

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401631316

Date Received:

06/29/2018

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

452400

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) 4406100</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80202</u>
Contact Person: <u>Brian Dodek</u>		Mobile: <u>()</u>
		Email: <u>BDodek@Bonanzacrk.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401412646

Initial Report Date: 09/25/2017 Date of Discovery: 09/25/2017 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNW SEC 4 TWP 6N RNG 62W MERIDIAN 6

Latitude: 40.522368 Longitude: -104.331044

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

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 440714

Spill/Release Point Name: Whitetail F-4 Separator Release ☐ No Existing Facility or Location ID No.

Number: _____ ☐ Well API No. (Only if the reference facility is well) 05- -

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

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

Were Five (5) barrels or more spilled? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): >=5 and <100

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): _____

Weather Condition: Overcast, light rain, 45°F

Surface Owner: FEE Other(Specify): _____

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State ☐ Residence/Occupied Structure ☐ Livestock ☐ Public Byway ☐ Surface Water Supply Area ☐

As defined in COGCC 100-Series Rules

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

During routine maintenance a BCEOC operator was blowing down a separator. Once the pressure gauges indicated the pressure was off the vessel the operator removed a 2" bull plug. Unbeknownst to the operator, the separator had plugged off prior to being fully blown down. Several seconds later the plug worked free releasing the remaining contents of the separator. The current release volume is estimated to be 12 bbls of oil. Roustabout crews are working to remove the impacted soil. Once all of the impacted soil is removed, soil samples will be collected and submitted for laboratory analysis.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/25/2017	Weld County	Roy Rudisill	--on file	notified of release
9/25/2017	COGCC	Rick Alison	--on file	notified of release
9/25/2017	Landowner	Jack Degenhart	--on file	notified of release

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes ☐ No ☐

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with this E & P waste spill or release? Yes ☐ No ☐

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 05/07/2018		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	12	0	<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? 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): 180 Width of Impact (feet): 120

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): _____

How was extent determined?

The extent of the release was determined via visual delineation and laboratory analysis

Soil/Geology Description:

Vona loamy sand, 5-9% slopes

Depth to Groundwater (feet BGS) 35 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest Water Well 1370 None ☐ Surface Water 847 None ☐

Wetlands _____ None ☒ Springs _____ None ☒
Livestock _____ 800 None ☐ Occupied Building _____ 2515 None ☐

Additional Spill Details Not Provided Above:

Following the storm event, confirmation soil samples were collected and submitted for laboratory analysis. Analytical results (attached) for all of the soil samples indicated compliance with the posted COGCC Table 910-1 concentration levels. All excavated soil was hauled to Buffalo Ridge landfill for disposal. Bonanza Creek respectfully requests an NFA determination.

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 05/07/2018
Cause of Spill (Check all that apply) <input checked="" type="checkbox"/> Human Error <input type="checkbox"/> Equipment Failure <input type="checkbox"/> Historical-Unknown <input type="checkbox"/> Other (specify) _____	
Describe Incident & Root Cause (include specific equipment and point of failure) A BCEOC pumper was blowing down a separator through a 1" needle valve when the valve became plugged. The operator assumed the separator had fully blown down and removed a 2" bull plug. Upon removing the plug the remaining pressure and product were released from the separator.	
Describe measures taken to prevent the problem(s) from reoccurring: BCEOC has implemented a new separator blowdown SOP.	
Volume of Soil Excavated (cubic yards): 400	
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment <input type="checkbox"/> 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)

☐ Work proceeding under an approved Form 27

Form 27 Remediation Project No: _____

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: Brian Dodek

Title: Env. Manager Date: 06/29/2018 Email: BDodek@Bonanzacrk.com

COA Type

Description

Based on the information presented, it appears that no further action is necessary at this time and the COGCC approves the closure request. 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 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.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401631316	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401631543	ANALYTICAL RESULTS
401693640	FORM 19 SUBMITTED

Total Attach: 3 Files

<u>General Comments</u>		
<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)