

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

400910116

Date Received:

10/02/2015

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

443299

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>DCP MIDSTREAM LP</u>	Operator No: <u>4680</u>	Phone Numbers
Address: <u>370 17TH STREET - SUITE 2500</u>		Phone: <u>(970) 590-6444</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80202</u>
Contact Person: <u>Sam Wood</u>		Mobile: <u>()</u>
		Email: <u>swood@dcpmidstream.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400903232

Initial Report Date: 09/22/2015 Date of Discovery: 09/22/2015 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 34 TWP 2N RNG 67W MERIDIAN 6Latitude: 40.088780 Longitude: -104.885280Municipality (if within municipal boundaries): _____ County: WELD

Reference Location:

Facility Type: OTHER ☒ Facility/Location ID No 412250☐ 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): 0Estimated Condensate Spill Volume(bbl): >=5 and <100Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=1 and <5Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0Specify: Spilled inside secondary containment

Land Use:

Current Land Use: OTHER Other(Specify): Gas PlantWeather Condition: Clear, temperatures in mid-60'sSurface Owner: OTHER (SPECIFY) Other(Specify): DCP Midstream

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):

DCP overfilled a tank located at the Spindle Gas Processing Plant with condensate and water on 9-22-15. It appears we had a dump valve malfunction on our heater treater which normally dumps the water off to TK-5132 and the condensate to a pressurized tank. The float that alarms operations and controls the dump valve of an overflow in the tank rides up and down on a 1" shaft and DCP believes this became stuck and as a result the operator didn't see the level spike. A DCP roustabout crew onsite noticed it overflowing and notified the operators immediately. The spill was contained in a concrete containment and was approximately 12 barrels. DCP has contacted a 3rd party to remove the condensate from the containment and the tank within the hour and pumped it back into our stabilizer system. DCP is conducting a formal investigation on this event to not only find the exact cause but to take all future measures possible to prevent the reoccurrence of the event.

List Agencies and Other Parties Notified:

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:	10/02/2015		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	10	10	<input type="checkbox"/>	
PRODUCED WATER	2	2	<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? YES 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): 0 Width of Impact (feet): 0

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): _____

How was extent determined?

The extent of this release was completely contained within a concrete secondary containment located around the 300 barrel tank.

Soil/Geology Description:

N/A

Depth to Groundwater (feet BGS) 0 Number Water Wells within 1/2 mile radius: 57

If less than 1 mile, distance in feet to nearest

Water Well	<u>119</u>	None <input type="checkbox"/>	Surface Water	<u>2640</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	<u>1920</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

The 12 barrels of liquid spilled into the containment was cleaned up using a vacuum truck and put back into the process.

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 10/02/2015
Cause of Spill (Check all that apply)	
<input type="checkbox"/> Human Error	<input checked="" type="checkbox"/> Equipment Failure
<input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Historical-Unknown
Describe Incident & Root Cause (include specific equipment and point of failure)	
<p>A 300 barrel produced water tank located at the Spindle Gas Processing Plant was overfilled with condensate and water on 9-22-15. DCP had a dump valve malfunction on the heater treater which normally dumps the water off to this 300 barrel tank and the condensate to a separate pressurized tank. This valve was stuck open and drained an excess amount of liquids into the tank. Normally, if the tank was being overfilled, a float would alarm operations and dump the excess liquids into an overflow tank. The float inside the 300 barrel produced water tank that alarms operations and controls the dump valve for the tank also malfunctioned and was stuck at showing 51% capacity. This float rides up and down on a 1" shaft in which it became stuck and as a result the operator didn't see the level spike. These two equipment failures were the cause of this event.</p>	
Describe measures taken to prevent the problem(s) from reoccurring:	
<p>DCP is in the process of replacing the heater treater water dump valve with an air actuated liquid cylinder valve (LCV) using an existing vessel flange to attach the float mechanism to. The heater treater water dump valve is currently to remain closed and manually dumped as needed until new LCV is installed. Water accumulation in the heater treater is very minimal. To solve the tank overflow malfunction, DCP is in the process of installing a high level alarm float in the 300 barrel produced water tank. This will tie into the heater treater LCV to close in the rare event a high liquid level was to re-occur. DCP will also be cleaning out this tank for more efficient operations and to decrease the potential of equipment getting stuck or not operating properly.</p>	
Volume of Soil Excavated (cubic yards): 0	
Disposition of Excavated Soil (attach documentation)	
<input 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: _____

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: Sam Wood

Title: Compliance Coordinator Date: 10/02/2015 Email: swood@dcpmidstream.com

COA Type	Description

Attachment Check List

Att Doc Num	Name
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Total Attach: Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)