

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

401532727

Date Received:

02/01/2018

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

453787

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>	<b>Phone Numbers</b>
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@bonanzacr.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401521693

Initial Report Date: 01/22/2018 Date of Discovery: 01/22/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 2 TWP 5N RNG 62W MERIDIAN 6

Latitude: 40.424872 Longitude: -104.295896

Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

Reference Location:

Facility Type: TANK BATTERY  Facility/Location ID No 435952  
 No Existing Facility or Location ID No.  
 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): 0 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=5 and <100

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: 37 Degrees F, Sunny

Surface Owner: STATE 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):

The produced water dumphine on a separator failed releasing an unknown volume of produced water to the ground. The release occurred beneath the containment liner, but was contained to the well pad. BCEI is checking production records to determine the total volume released. Impacted soil excavation and line repairs will begin as soon as utility locates clear.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
1/22/2018	State	Steve Freese	-on file	notified of release
1/22/2018	Weld County	Roy Rudisill	-on file	notified of release

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 02/01/2018

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	150	20	<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): 15 Width of Impact (feet): 20

Depth of Impact (feet BGS): 8 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:

Valent Sands, 3-9% slopes

Depth to Groundwater (feet BGS) 10 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well 3096 None  Surface Water \_\_\_\_\_ None

Wetlands \_\_\_\_\_ None  Springs \_\_\_\_\_ None

Livestock \_\_\_\_\_ None  Occupied Building \_\_\_\_\_ None

Additional Spill Details Not Provided Above:

The five separators in the containment were pulled, the liner was peeled back, and all of the impacted soil was removed. The dumplines on all five of the separators were replaced preemptively. Due to the minimal impact to soil beneath the liner it is possible that estimated 150 bbls of produced water released was a high estimate. However, it was reported as a worst case volume. Confirmation soil samples were collected and submitted for laboratory analysis. This includes a portion of the excavated material that was segregated for use as backfill material. All confirmation soil sample results were compliant with COGCC Table 910-1 concentration levels, indicating that all of the impacted soil has been removed. Bonanza Creek respectfully requests a No Further Action determination.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/01/2018

Cause of Spill (Check all that apply)     Human Error     Equipment Failure     Historical-Unknown  
 Other (specify) \_\_\_\_\_

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

The dumpline failed due to internal corrosion releasing approximately 150 bbls of produced water.

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

All of the separators were pulled and the entire common dumpline manifold was replaced to reduce the reoccurrence of corrosion failure. Bonanza is also evaluating the use of treatment chemicals to reduce corrosion on the produced water dumplines.

Volume of Soil Excavated (cubic yards): 73

Disposition of Excavated Soil (attach documentation)     Offsite Disposal     Onsite Treatment  
 Other (specify) offsite disposal and fill material

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: 02/01/2018 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

Att Doc Num	Name
401532727	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401533712	ANALYTICAL RESULTS

Total Attach: 3 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
		Stamp Upon Approval

Total: 0 comment(s)