

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:

401228806

Date Received:

03/09/2017

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.

Spill report taken by:
GINTAUTAS, PETER

Spill/Release Point ID:
449414

OPERATOR INFORMATION

Name of Operator: <u>PDC ENERGY INC</u>	Operator No: <u>69175</u>	Phone Numbers
Address: <u>1775 SHERMAN STREET - STE 3000</u>		Phone: <u>(970) 506-9273</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>		Mobile: <u>(970) 373-6581</u>
Contact Person: <u>Zack Liesenfeld</u>		Email: <u>Zack.Liesenfeld@pdce.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401221331

Initial Report Date: 02/28/2017 Date of Discovery: 02/27/2017 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNE SEC 28 TWP 4N RNG 67W MERIDIAN 6

Latitude: 40.290780 Longitude: -104.891430

Municipality (if within municipal boundaries): _____ County: WELD

Reference Location:

Facility Type: TANK BATTERY Facility/Location ID No _____

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): 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: _____

Land Use:

Current Land Use: CROP LAND Other(Specify): _____

Weather Condition: Cloudy and cool

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 Energy discovered a historic release on the McCarty 28-6 location while abandoning the production facility. Current remediation efforts are mitigating impacts.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
2/27/2017	COGCC	Peter Gintautas	-	Via Email
2/27/2017	Weld County	Roy Rudisill	-	Via Email
2/27/2017	Land Owner	NA	-	Via Phone Call

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 03/08/2017

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	<u>0</u>	<u>0</u>	<input 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): 38 Width of Impact (feet): 55

Depth of Impact (feet BGS): 12 Depth of Impact (inches BGS): _____

How was extent determined?

On February 27, 2017, a historic release was discovered during plug and abandonment activities at the McCarty 28-6 production facility. Excavation and sampling activities are on-going and will be summarized in a forthcoming report. Groundwater was encountered in the excavation at approximately 12 feet below ground surface (bgs). A topographic map is attached as Figure 1.

Soil/Geology Description:

Weld loam, 1 to 3 percent slopes.

Depth to Groundwater (feet BGS) 12 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well	<u>4450</u>	None <input type="checkbox"/>	Surface Water	_____	None <input checked="" type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	<u>1990</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	03/08/2017			
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 below the produced water vessel during facility plug and abandonment activities.					
Describe measures taken to prevent the problem(s) from reoccurring:					
The facility was decommissioned and will not be rebuilt.					
Volume of Soil Excavated (cubic yards): 460					
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): _____					
Volume of Impacted Surface Water Removed (bbls): _____					

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: 03/09/2017 Email: Zack.Liesenfeld@pdce.com

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401229414	TOPOGRAPHIC MAP

Total Attach: 1 Files

General Comments

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

Total: 0 comment(s)