

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

402976667

Date Received:

03/08/2022

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

481662

## 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: CRESTONE PEAK RESOURCES OPERATING LLC	Operator No: 10633	<b>Phone Numbers</b>
Address: 1801 CALIFORNIA STREET #2500		Phone: (303) 774-4017
City: DENVER	State: CO	Zip: 80202
Contact Person: Schuyler Hamilton		Mobile: (720) 925-1820
		Email: shamilton@civiresources.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# 402962908

Initial Report Date: 02/22/2022 Date of Discovery: 02/22/2022 Spill Type: Recent Spill

#### Spill/Release Point Location:

QTRQTR SESE SEC 17 TWP 2N RNG 67W MERIDIAN 6

Latitude: 40.133591 Longitude: -104.905887

Municipality (if within municipal boundaries): Firestone County: WELD

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 440933

Spill/Release Point Name: Bighorn 17H-P267

☐ 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): &gt;=5 and &lt;100

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Approximately 88 barrels of produced water

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: 5F and 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):

A compromised above ground storage tank resulted in the release of approximately 88 barrels of produced water within lined secondary containment. The release was completely contained within the lined secondary containment. A hydro-vacuum was initially utilized to remove approximately 75 barrels of the released produced water. Additional remediation efforts will occur during warmer weather to recover all released fluid. The storage tank has been drained and removed from service for repairs and investigation into root cause of the failure. Photographic evidence will be provided demonstrating the removal of the released fluids and the condition of the liner following remediation efforts.

**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>
2/23/2022	Landowner		-	Email
2/22/2022	City of Firestone		-	Email
2/22/2022	Weld County		-	OEM Online Reporting

**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.
- Yes 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 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: 03/08/2022		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	88	88	<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? <u>YES</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, <b>including walls &amp; floor regardless of construction material</b>, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
Impacted Media (Check all that apply) <input 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?			
The release was completely contained within and recovered from the synthetic liner on the pad surface. No soil or other media was impacted; therefore, there are no impact extents. Photographic evidence is provided demonstrating the removal of impacted containment fill and the condition of the liner following remediation efforts.			
Soil/Geology Description:			
Pea gravel within lined secondary containment.			
Depth to Groundwater (feet BGS) <u>10</u>		Number Water Wells within 1/2 mile radius: <u>7</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>400</u> None <input type="checkbox"/>	Surface Water <u>3285</u> None <input type="checkbox"/>	
	Wetlands _____    None <input checked="" type="checkbox"/>	Springs _____    None <input checked="" type="checkbox"/>	
	Livestock _____    None <input checked="" type="checkbox"/>	Occupied Building <u>600</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/07/2022

Root Cause of Spill/Release Equipment Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Other

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

Above ground produced water storage tank

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

A compromised above ground storage tank resulted in the release of approximately 88 barrels of produced water within lined secondary containment. The release was completely contained in lined secondary containment. A hydro-vacuum was initially utilized to remove approximately 75 barrels of the released produced water. The secondary containment area has cobblestone as a stabilizing material above the liner. The cobblestone was pressure washed to remove the remaining impacts. The decontamination rinse water was then removed from the containment area with a hydro-vacuum.

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

The storage tank was drained and removed from service for repairs. Investigation into root cause of the failure determined corrosion on the tank bottom resulted in the release. The storage tank will be replaced with an epoxy lined tank. Photographic evidence has been provided demonstrating the decontaminated cobblestone stabilizing material and the condition of the synthetic liner following remediation efforts.

Volume of Soil Excavated (cubic yards):

Disposition of Excavated Soil (attach documentation) ☐ 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: ☒ 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 Form 19 Supplemental is being submitted to request closure for the Spill/Release ID (481662). The spill was completely contained within lined secondary containment. All potentially impacted cobblestone within the liner was pressure washed and the remaining produced water was removed via hydro-vacuum. The liner was inspected for any leaks or damage and none was found. A photolog showing the current condition of the lined secondary containment is provided.

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: 03/08/2022 Email: Maggie.Graham@apexc.com

## Condition of Approval

**COA Type****Description**

	Based on the information presented, it is concluded that no further action is necessary at this time and the COGCC approves the closure request based on the site investigation results and/or the remediation actions taken by the Operator and the analytical results presented. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be impacted, then further investigation and/or further remediation activities may be required. In addition, the surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules as required by rule 913.b.(6).
1 COA	

## Attachment List

**Att Doc Num****Name**

402976667	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402977403	PHOTO DOCUMENTATION
402977639	FORM 19 SUBMITTED

Total Attach: 3 Files

## General Comments

**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)