

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

400911617

Date Received:

10/06/2015

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

441395

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

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400813993

Initial Report Date: 03/24/2015 Date of Discovery: 03/23/2015 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENE SEC 28 TWP 2N RNG 66W MERIDIAN 6

Latitude: 40.112893 Longitude: -104.777050

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: TANK BATTERY Facility/Location ID No 333219
 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): 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, 65 degrees

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 began removing the produced water vessel at the Ursula #2 tank battery on March 19, 2015. On March 23rd when crews returned to the location, groundwater had infiltrated into the excavation. The groundwater did not appear to be impacted and photoionization detector readings from soil removed from the excavation were not elevated. Results from a groundwater sample submitted for laboratory analytical testing indicated petroleum hydrocarbon concentrations above COGCC Table 910-1 groundwater standards.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
3/20/2015	Landowner	Gerhard Maier	-	spoke to landowner in person
3/24/2015	Weld County	Roy Rudisill	-	submitted email notification

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 10/06/2015

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? 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): 200 Width of Impact (feet): 70

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

How was extent determined?

A Supplemental Form 19 was submitted on April 9, 2015. A summary of additional site assessment activities is provided in the attached Form 27.

Soil/Geology Description:

Olney loamy sand, 1 to 3 percent slopes

Depth to Groundwater (feet BGS) 8 Number Water Wells within 1/2 mile radius: 56

If less than 1 mile, distance in feet to nearest

Water Well	<u>625</u>	None <input type="checkbox"/>	Surface Water	<u>660</u>	None <input type="checkbox"/>
Wetlands		None <input checked="" type="checkbox"/>	Springs		None <input checked="" type="checkbox"/>
Livestock	<u>100</u>	None <input type="checkbox"/>	Occupied Building	<u>690</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Reference attached Form 27 Remediation Work Plan.

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: 9281

OPERATOR COMMENTS:

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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: 10/06/2015 Email: zack.liesenfeld@pdce.com

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400911618	OTHER

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Spill closed with implementation of site investigation and remediation plan (project 9281) and one further action which is to submit manifests/transport records for the approximately 130 cubic yards of material reported as removed during initial spill response and investigation in March 2015. Documents to be submitted to peter.gintautas@state.co.us by November 6, 2015.	10/6/2015 1:33:59 PM

Total: 1 comment(s)