

## 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:

404134251

Date Received:

04/12/2025

Spill report taken by:

Sanchez, Chris

Spill/Release Point ID:

488788

**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>DESERT EAGLE OPERATING LLC</u>	Operator No: <u>10797</u>	<b>Phone Numbers</b>
Address: <u>17330 PRESTON RD STE 200D-208</u>		Phone: <u>(214) 886-5098</u>
City: <u>DALLAS</u>	State: <u>TX</u>	Zip: <u>75252</u>
Contact Person: <u>Wesley Marshall</u>		Mobile: <u>( )</u>
		Email: <u>wmarshall@prohelium.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# 404032995

Initial Report Date: 12/18/2024 Date of Discovery: 12/12/2024 Spill Type: Recent Spill

**Spill/Release Point Location:**QTRQTR NWNW SEC 1 TWP 30S RNG 55W MERIDIAN 6Latitude: 37.465260 Longitude: -103.533560Municipality (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☐ Facility/Location ID No \_\_\_\_\_Spill/Release Point Name: Red Rocks 1-13☒ Well API No. (Only if the reference facility is well) 05-071-09920☐ No Existing Facility or Location ID No.

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

Estimated Oil Spill Volume(bbl): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): UnknownEstimated Drilling Fluid Spill Volume(bbl): 0Specify: a layer of fine white powdery sand observed near wellheadHas the subject Spill/Release been controlled at the time of reporting? Yes

**Land Use:**

Current Land Use:	OTHER	Other(Specify):	Rangeland
Weather Condition:	Sunny and 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):

During workover operations a small amount of wellbore debris was released from the drill cuttings containment equipment. Equipment was adjusted to stop release. Total volume removed and sent to the Trinidad Landfill was 6.09 c.yds., less than the 10 c.yds required for reporting under 912.b.(1) E. Rule 912.b.(1).A, there was no impact or threaten of impact to any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained roads.

**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>
12/18/2024	ECMC	Chris Sanchez	-	
12/18/2024	Land Owner	Tom Dahlberg	-	
12/18/2024	Las Animas County	Robert Lucero	-	

**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.
- 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: 12/20/2024		
<b>FLUIDS</b>	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	0	0	<input type="checkbox"/>

specify: \_\_\_\_\_

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)    ☒ Soil    ☐ Groundwater    ☐ Surface Water    ☐ Dry Drainage Feature

Surface Area Impacted:    Length of Impact (feet): 30    Width of Impact (feet): 15

Depth of Impact (feet BGS): 0    Depth of Impact (inches BGS): 1

How was extent determined?

Visual

Soil/Geology Description:

The Oil and Gas Location is relatively flat, with an elevation change of approximately 8 feet across a 1-acre area. The Natural Resource Conservation Service (NRCS) soil type at the Oil and Gas Location is WC – Plughat - Villegreen Complex, 1 to 4 percent slopes. The NRCS specialist measured the representative topsoil depth as 3 inches at the RR 1-13 location.

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 ☒    Surface Water            None ☒

Wetlands            None ☒    Springs            None ☒

Livestock            None ☒    Occupied Building            None ☒

Additional Spill Details Not Provided Above:

The white powder, or spill, observed near the wellhead was from the workover activities blowing out debris that settled into the producing formation. Approximately 6.09 c.yds of soil was removed around the wellhead area..

## CORRECTIVE ACTIONS

#1	Supplemental Report Date: 12/20/2024
Root Cause of Spill/Release <u>Equipment Failure</u>	
Other (specify) _____	
Type of Equipment at Point of Spill/Release: <u>Other</u>	
If "Other" selected above, specify or describe here:	
Dust/debris containment unit	
Describe Incident & Root Cause (include specific equipment and point of failure)	
Gasket at the wellhead connecting to the dust/debris containment unit during a workover failed. Gasket was replaced.	
Describe measures taken to prevent the problem(s) from reoccurring:	
All gaskets and fittings are checked prior to and during operations.	
Volume of Soil Excavated (cubic yards): _____	
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:

This well is an inert, low pressure helium gas well that was air drilled, no mud or acid stimulation was performed, there were no hydrocarbons or produced water. As provided in the COGCC OPERATOR GUIDANCE RULE 915.E.(2) - SOIL SAMPLING AND ANALYSIS, one background sample was taken sufficiently away from the confirmation sample area and obtained from similar depths and soil horizons for comparison to the confirmation soil sample- see attached RR 1-13 Proposed Soil Testing Location Map.pdf. This Form 19 was returned to Draft to allow the ECMC to post the NEW guidance rules on April 8th, 2025, and for the operator to comply with the NEW guidance rules. As provided by the the lab on the report: REVISION The report being provided is a revision of the original report sent on 2/27/2025. The report (revision 1) is being revised due to client is requesting a secured file. This will cause the original modified date to differ from the issued date. No groundwater was encountered. Soil samples were taken as described in Rule 915.e.(2) Guidance documents. Samples were analyzed for TPH, Table 915-1 Organic Compounds in Soil, Table 915-1 metals, and Table 915-1 Soil Suitability for Reclamation at this location and the expanded Analysis Area to include the locations of Red Rocks 35-15, Red Rocks 1-14, Red Rocks 1-16, and the Red Rocks 35-11 . See Attachment E- RR 1-13 Table 915-1.pdf for soil sample analysis for the RR 1-13. Topographic, an Environmental Engineering company, found the naturally occurring pH levels across the Analysis Area exceed Table 915-1 Cleanup Concentration values. Given that the highest recorded pH values were from undisturbed background samples, further delineation is not warranted or feasible. See attached Figure A-1, A-2, and A-3. There was no E&P Waste Spill or Release from liquid waste at this location. The initial Spill/Release Report Doc. # 404032995 was filed under Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, The amount of affected soil removed was less than 10 c.yds. Per COGCC Operator Guidance Rule 915.b, DEO requests leaving materials with elevated concentrations of EC, SAR, pH and boron in situ, no further action required, and this Spill Report be closed. DEO respectfully requests this Form 19S request be accepted outside the COA indicated request for closure date of March 15, 2025.

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: 04/12/2025 Email: cathybulf@gmail.com

**COA Type**

**Description**

0 COA	

**ATTACHMENT LIST**

**Att Doc Num**

**Name**

404134255	ANALYTICAL RESULTS
404134265	SOIL SAMPLE LOCATION MAP
404134294	ANALYTICAL DATA SUMMARY TABLE(S)
404134319	DISPOSAL MANIFEST
404162659	ANALYTICAL RESULTS

Total Attach: 5 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Environmental	ECMC has returned this Form 19 to Draft; Operator will provide laboratory analytical report(s) as a stand-alone secured attachment(s) on the replacement Supplemental Form 19. The Laboratory Report PDF(s) must be secured by the issuing laboratory; If there is a difference between the creation date and secured date of the PDF, Operator shall provide an explanation in the case narrative of the associated report. ECMC will not review combined or unsecured PDFs with lab reports.  A thorough review of this document has not been conducted.	03/27/2025
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Total: 1 comment(s)