Red soils identified as drill cuttings were observed on location after the drill cuttings pile and drill cuttins area of release had been removed and disposed at a waste disposal facility that accepted E&P waste.			

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 02/22/2024
Root Cause of Spill/Release: Other	
Other (specify)	Wind caused the dry drill cuttings to be released outside of the containment area. Additionally, the white powder observed on location was caused by human error during cementing operations.
Type of Equipment at Point of Spill/Release: Other	
If "Other" selected above, specify or describe here:	
synthetic liner	
Describe Incident & Root Cause (include specific equipment and point of failure)	
Wind caused dry drill cuttings from the drill cuttings pile to migrate off of the bermed and lined drill cuttings area. Root cause: the berm was not sufficient to contain the cuttings. The unidentified white powder observed on location was effluence from cementing operations that was not contained.	
Describe measures taken to prevent the problem(s) from reoccurring:	
To prevent further release of the dry drill cuttings by wind, the drill cuttings were removed and taken to an approved land fill that accepts E&P waste. To prevent this from occurring at other sites with drill cuttings, the operator will produce the drill cuttings directly into a portable steel containment tank and drill cuttings will be disposed at a landfill that accepts E&P waste. This will reduce dust, protect the soil from potential contamination, and facilitate disposal. Site personnel have been trained in detecting and addressing spills or releases that may occur at the site. Absorbent materials and portable berms will be available and used to address inadvertent spills or releases.	
Volume of Soil Excavated (cubic yards): 30	
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal Onsite Treatment	
<input type="checkbox"/> 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:

Photocopies of the manifests signed by the transporter and Trinidad Land Fill personnel and Waste Acceptance Approval Forms from the landfill are attached. Photos of the affected areas are attached. Delays in identifying and mapping soil sample areas and confirmation soil testing due to weather and scheduling/availability of personnel will necessitate further investigation and corrective actions to continue under an approved Form 27.

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

Signed: _____ Print Name: Cathy Bulf

Title: Manager Date: 02/22/2024 Email: cathybulf@gmail.com

<u>COA Type</u>	<u>Description</u>
	The Operator shall provide a detailed sampling plan and map for the delineation of the areas within the spill or release footprint impacted by Drill Cuttings and the White Drilling/Cementing fluids
	COA's outlined in Form 19 Document # 403621937 have not been addressed. All previously assigned COAs and CAs shall apply.
2 COAs	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403649062	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403694590	DISPOSAL MANIFEST
403694616	PHOTO DOCUMENTATION
403694617	PHOTO DOCUMENTATION
403694618	PHOTO DOCUMENTATION
403694620	OTHER
403696371	FORM 19 SUBMITTED

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	The operator did not supply a sufficient map outlining the areas impacted by the Spill/Release. The Operator shall supply a map identifying the areas impacted by the Spill/Release along with appropriate coordinates documenting the location of the spill or release	02/22/2024

Total: 1 comment(s)