

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403024623

Date Received:

04/22/2022

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

481748

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: <u>CRESTONE PEAK RESOURCES OPERATING LLC</u>	Operator No: <u>10633</u>	Phone Numbers
Address: <u>1801 CALIFORNIA STREET #2500</u>		Phone: <u>(303) 774-4017</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80202</u>
Contact Person: <u>Schuyler Hamilton</u>		Mobile: <u>(720) 925-1820</u>
		Email: <u>shamilton@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 REPORT

Initial Spill/Release Report Doc# 402981262

Initial Report Date: 03/10/2022 Date of Discovery: 03/10/2022 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWNW SEC 28 TWP 4S RNG 65W MERIDIAN 6

Latitude: 39.675059 Longitude: -104.675768

Municipality (if within municipal boundaries): Aurora County: ARAPAHOE

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Reference Location:

Facility Type: TANK BATTERY Facility/Location ID No 471001

Spill/Release Point Name: Rush North 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 and <1 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >0 and <1

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

Specify: Approximately 1 barrel of production fluids

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: 15F and partly cloudy

Surface Owner: FEE Other(Specify): Private Landowner

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

During lease operator rounds, a hammer union on a facility separator related to the Cottonwood Creek # 4-65 28-27 3AH wellhead (05-005-07464) was found leaking. The spill was estimated to be 1 BBL of production fluids and was contained to the pad surface and has been controlled. The impacted soil will be removed and hauled to a COGCC approved disposal facility. Confirmation soil samples will be collected and submitted for laboratory analysis of Table 915-1 constituents. Additionally, a waste characterization sample from the source area will be collected and submitted for analysis of COGCC Table 915-1 constituents to determine constituents of concern in the release. Background samples for inorganics and metals will be collected and submitted for laboratory analysis as needed.

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>
3/10/2022	Landowner		-	Email
3/10/2022	Colorado Parks and Wildlife		-	Email
3/10/2022	City of Aurora		-	Email

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

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 daylight 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: <u>04/22/2022</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>1</u>	<u>1</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>0</u>	<u>0</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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, 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): <u>7</u>		Width of Impact (feet): <u>4</u>	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
The surficial area of impacts was determined during hydro-vacuum recovery of approximately 1 barrel of the released fluids outside of containment. Soil samples were collected and field-screened from the area around and underneath the separator release point. Field-screening indicated no impacted material. Soil samples from the immediate vicinity of the release point and the nearest downgradient point were submitted to a laboratory for analysis of COGCC Table 915-1 constituents. Laboratory results indicated no remaining impacts were present..			
Soil/Geology Description:			
Buick Loam			
Depth to Groundwater (feet BGS) <u>30</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>1560</u> None <input type="checkbox"/>	Surface Water <u>1600</u> None <input type="checkbox"/>
		Wetlands <u>1750</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
		Livestock _____ None <input checked="" type="checkbox"/>	Occupied Building <u>1350</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/22/2022

Root Cause of Spill/Release Pipe, Weld, or Joint Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Horizontal Heated Separator

If "Other" selected above, specify or describe here:

Empty box for specifying other equipment details.

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

During lease operator rounds, a hammer union on a facility separator related to the Cottonwood Creek # 4-65 28-27 3AH wellhead (05-005-07464) was found leaking. The spill was estimated to be 1 BBL of production fluids and was contained to the pad surface

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

The failed equipment has been replaced and will be monitored according to routine maintenance intervals.

Volume of Soil Excavated (cubic yards): 1

Disposition of Excavated Soil (attach documentation) [X] Offsite Disposal [] Onsite Treatment [] Other (specify)

Volume of Impacted Ground Water Removed (bbls):

Volume of Impacted Surface Water Removed (bbls):

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: [X] Corrective Actions Completed (documentation attached, check all that apply)
[X] Horizontal and Vertical extents of impacts have been delineated.
[X] Documentation of compliance with Table 915-1 is attached.
[X] 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 Form 19 Supplemental is being submitted to request closure for the Spill/Release ID (481748). Results of the remedial investigation activities, including a site map and laboratory analytical results, are provided. Please note, aerial imagery of this location is not up to date with facility construction and does not show the separator or current facility layout.

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

Signed: Print Name: Maggie Graham
Title: Senior Project Manager Date: 04/22/2022 Email: Maggie.graham@apexcos.com

Condition of Approval

Table with 2 columns: COA Type, Description. Row 1: 0 COA

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403024623	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403025169	OTHER
403026754	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)