

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:

401935182

Date Received:

03/11/2019

Spill report taken by:

Hughes, Jim

Spill/Release Point ID:

461564

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>5201 TRUXTUN AVENUE #100</u>		Phone: <u>(970) 285-5207</u>
City: <u>BAKERSFIELD</u>	State: <u>CA</u>	Zip: <u>90339</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# 401924311

Initial Report Date: 01/31/2019 Date of Discovery: 01/30/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSE SEC 29 TWP 5S RNG 96W MERIDIAN 6

Latitude: 39.579900 Longitude: -108.192300

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

Reference Location:

Facility Type: CENTRALIZED EP WASTE MGMT FAC Facility/Location ID No 442514

Spill/Release Point Name: Filter pods No Existing Facility or Location ID No.

Number: _____ Well API No. (Only if the reference facility is well) 05- -

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): >=1 and <5

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Estimated 3 bbl produced water spilled

Land Use:

Current Land Use: OTHER Other(Specify): Water injection facility

Weather Condition: Clear 30 degrees snow/ice packed

Surface Owner: OTHER (SPECIFY) Other(Specify): Berry Petroleum

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):

D&B water contractors arrived on O29 at approx 8:00 am on 1-30-19 to align valves for field pumping operations. After all valves were opened they went to the F01 pad and hooked up pump. One operator stayed on F01 and the other went back to the O29 SWD. Once there he radioed to start pumping. After confirming flow and performing a visual inspection he confirmed there were no leaks at this time and proceeded with pumping operations. When finished with F01 they moved to the E33 and proceeded pumping. Approx. 5 minutes into pumping the E33 they recieved a call to shut down pumping operations and return to the O29. At approx. 11:30 am a water truck driver arrived at the O29 to unload and discovered a leak on one of the filter pods and called pump crew for shut down. Upon arrival they shut all valves, drained filter pods and discovered a gasket had blown out of one of the pods. At this point the truck driver and crew started vacuuming up the spill. 4 bbls recovered.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
1/30/2019	COGCC	Jim Hughes	970-903-4072	Person
1/30/2019	Garfield Co.	Kirby Wynn	970-625-5905	Person
1/30/2019	Berry Petroleum	Kent Fink	970-303-1504	Person

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes No

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with this E & P waste spill or release? Yes No

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

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 03/05/2019

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>4</u>	<u>4</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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): 2

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): 2

How was extent determined?

Produced water was released from the filter pod into 2 frozen truck tracks and completely contained, some surface water (snow) in the tire tracks was contaminated and sucked up. Vacuum truck was us used to suck up all fluids, measured amount was 4 bbls.

Soil/Geology Description:

Shale

Depth to Groundwater (feet BGS) 60 Number Water Wells within 1/2 mile radius: 0

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

Additional Spill Details Not Provided Above:

All produced water was contained in the frozen truck tracks, no soil impacted due to frozen ground conditions. The only soil that was excavated was for sampling purposes. See attachments for analysis details and maps.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/05/2019

Cause of Spill (Check all that apply) Human Error Equipment Failure Historical-Unknown
 Other (specify) _____

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

Incident description is included in the initial report. Root cause was main gasket failure on filter pod.

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

Increase PM schedule of gasket replacement.

Volume of Soil Excavated (cubic yards): 0

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): _____

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:

Spill was 100% recovered, all materials were loaded into a vac truck and moved into one of the production tanks on site. See attachments for PH relief

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

Signed: _____ Print Name: Don Wilbourn

Title: Construction Foreman Date: 03/11/2019 Email: dwilbourn@bry.com

COA Type	Description

Attachment Check List

Att Doc Num	Name
401961313	ANALYTICAL RESULTS

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Impacted media changed from surface water to soil by SW EPS with verbal permission from Don Wilbourn on 3/7/19.	03/07/2019

Total: 1 comment(s)