

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402496304

Date Received:

09/23/2020

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

476668

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) 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@Bonanzacrk.co</u> <u>m</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402409357

Initial Report Date: 05/29/2020 Date of Discovery: 05/29/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SESE SEC 32 TWP 5N RNG 61W MERIDIAN 6Latitude: 40.351686 Longitude: -104.226353Municipality (if within municipal boundaries): _____ County: WELD

Reference Location:

Facility Type: FLOWLINE SYSTEM☒ Facility/Location ID No 441121Spill/Release Point Name: SPH 44-32 Oil Dumpline☐ Well API No. (Only if the reference facility is well) 05- -☐ No Existing Facility or Location ID No.

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): UnknownEstimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Clear, 80'sSurface 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 belowground dumphine released approximately 10 bbls of oil to the ground surface and a currently unknown volume to the subsurface. The cause of the release is under investigation. A roustabout crew is working to contain the release and remove the pooled product from the pad surface. Following utility locates the impacted soil will be removed and hauled to an approved disposal facility. Confirmation soil samples will be collected and submitted for laboratory analysis. Analytical results will be included in a subsequent F19.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS				
Date	Agency/Party	Contact	Phone	Response
5/29/2020	Weld Co. OEM	Roy Rudisill	-on file	Notified via OEM Report
5/29/2020	State Land Board	Steve Freese	-on file	Notified of release

Was there a Grade 1 Gas Leak? Yes ☐ No ☒

 If YES, 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? Yes ☐ No ☒

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

Was there damage during excavation? Yes ☐ No ☒

 If YES, was CO 811 notified prior to excavation? Yes ☐ No ☐

SPILL/RELEASE DETAIL REPORTS

#1

Supplemental Report Date: 09/23/2020

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	100	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): 25 Width of Impact (feet): 25

 Depth of Impact (feet BGS): 11 Depth of Impact (inches BGS): _____

How was extent determined?

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

Soil/Geology Description:

Valent Sand 3-9% Slopes

Depth to Groundwater (feet BGS) 25 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest	Water Well	None <input checked="" type="checkbox"/>	Surface Water	4500	None <input 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:

The entire line was replaced running from the well pad to the production facility. The flowline was pressure tested prior to returning to service. The impacted soil was removed and hauled to a COGCC approved disposal facility. Confirmation soil samples were collected and submitted for laboratory analysis. Analytical results indicate compliance with COGCC Table 910-1 concentrations. BCEOC respectfully requests an NFA determination.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/23/2020

Root Cause of Spill/Release Corrosion

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)

As requested in Field Inspection Report (Doc # 690101916)

1) Root cause of flowline failure(s) resulting in this release: The cause of the release was internal corrosion caused by carry over water from the separator with corrosive tendencies leading to bacterial growth forming beneath a paraffin film. 2) Measures taken to prevent a recurrence: BCEOC is working to remediate the separation issues from the production equipment as well as looking into the need to start a formal chemical program on this dumphline. 3) Written description of flowline repair/ replacement work completed (indicate location of failure point and wells serviced by flowline): The entire dumphline was removed and reinstalled with new steel piping. The failure occurred in the six o'clock position on a common line servicing all of the wells on the State Pronghorn 44-32 pad. (SPH 43-32-31MRLNB, SPH 44-32-31MRLNB, SPH X-32-31MRLNB, SPH X43-32-31MRLNC, SPH X44-32-31-MRLNC) 5) Integrity confirmation post repair; Pressure test flowline(s) prior to return to service: Pressure test graph and data is included in the attachment package. The line was tested in an open trench hence the 4 hour test vs an 8 hour test.

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

BCEOC is working to remediate the separation issues from the production equipment as well as looking into the need to start a formal chemical program on this dumphline.

Volume of Soil Excavated (cubic yards): 250

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: Luke Kelly

Title: Senior Env. Specialist Date: 09/23/2020 Email: LKelly@Bonanzacrk.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

402496304	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402496497	ANALYTICAL RESULTS
402498758	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)