

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403967019

Date Received:

10/23/2024

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

487387**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>CRESTONE PEAK RESOURCES OPERATING LLC</u>	Operator No: <u>10633</u>	Phone Numbers
Address: <u>555 17TH STREET SUITE 3700</u>		Phone: <u>(720) 3846452</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80202</u>
Contact Person: <u>Costin McQueen</u>		Mobile: <u>()</u>
		Email: <u>cmcqueen@civiresources.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 REPORTInitial Spill/Release Report Doc# 403871143

Initial Report Date: 07/30/2024 Date of Discovery: 07/29/2024 Spill Type: Historical Release

Spill/Release Point Location:QTRQTR NENE SEC 23 TWP 1N RNG 68W MERIDIAN 6Latitude: 40.041141 Longitude: -104.964838Municipality (if within municipal boundaries): Broomfield County: BROOMFIELD

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 321535Spill/Release Point Name: Bury Crandell
61N68W/NENE/C Unit #1☐ 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): UnknownEstimated Condensate Spill Volume(bbl): UnknownEstimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): UnknownEstimated Other E&P Waste Spill Volume(bbl): 0Estimated 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: NON-CROP LAND Other(Specify):

Weather Condition: Cloudy, 85 degrees F.

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 annual soil sampling activities associated with the 2024 registration of oil and gas facilities within the county of Broomfield, historical impacts were discovered adjacent to the separators. The impacted soil will be removed and hauled for disposal. Confirmation soil samples will be collected in compliance with ECMC Table 915-1.

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>
7/29/2024	Surface Owner	on file	-on file	Notified of Release
7/29/2024	Broomfield LGD	on file	-on file	Notified of Release
7/29/2024	ECMC EPS	Kari Brown	-on file	Notified of Release

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: 07/30/2024		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL			<input checked="" type="checkbox"/>
CONDENSATE			<input checked="" type="checkbox"/>
PRODUCED WATER			<input checked="" 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): _____ Width of Impact (feet): _____

Depth of Impact (feet BGS): _____ Depth of Impact (inches BGS): _____

How was extent determined?

The extent will be determined through confirmation soil sampling during site assessment/excavation activities.

Soil/Geology Description:

Silty Gravel - GM

Depth to Groundwater (feet BGS)	20	Number Water Wells within 1/2 mile radius:	2
If less than 1 mile, distance in feet to nearest	Water Well	3110	None <input type="checkbox"/>
	Wetlands	260	None <input type="checkbox"/>
	Livestock	1215	None <input type="checkbox"/>
	Surface Water	470	None <input type="checkbox"/>
	Springs		None <input checked="" type="checkbox"/>
	Occupied Building	1145	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	10/23/2024
Root Cause of Spill/Release <u>Unknown (Historical)</u>		
Other (specify) _____		
Type of Equipment at Point of Spill/Release: <u>Horizontal Separator</u>		
If "Other" selected above, specify or describe here:		
Describe Incident & Root Cause (include specific equipment and point of failure)		
<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> During annual soil sampling activities associated with the 2024 registration of oil and gas facilities within the county of Broomfield, historical impacts were discovered adjacent to the separators. </div>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> Lease operators are coached to conduct routine AVO inspections at all oil and gas locations. </div>		
Volume of Soil Excavated (cubic yards): <u>2</u>		
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal Onsite Treatment		
<div style="text-align: center;"> <input type="checkbox"/> Other (specify) _____ </div>		
Volume of Impacted Ground Water Removed (bbls): <u>0</u>		
Volume of Impacted Surface Water Removed (bbls): <u>0</u>		

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.

There is one pH exceedance at SEP-B02@1' left in place at 8.49 su and the highest pH background concentration is 8.40 su. SEP-B02@1' is non-detect for organics and either below ECMC Table 915-1 limits or site-specific backgrounds for all metals and other soil suitability for reclamation parameters. Based on the information presented, it appears the elevated pH sample from the separator area appears to be de minimis in quantity or within the range of background pH; therefore, elevated pH may not be associated with E&P activities.

Signed: _____ Print Name: Costin McQueen

Title: Senior Env Specialist Date: 10/23/2024 Email: cmcqueen@civiresources.com

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

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403967030	ANALYTICAL RESULTS
403967032	ANALYTICAL RESULTS
403967033	ANALYTICAL RESULTS

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)