

State of Colorado Oil and Gas Conservation Commission

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Date Received:

07/17/2015

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

442471

OPERATOR INFORMATION

Name of Operator: PDC ENERGY INC Operator No: 69175 Address: 1775 SHERMAN STREET - STE 3000 City: DENVER State: CO Zip: 80203 Contact Person: Zack Liesenfeld Phone Numbers: Phone: (970) 5069273 Mobile: (970) 3736581 Email: Zack.Liesenfeld@pdce.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400864427

Initial Report Date: 07/08/2015 Date of Discovery: 07/06/2015 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSE SEC 20 TWP 2N RNG 66W MERIDIAN 6

Latitude: 40.120918 Longitude: -104.797700

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 327274 No Existing Facility or Location ID No. 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? 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): 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: A historic release was discovered during line replacement and production tank removal activities.

Land Use:

Current Land Use: CROP LAND Other(Specify): Weather Condition: Cloudy Surface Owner: FEE Other(Specify): Gary and Julie Hladky

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):

A historic release was discovered during dump line replacement and production tank removal activities. In addition, an abandoned concrete vault was discovered below the fiberglass tank. Soil encountered during the excavation was field screened for VOC concentrations using a PID. Site assessment activities were completed to delineate the lateral extent of remaining hydrocarbon impacts. Soil excavation activities will continue until contaminated material is removed.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
7/8/2015	State of CO	Rick Allison	-	via email
7/8/2015	Weld County	Roy Rudesil	-	via email

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 07/17/2015

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	_____	_____	<input checked="" 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): 115 Width of Impact (feet): 55

Depth of Impact (feet BGS): 11 Depth of Impact (inches BGS): _____

How was extent determined?

On July 6, 2015 a historic release was discovered during line dump replacement and produced water tank removal activities at the Succo GU 4, 43-20 production facility. An abandoned third-party produced water vault was discovered below the PDC fiberglass tank during excavation activities. To date, approximately 2010 cubic yards of impacted material has been removed and transported to the Buffal Ridge Landfill in Keenesburg, CO for disposal under PDC waste manifests. Excavation and sampling activities are on-going and will be summarized in a subsequent supplemental report and No Further Action (NFA) request.

Soil/Geology Description:

Shingle loam. 3 to 9 percent slope

Depth to Groundwater (feet BGS) 28 Number Water Wells within 1/2 mile radius: 47

If less than 1 mile, distance in feet to nearest

Water Well	<u>245</u>	None <input type="checkbox"/>	Surface Water	<u>105</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	<u>60</u>	None <input type="checkbox"/>	Occupied Building	<u>630</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	07/17/2015	
Cause of Spill (Check all that apply)			
<input type="checkbox"/> Human Error <input type="checkbox"/> Equipment Failure <input checked="" type="checkbox"/> Historical-Unknown			
<input type="checkbox"/> Other (specify) _____			
Describe Incident & Root Cause (include specific equipment and point of failure)			
A historic release was discovered during dump line replacement and produced water tank removal activities.			
Describe measures taken to prevent the problem(s) from reoccurring:			
The produced water tank will not be replaced. Dump lines will be replaced and routine pressure testing will be completed.			
Volume of Soil Excavated (cubic yards): 2010			
Disposition of Excavated Soil (attach documentation)			
<input checked="" type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment			
<input type="checkbox"/> 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: _____

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: 07/17/2015 Email: Zack.Liesenfeld@pdce.com

Attachment Check List

Att Doc Num	Name
400870286	FORM 19 SUBMITTED

Total Attach: 1 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)