

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402728012

Date Received:

06/24/2021

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

480215

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 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

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) 315-8934</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@Bonanzacrk.co</u> <u>m</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# 402723754

Initial Report Date: 06/19/2021 Date of Discovery: 06/19/2021 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR NENE SEC 33 TWP 5N RNG 63W MERIDIAN 6Latitude: 40.360940 Longitude: -104.433750Municipality (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 331805Spill/Release Point Name: North Platte 44-11-28HZ
TB☐ 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): 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: Clear, 90'sSurface Owner: STATE

Other(Specify): _____

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

In compliance with Rule 911.b, while conducting a facility decommissioning site assessment of the North Platte 44-11-28HZ production facility (Form 27 Remediation Project #17424) historical soil impacts were identified near the northwest corner of the production tank containment. Initial field screening did not display signs of a historical release. However, analytical results indicate TPH exceedances in SS05. The extent of the subsurface release will be vertically and laterally delineated. This is historic cumulative impact that developed over the lifetime of the facility and not from a single event. The impacted soil will be removed and additional confirmation soil samples will be collected and submitted for laboratory analysis. Analytical results will be included in a supplemental Form 19.

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

OTHER NOTIFICATIONS

| Date | Agency/Party | Contact | Phone | Response |
|-----------|---------------|-----------------|----------|------------------------------------|
| 6/19/2021 | Weld Co. OEM | David Burns | -on file | Notified of release via OEM report |
| 6/19/2021 | Surface Owner | CPW | -on file | Notified of release via email |
| 6/19/2021 | CPW | Brandon Marrete | -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: 06/20/2021 | | |
| FLUIDS | BBL's SPILLED | BBL's RECOVERED | Unknown |
| OIL | | | <input checked="" 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>10</u> | | Width of Impact (feet): <u>10</u> | |
| Depth of Impact (feet BGS): <u>1</u> | | Depth of Impact (inches BGS): _____ | |
| How was extent determined? | | | |
| The extent of the release was determined through visual delineation | | | |
| Soil/Geology Description: | | | |
| Aquolls and aquents, gravelly substratum | | | |
| Depth to Groundwater (feet BGS) <u>5</u> | | Number Water Wells within 1/2 mile radius: <u>1</u> | |
| If less than 1 mile, distance in feet to nearest | Water Well <u>2520</u> None <input type="checkbox"/> | Surface Water <u>400</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>1500</u> None <input type="checkbox"/> | |
| Additional Spill Details Not Provided Above: | | | |
| The impacted soil is scheduled for removal and will be hauled to a COGCC approved disposal facility. Confirmation soil samples will be collected and submitted for laboratory analysis. Samples will be analyzed by a certified laboratory for TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons) and organic compounds in soil per COGCC Table 915-1. Bonanza Creek requests to continue this remediation project under the associated facility decommissioning Form 27 (Remediation Project #17424). | | | |

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/24/2021

Root Cause of Spill/Release Unknown (Historical)

Other (specify) _____

Type of Equipment at Point of Spill/Release: Other

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

Production tank containment

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

Historically impacted soil was discovered beneath the lined tank containment during facility decommissioning. The impact was located on the NW corner of the containment.

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

BCEOC personnel are coached on keeping containment liners free of all produced fluids. Connections and valves are inspected daily and any leaks are repaired immediately.

Volume of Soil Excavated (cubic yards): 0

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment ☐ Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

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: 17424
 - ☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

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

Signed: _____ Print Name: Luke Kelly

Title: Senior Env. Specialist Date: 06/24/2021 Email: LKelly@Bonanzacrk.com

Condition of Approval

COA Type

Description

| | |
|--|--|
| | Operator will analyze confirmation soil samples for Table 915-1 metals in addition to organics in soil, soil TPH (C6-C36), and soil suitability. |
|--|--|

1 COA

Attachment List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|------------------------------------|
| 402728012 | SPILL/RELEASE REPORT(SUPPLEMENTAL) |
| 402728891 | SOIL SAMPLE LOCATION MAP |
| 402728892 | PHOTO DOCUMENTATION |
| 402728893 | SOIL SAMPLE LOCATION MAP |
| 402728894 | TOPOGRAPHIC MAP |
| 402728895 | ANALYTICAL RESULTS |
| 402746827 | FORM 19 SUBMITTED |

Total Attach: 7 Files

General Comments

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

Total: 0 comment(s)