

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:

09/24/2020

Document Number:

402496971

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 906.

Operator Information

OGCC Operator Number: 10456 Contact Person: Kristine Mize-Spansky
Company Name: CAERUS PICEANCE LLC Phone: (720) 8806368
Address: 1001 17TH STREET #1600 Email: kmizespansky@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: Realignment
Estimated Daily Transfer Volume: 312 barrels Financial Assurance Rule 712 Facility Surety ID: 20190120

PRODUCED WATER TRANSFER SYSTEM REGISTRATION

Planned Construction Date: 08/01/2009
A representative legal location and associated latitude and longitude near the center of the transfer system.
County: RIO BLANCO
Qtr 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: PDOP Measurement Date: 10/18/2019

PRODUCED WATER TRANSFER LINE AS-BUILT

Date Produced Water Transfer Line was Placed into Service: _____

Pipe Description and Testing

Type of Fluid Transferred: Produced Water Pipe Material: _____ Standard Dimension Ratio: _____ (for HDPE pipe only)
Max outer Diameter (inches): _____ Wall Thickness: _____ Weight (lb/ft): _____ Grade: _____
Coating: _____ Pipe Material: _____ Burial Depth: _____
Max Anticipated Operating PSI: _____ Testing Pressure: _____ Test Date: _____

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 REALIGNMENT

Date: 09/24/2020

Description of Realignment:

Quarterly update of system database alignment with changes identified by operators and line locators.

OPERATOR COMMENTS AND SUBMITTAL

Comments

Quarterly update of system database alignment with changes identified by operators and line locators.
Please let me know if you have any questions!

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

Signed: _____ Date: 09/24/2020 Email: kmizespansky@caerusoilandgas.com

Print Name: Kristine Mize-Spansky Title: Integrity Managment & GIS

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

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Attachment Check List

Att Doc Num

Name

402496981	PRODUCED WATER TRANSFER SYSTEM GEODATABASE SHP
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Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

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

Total: 0 comment(s)

