

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:

402402654

Date Received:

05/26/2020

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

453141

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: PDC ENERGY INC	Operator No: 69175	Phone Numbers
Address: 1775 SHERMAN STREET - STE 3000		Phone: ()
City: DENVER State: CO Zip: 80203		Mobile: ()
Contact Person: Phillip Porter		Email: COGCCSpillRemediation@pdce.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401467669

Initial Report Date: 11/26/2017 Date of Discovery: 11/25/2017 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SENE SEC 32 TWP 1N RNG 66W MERIDIAN 6

Latitude: 40.011110 Longitude: -104.792750

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 433548
 Spill/Release Point Name: Phelps 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): >=1 and <5	Estimated Condensate Spill Volume(bbl): 0
Estimated Flow Back Fluid Spill Volume(bbl): 0	Estimated Produced Water Spill Volume(bbl): 0
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: Sunny, Clear
 Surface Owner: FEE Other(Specify): Phelps

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):

An estimated 2 bbls of oil was released onto the well pad surface due to sump overflow. The sump that collects residual oil from the vapor recover tower overflowed due to valve from knockout tank being left open. Lease operator arrived on location and noticed release. Valve on knockout tank was shut-off stopping release. Roustabout crew was called out immediately to begin clean-up activity. This included using vac-truck to remove free oil from surface as well as excavating impacted soils for disposal.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
11/25/2017	COGCC	Chris Canefield	-	Email
11/25/2017	Weld County	Roy Rudisill	-	Email

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:	05/20/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	2	1	<input type="checkbox"/>	
CONDENSATE	0	0	<input type="checkbox"/>	
PRODUCED WATER	0	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? 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): 175 Width of Impact (feet): 5

Depth of Impact (feet BGS): _____ Depth of Impact (inches BGS): 24

How was extent determined?

On November 25, 2017, approximately 2 barrels of oil were released from the knockout pots at the Phelps 12-32NHZ production facility. Following the discovery, excavation activities were initiated and approximately 22 cubic yards of impacted soil were removed and transported to North Weld Waste Management Facility in Ault, Colorado for disposal under SRC Energy waste manifests. Vacuum recovery activities were conducted concurrently with excavation activities and approximately 1 barrel of oil was recovered. On November 28, 2017, LT Environmental (LTE) was contracted to conduct the on-site site investigation and confirmation sampling. Five soil samples (SB01 - SB05) were collected within the release area at depths ranging between 6 inches and 18 inches below ground surface (bgs). The samples were submitted for laboratory analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbons (TPH) - gasoline range organics (GRO), and TPH - diesel range organics (DRO). In addition, soil sample SB05 was analyzed for pH, sodium adsorption ratio (SAR), and electrical conductivity (EC). Analytical results indicated that benzene and TPH concentrations were in exceedance of the applicable COGCC Table 910-1 standards in soil sample SB05. The remaining soil samples exhibited organic compounds within regulatory standards. Based on the analytical results, additional impacted material was removed in the area of failed soil sample SB05. On December 8, 2017, LTE collected one confirmation soil sample (SB06) adjacent to sample location SB05 at approximately 24 inches bgs to confirm that remaining hydrocarbon impacts were successfully removed. The sample was submitted for laboratory analysis for the previously stated organic compounds. Analytical results indicated that BTEX and TPH concentrations were below regulatory standards in confirmation soil sample SB06.

Soil/Geology Description:

Road base and Olney fine sandy loam, 3 to 5 percent slopes.

Depth to Groundwater (feet BGS) 5 Number Water Wells within 1/2 mile radius: 22
 If less than 1 mile, distance in feet to nearest Water Well 820 None Surface Water 560 None
 Wetlands 155 None Springs _____ None
 Livestock _____ None Occupied Building 1005 None

Additional Spill Details Not Provided Above:

Following the confirmation sampling event, LTE prepared the attached documents, however a closure request was never submitted by SRC for this spill. Per the COGCC Inspection Report (Doc #689501050) issued on May 19, 2020, this Form 19 serves as a request for closure of this 2017 SRC release.

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: Phillip Porter
 Title: Snr. Environmental Rep. Date: 05/26/2020 Email: COGCCSpillRemediation@pdce.com

COA Type	Description

Attachment Check List

Att Doc Num	Name
402403003	ANALYTICAL RESULTS
402403004	SITE MAP
402405390	ANALYTICAL RESULTS

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)