

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:

401757589

Date Received:

09/10/2018

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

457163

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>PDC ENERGY INC</u>	Operator No: <u>69175</u>	Phone Numbers
Address: <u>1775 SHERMAN STREET - STE 3000</u>		Phone: <u>(970) 506-9272</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>		Mobile: <u>(970) 373-6581</u>
Contact Person: <u>Zack Liesenfeld</u>		Email: <u>Zack.Liesenfeld@pdce.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401751952

Initial Report Date: 09/02/2018 Date of Discovery: 08/31/2018 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 19 TWP 3N RNG 64W MERIDIAN 6

Latitude: 40.207037 Longitude: -104.599140

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

Reference Location:

Facility Type: TANK BATTERY Facility/Location ID No 322577

Spill/Release Point Name: Butterball; Graznak No Existing Facility or Location ID No.

Number: b4, 1-19 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? Yes

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): Unknown

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

Specify: _____

Land Use:

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

Weather Condition: Sunny and Warm

Surface Owner: FEE Other(Specify): _____

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):

PDC discovered a reportable historic release on the Butterball B4, 13, 14, 23, 24-19; Graznak 1-19: SWSW19 3N64W while abandoning the facility. Current recovery efforts are mitigating impacts.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
8/31/2018	COGCC	Robert Chesson	-	Via Email
8/31/2018	weld County	Roy Rudisill	-	Via Email
8/31/2018	Land Owners	NA	-	Vai Phone Call

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: 09/09/2018

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			<input checked="" 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): 37 Width of Impact (feet): 30

Depth of Impact (feet BGS): 8 Depth of Impact (inches BGS): _____

How was extent determined?

On August 31, 2018, historic hydrocarbon impacts were discovered below the produced water vessel and separator during tank battery decommissioning activities at the Butterball B4, 13, 14, 23, 24-19; Graznak 1-19 production facility. Excavation and confirmation sampling activities are on-going and will be summarized in a forthcoming report. A topographic map is attached as Figure 1.

Soil/Geology Description:

Olney fine sandy loam, 0 to 1 percent slopes.

Depth to Groundwater (feet BGS) 4 Number Water Wells within 1/2 mile radius: 5

If less than 1 mile, distance in feet to nearest Water Well 1776 None Surface Water 361 None

Wetlands 1368 None

Springs _____ None

Livestock 2975 None

Occupied Building 1686 None

Additional Spill Details Not Provided Above:

Empty box for additional spill details.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/10/2018

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)

On August 31, 2018, historic hydrocarbon impacts were discovered below the produced water vessel and separator during decommissioning activities.

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

All production equipment and associated infrastructure were removed from location and will not be replaced.

Volume of Soil Excavated (cubic yards): 420

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): 0

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:

Empty box for 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: Zack Liesenfeld

Title: EHS Professional Date: 09/10/2018 Email: Zack.Liesenfeld@pdce.com

COA Type

Description

COA Type	Description

Attachment Check List

Att Doc Num	Name
401757589	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401757591	TOPOGRAPHIC MAP
401757953	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)