

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402981762

Date Received:

03/14/2022

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

481433

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) 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@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# 402927947

Initial Report Date: 01/15/2022 Date of Discovery: 01/14/2022 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWNW SEC 33 TWP 5N RNG 62W MERIDIAN 6Latitude: 40.360204 Longitude: -104.337011Municipality (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 432287Spill/Release Point Name: Antelope B-33 1/15/2022☐ 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): >=1 and <5Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=1 and <5Estimated 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: OTHEROther(Specify): Range LandWeather Condition: Clear, 30'sSurface 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 aboveground section of a produced water dumpline resulted in approximately 3 bbls of oil and 2 bbls of produced water being released to the ground surface. The line will be repaired and the impacted soil will be removed. The release was contained to the pad surface. Confirmation soil samples will be collected for COGCC Table 915-1 TPH (C6-C36), organics in soil, inorganics, and a source waste characterization sample for metals will be collected. Background samples for inorganic and/or metals comparison will be collected, as needed. The release did not occur within CPW high priority habitat.

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
1/15/2022	Surface Owner	on file	-on file	Notified of release
1/15/2022	Weld Co. OEM	David Burns	-on file	Notified of release 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.
- 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 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: 03/10/2022		
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FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	3	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	2	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? NO Was an Emergency Pit constructed? NO

*Secondary containment, **including walls & floor regardless of construction material**, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.*

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) ☒ Soil ☐ Groundwater ☐ Surface Water ☐ Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 31 Width of Impact (feet): 19

Depth of Impact (feet BGS): 1 Depth of Impact (inches BGS): _____

How was extent determined?

The extent of the release was determined through visual delineation and confirmed with laboratory analytical

Soil/Geology Description:

Valent sand, 3-9% slope - silty SAND - SM

Depth to Groundwater (feet BGS) 30 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well <u>2000</u>	None <input type="checkbox"/>	Surface Water _____	None <input checked="" type="checkbox"/>
Wetlands _____	None <input checked="" type="checkbox"/>	Springs _____	None <input checked="" type="checkbox"/>
Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building _____	None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

A compromised above-ground section of a produced water dumphine resulted in approximately 3 bbls of oil and 2 bbls of produced water being released to the ground surface. The line was repaired and the impacted soil was removed. The release was contained to the pad surface. Initial assessment activities identified residual 1-methylnaphthalene exceeding the COGCC Table 915-1 protection of groundwater soil screening level (GSL). All other chemicals of concern were below COGCC Table 915-1 regulatory limits. Arsenic was below the local clean-up level determined by background comparison.

Additional soil was removed and additional confirmation samples for PAHs were collected. Residual PAHs above GSLs were identified. Additional soil was removed, and confirmation samples were collected. Based on data collected through 3/3/22, all confirmation samples are in compliance with COGCC Table 915-1. BCEOC respectfully requests a NFA designation.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/10/2022

Root Cause of Spill/Release Equipment Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Dump Line

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

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

Internal corrosion resulted in a pinhole forming on the dumpline in the 6 o'clock position.

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

BCEOC has implemented an upgraded chemical program to proactively reduce the number of corrosion related releases.

Volume of Soil Excavated (cubic yards): 20

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: _____
- ☐ 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: Andrew Newberry

Title: Environmental Consultant Date: 03/14/2022 Email: anewberry@eagle-enviro.com

Condition of Approval

COA Type

Description

0 COA	
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Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402981762	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402981764	ANALYTICAL RESULTS
402983941	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)