

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401642689

Date Received:

06/29/2018

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

454242

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# 401567017

Initial Report Date: 03/07/2018 Date of Discovery: 03/07/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESW SEC 28 TWP 5N RNG 63W MERIDIAN 6

Latitude: 40.367885 Longitude: -104.445422

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

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 447280

Spill/Release Point Name: DOW 23-28 RTB ☐ 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): >=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: 51 degrees, clear

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 following are initial details in regards to a produced water and oil release at the DOW 23-28 remote tank battery discovered on 3/7/2018. The release was discovered during routine facility operations. The production tank load line separated at a 4" valve and released the tank contents (currently unknown amount of produced water and oil). Bonanza is currently reviewing production records to calculate a potential spill volume. The release was inside lined containment but there is evidence of some liquid passing through the plastic liner and metal containment berm. Equipment removal and remediation is already underway. Additional information will be submitted in a subsequent Form 19.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
3/7/2018	CPW	Dylan Edwardson	-On file	Notified or release. Responded to location.
3/7/2018	Weld County	Roy Rudisil	-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: 05/16/2018		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	15	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	41	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): 60 Width of Impact (feet): 45

Depth of Impact (feet BGS): 6 Depth of Impact (inches BGS): _____

How was extent determined?

The extent was determined through visual delineation and laboratory analytical results.

Soil/Geology Description:

Aquolls and aquents, gravelly substratum

Depth to Groundwater (feet BGS) 4 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well _____ None ☒ Surface Water 950 None ☐

Wetlands 20 None ☐ Springs _____ None ☒

Livestock _____ None ☒Occupied Building 1425 None ☐

Additional Spill Details Not Provided Above:

The facility was decommissioned and all auxiliary equipment has since been removed. All of the impacted soil has been removed and hauled to Buffalo Ridge landfill for disposal. Confirmation soil samples were collected and submitted for laboratory analysis. Analytical results indicate compliance with COGCC Table 910-1 soil concentrations. During soil excavation, groundwater was encountered. A groundwater sample was collected and submitted for laboratory analysis. Analytical results indicate a benzene exceedance of COGCC Table 910-1 concentrations. Prior to complete backfill of the excavation, Bonanza applied approximately 300 lbs of carbon amendment at the water table to increase biologic degradation of the residual hydrocarbons. BCEI will continue release mitigation (including monitoring well installation) under eForm 27 document number 401642858.

CORRECTIVE ACTIONS#1 Supplemental Report Date: 05/16/2018Cause 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 production tank load line separated at a 4" valve releasing 56 bbls of a produced water/oil mixture.

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

BCEI pumpers were coached on looking for binded lines during their site inspections.

Volume of Soil Excavated (cubic yards): 600Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment
☐ Other (specify) _____Volume of Impacted Ground Water Removed (bbls): 300Volume 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 27Form 27 Remediation Project No: 11496**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 DodekTitle: Env. Manager Date: 06/29/2018 Email: BDodek@Bonanzacrk.com**COA Type****Description****Attachment Check List****Att Doc Num****Name**

401642689	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401642964	ANALYTICAL RESULTS

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)