

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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Document Number:

402546173

Date Received:

12/03/2020

Spill report taken by:

Hughes, Jim

Spill/Release Point ID:

478786

## SPILL/RELEASE REPORT (INITIAL)

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>	<b>Phone Numbers</b>
Address: <u>5201 TRUXTUN AVENUE #100</u>		Phone: <u>(970) 285-5207</u>
City: <u>BAKERSFIELD</u>	State: <u>CA</u>	Mobile: <u>(970) 210-6693</u>
Zip: <u>90339</u>		Email: <u>dwilbourn@bry.comn</u>
Contact Person: <u>Don Wilbourn</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 ☐

**OPERATOR COMMENTS:**

As mentioned above in this submission, Berry is still searching to identify the source of this methane in the monitoring well. Dave Nicholson's report is attached covering the sampling history and analytical results. Berry apologizes for the late spill report, there was some confusion on our end on whether or not this constituted a reportable spill.

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: 12/03/2020 Email: jarmstrong@bry.com

<u>COA Type</u>	<u>Description</u>
	The operator shall ensure that this Centralized E&P Waste Management Facility (Facility ID #430737) is in compliance with Rule 908, including but not limited to, annual reporting.
	The operator shall comply with Rule 910.b.3. The operator shall ensure that analytical laboratories use appropriate methods with detection limits less than or equal to the concentrations in Table 910-1.
	The operator shall submit a supplemental spill report within ten days of discovery of the release with all of the additional information required by Rule 906.b.1.

**Attachment List**

<u>Att Doc Num</u>	<u>Name</u>
402546173	SPILL/RELEASE REPORT(INITIAL)
402546294	ANALYTICAL RESULTS
402548281	FORM 19 SUBMITTED

Total Attach: 3 Files

**General Comments**

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

Total: 0 comment(s)