

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

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	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER			<input checked="" 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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
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) <input checked="" type="checkbox"/> Soil <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>37</u>		Width of Impact (feet): <u>30</u>	
Depth of Impact (feet BGS): <u>8</u>		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) <u>4</u>		Number Water Wells within 1/2 mile radius: <u>5</u>	
If less than 1 mile, distance in feet to nearest Water Well <u>1776</u> None <input type="checkbox"/>		Surface Water <u>361</u> None <input type="checkbox"/>	

Sinks ☐ Springs ☐ None ☒

Occupied Building 1686 None ☐

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	09/10/2018
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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:

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

Attachment Check List

Att Doc Num

Name

401757591	TOPOGRAPHIC MAP
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Total Attach: 1 Files

General Comments

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

Total: 0 comment(s)