

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402183991

Date Received:

10/06/2019

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

448396

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.

OPERATOR INFORMATION

Name of Operator: <u>DCP OPERATING COMPANY LP</u>	Operator No: <u>4680</u>	Phone Numbers
Address: <u>370 17TH STREET - SUITE 2500</u>		Phone: <u>(970) 378-6373</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80202</u>
Contact Person: <u>Chandler Cole</u>		Mobile: <u>(970) 939-0329</u>
		Email: <u>cecole@dcpmidstream.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401154239

Initial Report Date: 11/22/2016 Date of Discovery: 11/21/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSE SEC 15 TWP 4N RNG 65W MERIDIAN 6

Latitude: 40.306120 Longitude: -104.646168

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

Reference Location:

Facility Type: PIPELINE

☐ Facility/Location ID No _____

Spill/Release Point Name: _____ ☒ No Existing Facility or Location ID No.

Number: _____ ☐ 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? No

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): Unknown

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: Overcast and cool

Surface Owner: OTHER (SPECIFY)

Other(Specify): Private Landowner

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 Environmental was informed by DCP Pipeline group of a pipeline release on November 21st, 2016 around 3:00 pm. At the time of discovery the pipeline was isolated and blowdown, preventing the release from continuing. DCP Pipeline group visited the potential release site to perform the initial investigation. At that time they determined that the pipeline had ruptured and a release of greater than 1 but less than 5 barrels of condensate had occurred. The DCP Environmental group visited the site on November 22nd' 2016 to investigate the release. During the investigation the size of the release was confirmed. DCP Environmental contacted a third party remediation contractor to inform them of the release location and to have them preform an initial site visit and investigation of the release location.

List Agencies and Other Parties Notified:

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes ☐ No ☐

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with this E & P waste spill or release? Yes ☐ No ☐

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:	09/20/2019		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE			<input checked="" 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): _____ Width of Impact (feet): _____

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

How was extent determined?

At a marked area premarked by DCP personnel at the center of an impacted vegetation area, a borehole (BH01) was advanced using hand augur drilling to 8 feet bgs. Soil samples were collected from the surface to the bottom of the borehole at 1-foot intervals for PID field screening. Two soil samples were submitted for laboratory analysis of BTEX and TPH-GRO/DRO from BH01 at the depth interval with the highest PID reading (6' bgs - 321.1 ppm) and the base of the borehole (9.8 ppm). The remaining depth intervals exhibited lower PID readings than the 6-foot interval. Additionally, recovered soils did not exhibit hydrocarbon staining or odors. The laboratory analytical data for these samples were returned non-detect, below laboratory detection limits. Four additional boreholes were advanced approximately 10 feet from BH01 in each cardinal direction and were completed to 8 feet bgs and soil samples were collected from each location at 1-foot intervals for PID field screening. PID readings within BH01 to BH04 were significantly less than those observed in BH01 with values ranging from 0.0 to 9.8 ppm. Due to the low PID values, samples were not submitted for laboratory analysis from those locations. Based on the PID observations and laboratory analytical data, impacted soil above COGCC standards was not present at the Site. Groundwater was not encountered during the hand augur activities. DCP personnel assumed there was a rupture due to distressed vegetation. However, the pipeline in question was never operated by DCP and was purchased from Snyder. Subsequent to the purchase, DCP cut and capped the line near CR45 and CR44 and it is essentially a dead log off of the DCP system. Because the soil samples that were collected came back as non-detect and vegetation has regrown, DCP did not perform an excavation to daylight the pipeline to determine if a rupture had occurred prior to DCP's purchase of the system from Snyder.

Soil/Geology Description:

Olney fine sandy loam, 1 to 3 percent slopes

Depth to Groundwater (feet BGS) 8 Number Water Wells within 1/2 mile radius: 10

If less than 1 mile, distance in feet to nearest	Water Well	680	None	<input type="checkbox"/>	Surface Water	3200	None	<input type="checkbox"/>
	Wetlands	2400	None	<input type="checkbox"/>	Springs		None	<input checked="" type="checkbox"/>
	Livestock	850	None	<input type="checkbox"/>	Occupied Building	230	None	<input type="checkbox"/>

Additional Spill Details Not Provided Above:

The Colorado Division of Water Resources data base was consulted for nearby water wells. The nearest registered water well to the Site indicated a static depth to groundwater of 8 feet bgs. Therefore that depth was referenced in this document. However, hand augur soil borings were advanced to approximately 8 feet bgs and groundwater was not encountered at any location. The boring log for BH01 is attached. Because the soil type did not change from BH01 though BH05 and hydrocarbon impacts were not observed, boring logs for BH02 through BH05 were not completed.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/20/2019

Cause of Spill (Check all that apply) ☐ Human Error ☐ Equipment Failure ☐ Historical-Unknown
☒ Other (specify) Unknown

Describe Incident & Root Cause (include specific equipment and point of failure)

During the initial response activities, DCP personnel assumed a release had occurred due to an area of dead vegetation as displayed on the Google Earth Aerial imagery on Figure 2. However, based on collected data from soil sampling activities, impacted soil was not discovered at this location and an incident and root cause leading to the dead vegetation was not determined. Additionally, the most recent Google Earth aerial imagery of the Site (October 14, 2017 and September 12, 2018) shows no indication of distressed vegetation.

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

Due to several factors including that the laboratory analytical data from the two soil samples collected came back non-detect, that DCP had not operated the pipeline, and that vegetation has regrown without issue, DCP did not deem it necessary to perform an excavation to verify if a rupture had occurred. Since implementation of the soil sampling activities described herein, the most recent Google Earth aerial imagery of the Site (October 14, 2017 and September 12, 2018) shows no indication of distressed vegetation. Therefore, based on these images and the soil sample analytical data collected, the distressed vegetation appears not to have been caused by a pipeline release. Additionally, the line is cut, capped, and has been abandoned in-place.

Volume of Soil Excavated (cubic yards): 0

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: Chandler Cole

Title: Compliance Coordinator Date: 10/06/2019 Email: cecole@dcpmidstream.com

COA Type

Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402184113	ANALYTICAL RESULTS
402184129	SITE MAP
402184132	SITE MAP
402184133	SITE MAP
402199570	OTHER

Total Attach: 5 Files

General Comments

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

Total: 0 comment(s)