

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403488191

Date Received:

08/07/2023

Spill report taken by:

Anderson, Laurel

Spill/Release Point ID:

484825**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>(720) 3158934</u> |
| City: <u>DENVER</u> | State: <u>CO</u> | Zip: <u>80202</u> |
| Contact Person: <u>Luke Kelly</u> | | Mobile: <u>()</u> |
| | | Email: <u>lkelly@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# 403467622

Initial Report Date: 07/18/2023 Date of Discovery: 07/17/2023 Spill Type: Recent Spill

Spill/Release Point Location:QTRQTR SWNE SEC 19 TWP 2N RNG 68W MERIDIAN 6Latitude: 40.126691 Longitude: -105.045103Municipality (if within municipal boundaries): _____ 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 451044Spill/Release Point Name: Regnier Farms 19H-B268☐ 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): 0Estimated Condensate Spill Volume(bbl): 0Estimated 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: CROP LAND

Other(Specify): _____

Weather Condition: ClearSurface Owner: FEE

Other(Specify): _____

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

A compromised produced water dump line at the Regnier Farms 1J-19H separator resulted in 0.27 bbls of fluid to be spilled to the surface and a currently unknown volume to the subsurface. The impacted soil will be removed following utility locates and hauled for disposal. Confirmation soil samples will be collected in compliance with COGCC Table 915-1. Additionally, a waste characterization sample from the source area will be collected and submitted for analysis of COGCC Table 915-1 constituents.

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> |
|-------------|---------------------|-----------------|--------------|---------------------|
| 7/17/2023 | COGCC EPS | Laurel Anderson | -on file | Notified of Release |
| 7/17/2023 | Weld Co. OEM | Dave Burns | -on file | Notified of Release |
| 7/17/2023 | Surface Owner | on file | -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: 07/18/2023 | | | |
| FLUIDS | BBL's SPILLED | BBL's RECOVERED | Unknown | |
| OIL | 0 | 0 | <input type="checkbox"/> | |
| CONDENSATE | 0 | 0 | <input 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? <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): _____ | | Width of Impact (feet): _____ | | |
| Depth of Impact (feet BGS): _____ | | Depth of Impact (inches BGS): _____ | | |
| How was extent determined? | | | | |
| The extent of the impact was determined through visual delineation and will be confirmed through confirmation soil sampling. | | | | |
| Soil/Geology Description: | | | | |
| Nunn Clay Loam, 0 to 1 percent slopes. CL - silty clay | | | | |
| Depth to Groundwater (feet BGS) <u>25</u> | | Number Water Wells within 1/2 mile radius: <u>0</u> | | |
| If less than 1 mile, distance in feet to nearest | Water Well | <u>3310</u> None <input type="checkbox"/> | Surface Water | <u>2531</u> None <input type="checkbox"/> |
| | Wetlands | <u>2576</u> None <input type="checkbox"/> | Springs | <u> </u> None <input checked="" type="checkbox"/> |
| | Livestock | <u>1423</u> None <input type="checkbox"/> | Occupied Building | <u>1127</u> None <input type="checkbox"/> |
| | Additional Spill Details Not Provided Above: | | | |
| | | | | |

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:

Confirmation soil sampling activities occurred 7/28/2023. Five (5) samples were collected and analyzed for BTEXN, TPH (C6-C36), 1,2,4 and 1,3,5-TMB's, and all soil suitability parameters. Analytical results indicated elevated pH in EX-SS-03@4' (8.55) and elevated SAR in EX-SS-01@4' (23.1) and EX-FS-01@5' (10.9). Based on the attached analytical results, Crestone proposes to over-excavate the north sidewall and base and collect additional samples to be analyzed for SAR and the south sidewall and collect an additional sample to be analyzed for pH only.

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

Signed: _____ Print Name: Costin McQueen

Title: Senior Env Specialist Date: 08/07/2023 Email: cmcqueen@civiresources.com

COA Type

Description

| | |
|--|--|
| | ECMC does not approve of Operators request to "over-excavate the north sidewall and base and collect additional samples to be analyzed for SAR and the south sidewall and collect an additional sample to be analyzed for pH only.". Operator shall collect confirmation soil samples for laboratory analysis of DRO and all soil suitability parameters. Additionally, Operator shall provide a Summary table of all analytical results collected to date compared to Table 915-1 Standards. |
| | Pursuant to Rule 912.b.(6) Operator is required to submit a Form 19 Supplemental Report for the associated spill within 90 days of the spill date requesting closure pursuant to Rule 913.h and supported by adequate documentation to demonstrate that the Spill or Release has been fully cleaned up and complies with Table 915-1; or A Form 27 if any of the criteria listed in Rules 912.b.(6).B.i–iii apply. If Remediation will continue under an approved Form 27, the Operator will also submit a Form 19 – Supplemental which requests closure of the Spill or Release and includes the Remediation project number assigned by the Director. |

2 COAs

Attachment List

| Att Doc Num | Name |
|-------------|------------------------------------|
| 403488191 | SPILL/RELEASE REPORT(SUPPLEMENTAL) |
| 403488235 | ANALYTICAL RESULTS |
| 403488237 | ANALYTICAL RESULTS |
| 403510028 | FORM 19 SUBMITTED |

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)