

**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:

400635926

Date Received:

06/30/2014

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

437621

## 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) 506-9272</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80203</u>
Contact Person: <u>Troy Swain</u>		Mobile: <u>( )</u>
		Email: <u>troy.swain@pdce.com</u>

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400627686

Initial Report Date: 06/17/2014      Date of Discovery: 06/16/2014      Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESW SEC 2 TWP 2N RNG 64W MERIDIAN 6Latitude: 40.160820 Longitude: -104.520840Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

#### Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 432121☐ No Existing Facility or Location ID No.☐ Well API No. (Only if the reference facility is well) 05-123-

#### 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 <5Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

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

#### Land Use:

Current Land Use: NON-CROP LAND Other(Specify): \_\_\_\_\_Weather Condition: Sunny 85FSurface 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):

On June 16, 2014 a Concord Energy Holdings crude transport tanker truck spilled approximately 4 BBL of crude when the oil hauler tanker was overfilled while unloading a crude tank at PDC Energy's Waste Management 2Q-HZ tank battery (Facility ID #432121). The spill occurred outside secondary containment but remained on the facility. One (1) BBL of crude oil was recovered with a vacuum truck.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
6/16/2014	COGCC	Bob Chesson	303-894-2100	Sent Notification E-Mail.
6/16/2014	Weld Emergency Response	Roy Rudisil	970-304-5640	Sent Notification E-Mail
6/16/2014	Weld County LGD	Tom Parko	970-353-6100	Sent Notification E-Mail.

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 06/30/2014		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	4	4	<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): 45 Width of Impact (feet): 17

Depth of Impact (feet BGS): \_\_\_\_\_ Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

On June 16, 2014, a release of approximately 1 barrel of oil occurred when an oil hauler tanker was overfilled while unloading production tanks at the Waste Management Pad 2Q-HZ. Excavation activities commenced immediately following the release and approximately 30 cubic yards of impacted material were removed and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado under PDC waste manifests. Soil within the release area was field screened for volatile organic compounds (VOC) using a photoionization detector (PID) to confirm excavation activities successfully mitigated residual hydrocarbon impacts. On June 17, 2014, three confirmation soil samples (SS01 - SS03) were collected at approximately 6 inches below ground surface (bgs). Samples were submitted to Summit Scientific Laboratories in Golden, Colorado for laboratory analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and total petroleum hydrocarbons (TPH) -gasoline range organics (GRO) by EPA Method 8260B, as well as TPH - diesel range organics (DRO) by EPA Method 8015. Analytical results indicate constituent concentrations in soil samples SS01 through SS03 are below COGCC Table 910-1 standards. A summary of soil analytical data is presented in Table 1 and the analytical report is included as Attachment A. Groundwater was not encountered during the removal of impacted material. A topographic map of the site is included as Figure 1 and the release area and soil sample locations are illustrated on Figure 2.

Soil/Geology Description:

Valent sand, 0 to 3 percent slopes and 3 to 9 percent slopes

Depth to Groundwater (feet BGS) 20 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest Water Well 2750 None ☐ Surface Water            None ☒  
Wetlands            None ☒ Springs            None ☒  
Livestock            None ☒ Occupied Building            None ☒

Additional Spill Details Not Provided Above:

### CORRECTIVE ACTIONS

#1	Supplemental Report Date:	06/30/2014		
Cause of Spill (Check all that apply)		<input checked="" type="checkbox"/> Human Error	<input type="checkbox"/> Equipment Failure	<input type="checkbox"/> Historical-Unknown
		<input type="checkbox"/> Other (specify) _____		
Describe Incident & Root Cause (include specific equipment and point of failure)				
<div>On June 16, 2014, approximately 4 barrels of crude oil was released when a tanker was overfilled while unloading production tanks.</div>				
Describe measures taken to prevent the problem(s) from reoccurring:				
<div>Discussed with contractor and load out lines and tank volumes will be monitored during loadout.</div>				
Volume of Soil Excavated (cubic yards):		<u>30</u>		
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):		<u>0</u>		
Volume of Impacted Surface Water Removed (bbls):		<u>0</u>		

### 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: Troy Swain

Title: EHS Prof.-Env. Date: 06/30/2014 Email: troy.swain@pdce.com

### COA Type

### Description

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### Attachment Check List

#### Att Doc Num

#### Name

400635926	FORM 19 SUBMITTED
400636102	SITE MAP
400636115	ANALYTICAL RESULTS

Total Attach: 3 Files

**General Comments**

<u><b>User Group</b></u>	<u><b>Comment</b></u>	<u><b>Comment Date</b></u>

Total: 0 comment(s)