

State of Colorado Oil and Gas Conservation Commission

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Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403384410

Date Received:

04/26/2023

Spill report taken by:

Waggoner, Kyle

Spill/Release Point ID:

484009

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>BONANZA CREEK ENERGY OPERATING COMPANY LLC</u> | Operator No: <u>8960</u> | Phone Numbers |
| Address: <u>410 17TH STREET SUITE #1400</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 REPORT

Initial Spill/Release Report Doc# 403314805

Initial Report Date: 02/07/2023 Date of Discovery: 02/05/2023 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SENE SEC 26 TWP 5N RNG 63W MERIDIAN 6Latitude: 40.371610 Longitude: -104.396258Municipality (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 434730Spill/Release Point Name: SNP 42-26 CPF HT Release☐ 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): >=5 and <100Estimated 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): 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: ClearSurface Owner: STATE

Other(Specify): _____

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

A compromised oil inlet valve on a vertical heater resulted in approximately 7 bbls of oil being released to the ground surface. Upon discovery, the vessel was shut-in and hydro vacs were immediately dispatched to remove the impacted soil. Confirmation soil samples will be collected and submitted for laboratory analysis. Due to the release being strictly oil, Bonanza Creek proposes to amend the Table 915-1 analysis plan to only include TPH C6-C36 and organics.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

| Date | Agency/Party | Contact | Phone | Response |
|----------|---------------------------|--------------|----------|-------------------------|
| 2/7/2023 | Colorado State Land Board | Steve Freese | -on file | Notified of release |
| 2/7/2023 | Weld Co. OEM | Dave Burns | -on file | Notified via OEM Report |

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.

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? _____

Yes 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.): 200

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: 02/07/2023 | | |
| FLUIDS | BBL's SPILLED | BBL's RECOVERED | Unknown |
| OIL | 7 | 3 | <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? <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>43</u> | | Width of Impact (feet): <u>16</u> | |
| Depth of Impact (feet BGS): _____ | | Depth of Impact (inches BGS): _____ | |
| How was extent determined? | | | |
| The extent of the release was determined through visual delineation. The extent of the release will be confirmed via analytical results. | | | |
| Soil/Geology Description: | | | |
| Valent sand, 0-3 percent slopes, SM- Silty Sand | | | |
| Depth to Groundwater (feet BGS) <u>20</u> | | Number Water Wells within 1/2 mile radius: <u>9</u> | |
| If less than 1 mile, distance in feet to nearest | Water Well <u>2124</u> | None <input type="checkbox"/> | Surface Water <u>745</u> |
| | Wetlands _____ | None <input checked="" type="checkbox"/> | Springs _____ |
| | Livestock _____ | None <input checked="" type="checkbox"/> | Occupied Building <u>4870</u> |
| Additional Spill Details Not Provided Above: | | | |
| | | | |

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/26/2023

Root Cause of Spill/Release Equipment Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Vertical Heater Treater

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

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

A compromised oil inlet valve on a vertical heater resulted in approximately 7 bbls of oil being released to the ground surface.

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

Routine AVO inspections occur at all oil and gas facilities. Bonanza lease operators conduct routine facility walkthroughs and inspections. If equipment appears to be compromised, they should immediately be replaced.

Volume of Soil Excavated (cubic yards): 200

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: 28946
- ☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

Topo map, site map, and photos are included under the data package attachment.

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: 04/26/2023 Email: cmcqueen@civiresources.com

| COA Type | Description |
|----------|-------------|
| 0 COA | |

Attachment List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|-------------------|
| 403384410 | FORM 19 SUBMITTED |
| 403384428 | OTHER |

Total Attach: 2 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Environmental | COGCC approves of Operator's request to close the subject spill/release report and acknowledges that work is proceeding under REM# 28946. | 05/30/2023 |

Total: 1 comment(s)