

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

402934259

Date Received:

01/22/2022

Spill report taken by:

Graber, Candice  
(Nikki)

Spill/Release Point ID:

481427

## 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 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

### OPERATOR INFORMATION

Name of Operator: DCP OPERATING COMPANY LP	Operator No: 4680	<b>Phone Numbers</b>  Phone: <u>(970) 378-6389</u> Mobile: <u>(970) 939-0329</u> Email: <u>cecole@dcpmidstream.com</u>
Address: 370 17TH STREET - SUITE 2500		
City: DENVER	State: CO Zip: 80202	
Contact Person: Chandler Cole		

☐ Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402927836

Initial Report Date: 01/14/2022 Date of Discovery: 01/12/2022 Spill Type: Historical Release

#### Spill/Release Point Location:

QTRQTR NESE SEC 35 TWP 4N RNG 66W MERIDIAN 6

Latitude: 40.267356 Longitude: -104.735617

Municipality (if within municipal boundaries): County: WELD

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

#### Reference Location:

Facility Type: GAS PROCESSING PLANT

☒ Facility/Location ID No 469293

Spill/Release Point Name: Mewbourn PWV

☐ Well API No. (Only if the reference facility is well) 05- -

☐ No Existing Facility or Location ID No.

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

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): &gt;=5 and &lt;100

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): &gt;=5 and &lt;100

Estimated Other E&amp;P Waste Spill Volume(bbl): 0

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify:

Has the subject Spill/Release been controlled at the time of reporting? Yes

#### Land Use:

Current Land Use: OTHER

Other(Specify): Gas Processing Facility

Weather Condition: Clear, 35 degrees, no precipitation

Surface Owner: OTHER (SPECIFY)

Other(Specify): Private

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

During produced water vessel (PWV) removal at the DCP Mewbourn Gas Plant on 01/12/2022 in accordance with the approved Form 27-S work plan (#402886141) associated with remediation # 14898, field screening results indicated that impacts to soil were likely below and in the immediate vicinity of both PWVs. Laboratory data, a photo documentation log, and a soil excavation are included in this Form 19 Supplemental within 10 days of discovery of the release. Due to laboratory delays, final data are not available at this time and will be submitted in a subsequent Form 19-S.

**List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
1/12/2022	Landowner	Jeff Little	719-767-8601	Keep informed as needed.

**REPORT CRITERIA**

**Rule 912.b.(1) Report to the Director (select all criteria that apply):**

- Yes Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.
- Waters of the State: Threatened to Impact Public Water System: Threatened to Impact
- Residence or Occupied Structure: n/a Livestock: n/a
- Wildlife: n/a Publicly-Maintained Road: n/a
- No Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.
- No Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.
- No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak
- Enter the approximate time of discovery \_\_\_\_\_ (HH:MM)
- Enter the Document Number of the Grade 1 Gas Leak Report, Form 44 \_\_\_\_\_
- Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? \_\_\_\_\_
- Enter the Document Number of the Initial Accident Report, Form 22 \_\_\_\_\_
- Was there damage during excavation? \_\_\_\_\_
- Was CO 811 notified prior to excavation? \_\_\_\_\_
- Yes Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.
- Estimated Volume of Impacted Solids (cu. yd.): 500
- Yes Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:
- ☐ The presence of free product or hydrocarbon sheen Surface Water
- ☐ The presence of free product or hydrocarbon sheen on Groundwater
- ☒ The presence of contaminated soil in contact with Groundwater
- ☐ The presence of contaminated soil in contact with Surface water
- Yes Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylights from the subsurface.

No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property.
	<input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
No	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

## SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 01/21/2022		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE			<input checked="" 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? <u>YES</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>20</u>		Width of Impact (feet): <u>40</u>	
Depth of Impact (feet BGS): <u>8</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
<p>Prior to PWV removal, DCP reported a spill associated with these PWVs in a Form 19-I (402242020) and a Form 19-S (402283236) in November 2019. Since that time, delineation of soil and groundwater impacts have been presented to COGCC in Form 27 reports associated with remediation #14898. Due to site infrastructure and known soil and groundwater impacts related to the PWVs, full delineation of soil impacts was not feasible during the current tank removal. In addition to the tanks, approximately 100 cubic yards of impacted soil were removed in an area 20'x 40'x 4' deep. Extents of the excavation were documented with field screening and full Table 915-1 soil laboratory analysis. Laboratory soil results are presented on Tables 1 -3, Appendix A, and volatile organic compound (VOC) results are presented on Figure 4. A photographic documentation log is presented as Appendix B.</p>			
Soil/Geology Description:			
Valent Sand, 3 to 9 percent slopes			
Depth to Groundwater (feet BGS) <u>21</u>		Number Water Wells within 1/2 mile radius: <u>18</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>200</u> None <input type="checkbox"/>	Surface Water <u>125</u> None <input type="checkbox"/>	
	Wetlands <u>125</u> None <input type="checkbox"/>	Springs <u>1</u> None <input type="checkbox"/>	
	Livestock <u>1800</u> None <input type="checkbox"/>	Occupied Building <u>1200</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			
<p>Full table 915-1 laboratory data were not available for five of the eight soil confirmation samples at the time of the 10-day reporting deadline due to laboratory equipment failure. The unavailable data are presented on Table 3 as 'pending' and those data will be presented in a subsequent Form 19-S along with a closure request to continue remediation and reporting under existing remediation #14898. During excavation, concrete tank reinforcements were discovered below the excavation grade. Due to overlying utilities and infrastructure, the extents of the concrete were not determined. With regulator approval, the concrete was not removed prior to backfill, and will be removed during facility decommissioning in the future. The void space from the PWVs and excavated soil was backfilled with pea gravel, and two 375-gallon tanks with numerous 1/4" holes drilled in the sides and bottom were placed in the excavation as a vessel for future amendment delivery to remaining impacted soil. Photos of the excavation and the remediation system during installation are presented in Appendix B. No active remediation associated with the newly installed tanks will take place until a remediation work plan has been approved by COGCC.</p>			

## CORRECTIVE ACTIONS

#1	Supplemental Report Date:	01/21/2022
Root Cause of Spill/Release <u>Equipment Failure</u>		
Other (specify) _____		
Type of Equipment at Point of Spill/Release: <u>Partially Buried Vessel</u>		
If "Other" selected above, specify or describe here: <div style="border: 1px solid black; height: 30px; width: 100%; margin-top: 5px;"></div>		
Describe Incident & Root Cause (include specific equipment and point of failure) <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">On 11/17/2019, Operations noticed a drain valve on a condensate stabilizer re-boiler was leaking by to the produced water sump. The sump overflowed with a mixture of condensate and produced water. The release was discovered early on 11/17/2019, at which time Operations actuated the valve stopping the release.</div>		
Describe measures taken to prevent the problem(s) from reoccurring: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Additional automated valves were installed which are tied to the float switches within the sumps and will be actuated closed and will cut off process conveyance pipelines to the sumps should the float switches be triggered.</div>		
Volume of Soil Excavated (cubic yards): <u>100</u>		
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): _____		
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, check all that apply)
    - ☐ Horizontal and Vertical extents of impacts have been delineated.
    - ☐ Documentation of compliance with Table 915-1 is attached.
    - ☐ All E&P Waste has been properly treated or disposed.
  - ☐ Work proceeding under an approved Form 27 (Rule 912.c).  
Form 27 Remediation Project No: \_\_\_\_\_
  - ☐ SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

## OPERATOR COMMENTS:

During produced water vessel (PWV) removal at the DCP Mewbourn Gas Plant on 01/12/2022 in accordance with the approved Form 27-S work plan (#402886141) associated with remediation # 14898, field screening results indicated that impacts to soil were likely below and in the immediate vicinity of both PWVs. Prior to PWV removal, DCP reported a spill associated with these PWVs in a Form 19-I (402242020) and a Form 19-S (402283236) in November 2019. Since that time, delineation of soil and groundwater impacts have been presented to COGCC in Form 27 reports associated with remediation #14898. Full table 915-1 laboratory data were not available for five of the eight soil confirmation samples at the time of the 10-day reporting deadline due to laboratory equipment failure, and those data will be submitted in a subsequent Form 19-S along with a closure request to continue reporting under remediation #14898.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____	Print Name: <u>Chandler Cole</u>
Title: <u>Compliance Coordinator</u>	Date: <u>01/22/2022</u> Email: <u>COGCCnotification@dcpmidstream.com</u>

### Condition of Approval

**COA Type****Description**

	Pursuant to Rule 912.b.(6) Operator will submit for Director Approval a Form 19 Supplemental Report within 90 days of the spill date with supporting documentation to demonstrate that the Spill has been cleaned up and complies with Table 915-1. The Form 19 Supplemental Report for closure is due by March 3, 2022.
1 COA	

### Attachment List

**Att Doc Num****Name**

402934259	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402934260	ANALYTICAL RESULTS
402938939	FORM 19 SUBMITTED

Total Attach: 3 Files

### General Comments

**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)