

**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:

400996105

Date Received:

02/26/2016

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

444936

## 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.

### OPERATOR INFORMATION

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

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400992777

Initial Report Date: 02/19/2016      Date of Discovery: 02/18/2016      Spill Type: Historical Release

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESE SEC 12 TWP 6N RNG 65W MERIDIAN 6Latitude: 40.499410 Longitude: -104.601990Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

#### Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 331302☐ 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? 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): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): UnknownEstimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: \_\_\_\_\_

#### Land Use:

Current Land Use: CROP LAND

Other(Specify): \_\_\_\_\_

Weather Condition: Sunny and coolSurface 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):

A historical release was discovered on the Williamson 43-12 site while abandoning the production facility. Current remediation efforts are mitigating impacts.

List Agencies and Other Parties Notified:

### SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:	02/26/2016	
<b>FLUIDS</b>	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>			
<i>Secondary containment, <b>including walls &amp; floor regardless of construction material</b>, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>80</u>		Width of Impact (feet): <u>50</u>	
Depth of Impact (feet BGS): <u>9</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
On February 18, 2016, a historic release was discovered during facility decommissioning activities at the Williamson 43-12 location. To date, approximately 1,450 cubic yards of impacted material have been removed and transported to the Waste Management Facility in Ault, Colorado for disposal. Excavation activities are on-going and will be summarized in a forthcoming report. A topographic map is included as Figure 1.			
Soil/Geology Description:			
Thedalund loam, 1 to 3 percent slopes			
Depth to Groundwater (feet BGS) <u>12</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>850</u> None <input type="checkbox"/>	Surface Water <u>1470</u> None <input type="checkbox"/>
		Wetlands _____ None <input checked="" type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
		Livestock <u>485</u> None <input type="checkbox"/>	Occupied Building <u>1275</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/26/2016

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)

A historic release was discovered during plug and abandonment activities.

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

The facility will not be reconstructed.

Volume of Soil Excavated (cubic yards): 1450

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: 02/26/2016 Email: zack.liesenfeld@pdce.com

### COA Type Description

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### Attachment Check List

Att Doc Num	Name
400996105	FORM 19 SUBMITTED
400996346	TOPOGRAPHIC MAP

Total Attach: 2 Files

### General Comments

User Group	Comment	Comment Date
Environmental	Changed depth to groundwater from 183 feet to 12 feet based on field conversations and subsequent discussions with Operator.	3/4/2016 8:00:41 AM

Total: 1 comment(s)