

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402931212

Date Received:

01/20/2022

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

481407

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 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

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@civiresources.com</u>

☐ Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402921015

Initial Report Date: 01/08/2022 Date of Discovery: 01/07/2022 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWSW SEC 2 TWP 5N RNG 62W MERIDIAN 6Latitude: 40.424455 Longitude: -104.295639Municipality (if within municipal boundaries): _____ County: WELD

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Reference Location:

Facility Type: TANK BATTERY☒ Facility/Location ID No 435952Spill/Release Point Name: SA 14-2_ SA E-2-14XRLNB☐ Well API No. (Only if the reference facility is well) 05- -☐ No Existing Facility or Location ID No.

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=1 and <5Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Has the subject Spill/Release been controlled at the time of reporting? Yes

Land Use:

Current Land Use: OTHEROther(Specify): Range LandWeather Condition: Clear, 30'sSurface Owner: STATE

Other(Specify): _____

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

A compromised check valve on the State Antelope E-2-14XRLNB separator resulted in one bbl of produced water being released inside of containment and one bbl of produced water being released outside of containment. The release was contained to the road base plated pad surface. The impacted soil will be removed and hauled to a COGCC approved disposal facility. Confirmation soil samples will be collected and analyzed for TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons), organic compounds in soil, and a source waste characterization sample for metals. Background samples for metal comparison will be collected, as needed. Analytical results will be included in a subsequent report.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
1/8/2022	Weld Co. OEM	Steve Burns	-on file	Notified via OEM report
1/8/2022	State Land Board	Steve Freese	-on file	Notified of release

REPORT CRITERIA

Rule 912.b.(1) Report to the Director (select all criteria that apply):

- No Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.
- Waters of the State: _____ Public Water System: _____
- Residence or Occupied Structure: _____ Livestock: _____
- Wildlife: _____ Publicly-Maintained Road: _____
- Yes Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.
- No Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.
- No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak
- Enter the approximate time of discovery _____ (HH:MM)
- 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? _____
- Enter the Document Number of the Initial Accident Report, Form 22 _____
- Was there damage during excavation? _____
- Was CO 811 notified prior to excavation? _____
- No Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.
- Estimated Volume of Impacted Solids (cu. yd.): _____
- No Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:
- ☐ The presence of free product or hydrocarbon sheen Surface Water
- ☐ The presence of free product or hydrocarbon sheen on Groundwater
- ☐ The presence of contaminated soil in contact with Groundwater
- ☐ The presence of contaminated soil in contact with Surface water

No	Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylights from the subsurface.
No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property.
	<input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
No	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 01/19/2022		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	2	2	<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 checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): _____		Width of Impact (feet): _____	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
Excavations will be conducted in order to determine the total extent. The impacted soil will be removed and hauled to a COGCC approved disposal facility. Confirmation soil samples will be collected and analyzed for TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons), organic compounds in soil, and a source waste characterization sample for metals. Background samples for metal comparison will be collected, as needed. Analytical results will be included in a subsequent report.			
Soil/Geology Description:			
Osgood sand.			
Depth to Groundwater (feet BGS) <u>8</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>2890</u> None <input type="checkbox"/>	Surface Water <u>675</u> 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:			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/19/2022

Root Cause of Spill/Release Equipment Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Vertical Separator

If "Other" selected above, specify or describe here:

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

A compromised check valve on the State Antelope E-2-14XRLNB separator resulted in one bbl of produced water being released inside of containment and one bbl of produced water being released outside of containment. The release was contained to the road base plated pad surface.

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

The failed equipment will be replaced and will be monitored according to routine maintenance intervals.

Volume of Soil Excavated (cubic yards):

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment ☐ Other (specify)

Volume of Impacted Ground Water Removed (bbls):

Volume of Impacted Surface Water Removed (bbls):

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, check all that apply)
 - ☐ Horizontal and Vertical extents of impacts have been delineated.
 - ☐ Documentation of compliance with Table 915-1 is attached.
 - ☐ All E&P Waste has been properly treated or disposed.
 - ☐ Work proceeding under an approved Form 27 (Rule 912.c).

Form 27 Remediation Project No:
 - ☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

This Form 19 Supplemental is being submitted to update the COGCC on details of this reportable release. Results of the remedial investigation activities, including a site map and laboratory analytical results, will be provided on a subsequent Form 19 Supplemental report.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: Maggie Graham

Title: Senior Project Manager Date: 01/20/2022 Email: Maggie.Graham@apexcos.com

Condition of Approval

COA Type**Description**

	Operator will also analyze samples for Table 915-1 Soil Suitability for Reclamation (Electrical conductivity, Sodium adsorption ratio, and pH by saturated paste method, boron (hot water soluble)).
1 COA	

Attachment List

Att Doc Num**Name**

402931212	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402931275	PHOTO DOCUMENTATION
402931278	SITE MAP
402931279	TOPOGRAPHIC MAP
402934417	FORM 19 SUBMITTED

Total Attach: 5 Files

General Comments

User Group**Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)