

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402612409

Date Received:

03/01/2021

Spill report taken by:

Hughes, Jim

Spill/Release Point ID:

478786

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>BERRY PETROLEUM COMPANY LLC</u>	Operator No: <u>10091</u>	Phone Numbers
Address: <u>11117 RIVER RUN BLVD</u>		Phone: <u>(970) 285-5207</u>
City: <u>BAKERSFIELD</u>	State: <u>CA</u>	Zip: <u>93311</u>
Contact Person: <u>Don Wilbourn</u>		Mobile: <u>(970) 210-6693</u>
		Email: <u>dwilbourn@bry.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402546173

Initial Report Date: 12/03/2020 Date of Discovery: 11/25/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SESE SEC 32 TWP 5S RNG 95W MERIDIAN 6

Latitude: 39.564580 Longitude: -108.070872

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

Reference Location:

Facility Type: CENTRALIZED EP WASTE MGMT FAC Facility/Location ID No 430737

Spill/Release Point Name: _____ 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? 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? No

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

Estimated Oil Spill Volume(bbl): Unknown Estimated Condensate Spill Volume(bbl): Unknown

Estimated Flow Back Fluid Spill Volume(bbl): Unknown Estimated Produced Water Spill Volume(bbl): Unknown

Estimated Other E&P Waste Spill Volume(bbl): Unknown Estimated Drilling Fluid Spill Volume(bbl): Unknown

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): _____

Weather Condition: Cold, clear

Surface Owner: FEE Other(Specify): Caerus

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):

During the fall sampling of the groundwater monitoring wells at the P32 E&P waste facility a sample from MW-3 came back with high levels of methane. Following guidance from our consultant, Dave Nicholson, we had another sample taken to both verify the methane level and perform stable isotopic analysis of the methane to determine its origin. Based on the isotopic analysis, attached to this report, the methane does not appear to have a microbial source. Berry notified the COGCC upon receiving the isotopic analysis and began looking for any potential sources of the methane. The methane was found in a water well with a free surface roughly 30' bgs which is significantly deeper than any underground pipelines we have in the area, nevertheless Berry has pressure tested the closest pipeline twice in the last week with both passing. The pit is outfitted with a digital leak detection system indicating now leaks, visual inspection of system today found it to be dry. Efforts to id source ongoing.

List Agencies and Other Parties Notified:

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

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:

Berry submits the most recent stable isotope analysis for the methane in monitoring well MW-3 near the P32 E&P Waste Facility. As mentioned in previous reports Berry has checked all facilities in the vicinity of this location and cannot find a source for the gas in the well. The gas samples taken from Berry's facilities are different than those taken from the well, however Berry will defer to the report on this matter.

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

Signed: _____ Print Name: Jon Armstrong

Title: EH&S Rep, Sr. Date: 03/01/2021 Email: jarmstrong@bry.com

Condition of Approval

COA Type

Description

	A review conducted by COGCC staff came to the conclusion that, "Based on the data we have at present, the MW-3 water sample results reported by DIG are likely not from producing zones in the Williams Fork and not likely from Wasatch Fm. production zones." The operator will continue to observe and sample the monitoring well and report the results to the COGCC on a supplemental Form 19.
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1 COA

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402612409	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402612410	ANALYTICAL RESULTS
402650182	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

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

Total: 0 comment(s)