

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



OGCC RECEPTION

Receive Date:

06/07/2021

Document Number:

402693892

Produced Water Transfer System

The Flowline Report, Form 44, shall be submitted to register, report realignment, report removal from service, provide pre-abandonment notices, or report abandonment of Off-Location Flowlines, Flowline Systems, Produced Water Transfer Systems, or Crude Oil Transfer Lines or Systems as required by the 1100 Series Rules. The Form 44 shall also be submitted to register, report realignment, or report abandonment of Domestic Taps, and to report Grade 1 Gas Leaks from Flowlines per Rules 610 and

Operator Information

OGCC Operator Number: 10456 Contact Person: Zachary Harvey  
Company Name: CAERUS PICEANCE LLC Phone: (720) 788-8687  
Address: 1001 17TH STREET #1600 Email: zharvey@caerusoilandgas.com  
City: DENVER State: CO Zip: 80202  
Is the Operator a Tier One member of the Utility Notification Center of Colorado (CO811) that participates in Colorado's One Call notification system? Yes  No

PRODUCED WATER TRANSFER SYSTEM

PRODUCED WATER TRANSFER SYSTEM IDENTIFICATION  
Facility ID: 477170 Transfer System Name: Bull Fork Water System Action Type: Pre-Abandonment Notice  
Estimated Daily Transfer Volume: 0 barrels Financial Assurance Rule 712 Facility Surety ID: 20190120

PRODUCED WATER TRANSFER SYSTEM REGISTRATION

Planned Construction Date: 06/28/2021  
A representative legal location and associated latitude and longitude near the center of the transfer system.  
County: RIO BLANCO  
Qtr: NENE Section: 2 Township: 4S Range: 98W Meridian: 6  
Latitude: 39.734968 Longitude: -108.349459  
GPS Quality Value: 2.3 Type of GPS Quality Value: Accuracy in Meters Measurement Date: 07/08/2009

PRODUCED WATER TRANSFER LINE AS-BUILT

Date Produced Water Transfer Line was Placed into Service: 07/04/2009  
Pipe Description and Testing  
Type of Fluid Transferred: Produced Water Pipe Material: Carbon Steel Standard Dimension Ratio: (for HDPE pipe only)  
Max outer Diameter (inches): 4.000 Wall Thickness: Weight (lb/ft): Grade:  
Coating: True Pipe Material: Native Materials Burial Depth: 4  
Max Anticipated Operating PSI: 0 Testing Pressure: 30 Test Date: 07/15/2020  
Description of Corrosion Protection:  
In areas with declines in gas and water volumes, Caerus typically batch treats wells and water lines with chemicals to mitigate corrosion. Gas lines are downstream of separation, minimizing corrosion potential. Coupons are placed at key points in water/liquids lines. Gathering lines are pigged and regular water analyses are analyzed to determine if updates are needed to the mitigation program.  
Description of Integrity Management Program:  
Caerus' Integrity Management Program incorporates pipeline testing, analysis and corrosion mitigation methods, which include pressure testing, pressure monitoring, and when possible, in-line inspection or other technologies to

assess pipeline integrity. In-line inspection has been successful at identifying corrosion prior to line failures. The Integrity Management Team is continually researching new technologies and how they may fit within the program. Chemical residuals and corrosion coupons are used to determine chemical levels in the pipeline system. Data is collected, validated and analyzed by the Integrity Team. Corrosion mitigation methods may include chemical treatment, mechanical cleaning, physical barriers or where feasible, alternative materials. Caerus is implementing software to model corrosion rates on lines where in-line inspection data is present.

**Description of the construction method used for public by-ways, road crossings, sensitive wildlife habitats, sensitive areas, and natural and manmade watercourses (i.e., open trench, bored and cased, or bored only), if applicable.**

Caerus does not frequently bore under sensitive areas or public by-ways and does not typically utilize pipeline casings in regular construction. However, when required, Caerus references applicable federal, state and local regulations or industry standards for guidance regarding pipeline design.

**PRODUCED WATER TRANSFER SYSTEM PRE-ABANDONMENT NOTICE**

Date: 06/21/2021

**Pre-Abandonment 30-day Notice**

- Removed per Rule 1105.d.(2)
- Abandoned In Place per Rule 1105.d.(2) Exceptions - select all that apply:
  - A. A surface owner agreement executed by a surface owner allows abandonment in place.
  - B. The line is subject to the jurisdiction of the federal government, and the relevant federal agency directs abandonment in place.
  - C. The flowline or crude oil transfer line is co-located with other active pipelines or utilities or is in a recorded right of way.
  - D. Removal of the line would cause significant damage to natural resources, including wildlife resources, topsoil, or vegetation.
  - E. The flowline or crude oil transfer line is in a restricted surface occupancy area or sensitive wildlife habitat.
  - F. The flowline or crude oil transfer line or a segment of the line crosses or is within 30 feet of a public road, railroad, bike path, public right of way, utility corridor, or active utility or pipeline crossing.
  - G. The flowline or crude oil transfer line or a segment of the line crosses or is within 30 feet of or from under a river, stream, lake, pond, reservoir, wetlands, watercourse, waterway, or spring.
  - H. The operator demonstrates and quantifies that the removal of the flowline will cause significant emissions of air pollutants.
- Abandoned In Place per Rule 1105.d.(3)

Description of Pre-Abandonment Notice:

Caerus will be abandoning in place 3.47 miles of the 3" Eureka water gathering line-23467 (formerly ID 6879) along with the seven (7) associated laterals that tie into the line. The laterals are M01 3" water(id 6868), A02 3" water(id 6884), A11 3" water(id 6886), J11 3" water(id 6887), M11 3" water(id 6889), and B15 2" water. All lines will be evacuated of any liquids and blown down to atmosphere. The laterals will be cut and capped on location and where they tie into the main line eliminating any and all ball valves associated. The Eureka 3" main line will be cut and capped on both ends (see pic in attachment) and the future and inline valve near the F11 pad will be removed and capped. All caps will be in accordance with rule 1105.e.(3).

**OPERATOR COMMENTS AND SUBMITTAL**

Comments

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

Signed: \_\_\_\_\_ Date: 06/07/2021 Email: zharvey@caerusoilandgas.com

Print Name: Zachary Harvey Title: Integrity Coordinator

Based on the information provided herein, this Flowline Report complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ **Director of COGCC** Date: \_\_\_\_\_

## Conditions of Approval

**COA Type**

**Description**

--	--

## Attachment Check List

**Att Doc Num**

**Name**

402704952	PROPOSED ABANDONMENT LAYOUT DRAWING
402705039	PRESSURE TEST

Total Attach: 2 Files

## General Comments

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval

Total: 0 comment(s)