

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:

402483313

Date Received:

09/08/2020

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

476586

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.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402406268

Initial Report Date: 05/27/2020 Date of Discovery: 05/25/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NENE SEC 26 TWP 5N RNG 63W MERIDIAN 6

Latitude: 40.372382 Longitude: -104.396316

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

Reference Location:

Facility Type: FLOWLINE SYSTEM Facility/Location ID No 432636

Spill/Release Point Name: SNP CPF 42-26 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? No

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): Unknown

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 70's

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 produced water dumphine on the North Platte O-K-26HNB separator released a currently unknown volume of produced water to the subsurface. Remediation will begin following utility locates. The impacted soil will be removed and confirmation soil samples will be collected and submitted for laboratory analysis. Analytical results will be included in a subsequent F19. The release was not initially reported because it was believed to be minimal and inside a lined containment. However, upon further investigation the source of the release was determined to be coming from the subsurface. The release volume is estimated to be between 1-5 bbls.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/27/2020	Weld County OEM	Roy Rudisill	-on file	notified of release via OEM Report
5/27/2020	Surface Owner	SLB - 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:	09/08/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	0	0	<input type="checkbox"/>	
PRODUCED WATER	30	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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>				
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>				
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) <input type="checkbox"/> Soil <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature				
Surface Area Impacted:		Length of Impact (feet): <u>30</u>	Width of Impact (feet): <u>15</u>	
		Depth of Impact (feet BGS): <u>10</u>	Depth of Impact (inches BGS): _____	
How was extent determined?				
The extent was determined through visual delineation.				
Soil/Geology Description:				
Valent sand, 0-3% slopes				
Depth to Groundwater (feet BGS) <u>25</u>		Number Water Wells within 1/2 mile radius: <u>3</u>		

If less than 1 mile, distance in feet to nearest Water Well 2000 None Surface Water _____ None
Wetlands _____ None Springs _____ None
Livestock _____ None Occupied Building 5161 None

Additional Spill Details Not Provided Above:

A produced water dump line on a separator released approximately 30 bbls of produced water to the subsurface. The release was delineated and the majority of the impacted soil was removed over the course of several sampling and remediation events and hauled to a COGCC disposal facility. BCEOC is requesting to leave two slight pH exceedances (SS01 & SS04 @ 10') and one SAR exceedance (SS04 - 42.43 @ 10') in place. All exceedances are well below the vegetative root zone and show no risk of migration. Additional soil samples were collected (SS06, SS07 & SS08) from a depth of 1-3' bgs to confirm the surface impact had been removed. BCEOC respectfully requests an NFA determination.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/08/2020

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)

Internal corrosion on a separator's produced water dump line released approximately 30 bbls of produced water to the subsurface.

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

Chemical treatment is utilized to reduce corrosion and annual flowline testing is used to verify the integrity of the lines

Volume of Soil Excavated (cubic yards): 170

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: 09/08/2020 Email: LKelly@Bonanzacrk.com

COA Type**Description**

	Soil sample analytical results indicate that the pH and SAR of soil in the vicinity of the release point is above the Table 910-1 Allowable Level at depths of 7-8 feet below the ground surface. BTEX and total petroleum hydrocarbons (TPH) concentrations of the soil are in compliance with the Table 910-1 Allowable Levels. The site is an active oil and gas location, and COGCC will not require further action at this time. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if groundwater or surface water is found to be impacted, then further investigation and/or remediation activities may be required.
--	--

Attachment Check List**Att Doc Num****Name**

402483313	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402483512	ANALYTICAL RESULTS
402492664	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
--	--	---------------------

Total: 0 comment(s)