

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401520075

Date Received:

01/19/2018

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

453703

**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@Bonanzacrk.com</u>

**INITIAL SPILL/RELEASE REPORT**

Initial Spill/Release Report Doc# 401508896

Initial Report Date: 01/10/2018 Date of Discovery: 01/09/2018 Spill Type: Recent Spill

**Spill/Release Point Location:**

Location of Spill/Release: QTRQTR SWSW SEC 6 TWP 3N RNG 62W MERIDIAN 6

Latitude: 40.248383 Longitude: -104.375135

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

**Reference Location:**

Facility Type: TANK BATTERY  Facility/Location ID No 422923  
 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? No

*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: Clear, 45 degrees

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):

A Bonanza Creek heater treater had a sight glass freeze overnight and rupture releasing approximately 6.75 bbls of oil. The release was contained within an earthen berm and remediation is underway. The release was reported initially via email to the COGCC on 1/10/18.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
1/9/2018	Land Owner	State Land Board	-on file	notified of release
1/10/2018	COGCC	Bob Chesson	-on file	notified of release

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 01/19/2018

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	10	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): 10 Width of Impact (feet): 14

Depth of Impact (feet BGS): 9 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

The extent was determined via visual delineation and laboratory analysis

Soil/Geology Description:

Valent sand, 3-9% slopes

Depth to Groundwater (feet BGS) 46 Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest Water Well 770 None  Surface Water \_\_\_\_\_ None

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

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

Additional Spill Details Not Provided Above:

Excavation was conducted from the southern extent of the release toward the heater treater foundation. The excavation was conducted in small portions and backfilled to ensure the foundation and structural integrity of the heater treater was not affected by the remediation activities. Once excavation proximity began to approach the heater treater foundation the excavation began to cave in beneath the edge of the foundation. Bonanza stopped excavation and sloped the hole from that point back up to the foundation and collected a sample (SS08) from the sloped sidewall. This is shown on the attached Figure 2 as SS08 does not appear to be at the edge of the excavation. The confirmation soil samples indicate that remaining soil is compliant with COGCC Table 910-1 concentration levels. Bonanza will also ensure that the soil is inspected below the heater treater foundation, as part of future final reclamation activities. Bonanza Creek respectfully requests a No Further Action determination.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/19/2018

Cause of Spill (Check all that apply)  Human Error  Equipment Failure  Historical-Unknown  
 Other (specify) Natural forces/Weather

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

A cold front moved in causing the heater treater sightglass to freeze and rupture.

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

BCEI pumpers were coached on draining and closing all sight glasses when equipment is shut in or a cold front is in the forecast.

Volume of Soil Excavated (cubic yards): 31

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)  
 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: Environmental Manager Date: 01/19/2018 Email: BDodek@Bonanzacrk.com

COA Type	Description

### Attachment Check List

Att Doc Num	Name
401520075	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401520735	ANALYTICAL RESULTS
401529197	FORM 19 SUBMITTED

Total Attach: 3 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

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

Total: 0 comment(s)