

State of Colorado
Oil and Gas Conservation Commission

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OGCC RECEPTION

Receive Date:

06/03/2021

Document Number:

402705117

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: 96850 Contact Person: Vicki Schoeber
Company Name: TEP ROCKY MOUNTAIN LLC Phone: (970) 263-2721
Address: PO BOX 370 Email: vschoeber@terraep.com
City: PARACHUTE State: CO Zip: 81635
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: 480058 Transfer System Name: TC_RyanGulch Action Type: As Built
Estimated Daily Transfer Volume: 70000 barrels Financial Assurance Rule 712 Facility Surety ID: 20180062

PRODUCED WATER TRANSFER SYSTEM REGISTRATION
Planned Construction Date: 05/06/2021
A representative legal location and associated latitude and longitude near the center of the transfer system.
County: RIO BLANCO
Qtr: NWNE Section: 18 Township: 2S Range: 97W Meridian: 6
Latitude: 39.881910 Longitude: -108.322670
GPS Quality Value: 2.2 Type of GPS Quality Value: PDOP Measurement Date: 12/22/2020

PRODUCED WATER TRANSFER LINE AS-BUILT

Date Produced Water Transfer Line was Placed into Service: 05/18/2021
Pipe Description and Testing
Type of Fluid Transferred: Produced Water Pipe Material: HDPE Standard Dimension Ratio: (for HDPE pipe only)
Max outer Diameter (inches): 10.000 Wall Thickness: 1.233 Weight (lb/ft): 16.72 Grade: R9
Coating: Pipe Material: Native Materials Burial Depth:
Max Anticipated Operating PSI: 230 Testing Pressure: 240 Test Date: 05/18/2021

Description of Corrosion Protection:

Lines utilized for remote frac lines are 4 1/2" 15.1 ppf P-110 casing which is inherently corrosion resistant. Additionally, where pressures allow, high-density polyethylene (HDPE) pipe may be used. As the lines are in use temporarily at each site, after every use when the lines are removed, each joint is electromagnetically scanned for wall thickness. All lines found to have greater than 80% wall loss are taken out of service. Remote Frac Lines are blown dry at the end of each completion group, as well as any time a shutdown is required lasting more than 24 hours. No other corrosion monitoring is utilized while lines are in service.

Description of Integrity Management Program:

Remote Frac Lines are initially pressure tested above max working pressure after installation before the lines are put into service. The lines are subsequently pressure tested to maximum working pressure before each frac stage is pumped. Also, the lines are continuously monitored individually by wireless automation in real time and by dedicated personnel at each end of the line and along the line route.

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.

Lines are installed along pre-determined designated routes by certified welders and construction personnel. Lines are appropriately marked in high-density areas, and at any crossings. BMP's are used when installing lines cross country to mitigate disturbance.

OPERATOR COMMENTS AND SUBMITTAL

Comments

This as-built submittal is for TEP Rocky Mountain LLC's (TEP) temporary completion and flowback operations system located in Ryan Gulch, Rio Blanco County. This system consists of: 1-10" SDR9 HDPE surface poly transfer line (10" OD, 8.219" ID) to the RGU 23-7-297 pad (Loc ID #316408) Line #5056, approximately 18,400' in length. Approximately 35,000 bbls PW per day while frac'ing and 15,000 bbls per day while flowing back. Also installed 4-4-1/2" 15.1 ppf P-110 temporary surface steel lines, approximately 6400' each in length, (4.5" OD, 3.826" ID) line #s 5057-5060 from the RGU 23-7-297 pad to the RG 41-18-297 pad (Loc ID #316591. Approximately 70,000 bbls PW per day while frac'ing and 15,000 bbls per day while flowing back for the combined system.

TEP anticipates segments within the system will be realigned as completion operations follow drilling activity. Future realignment submittals will include updated geodata and 4 hour initial pressure test data.

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

Signed: _____ Date: 06/03/2021 Email: vschoeber@terraep.com

Print Name: Vicki Schoeber Title: Regulatory Specialist

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: 7/20/2021

Conditions of Approval

COA Type

Description

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Attachment Check List

Att Doc Num

Name

402705117	Form44 Submitted
402705412	PRESSURE TEST
402705414	PRODUCED WATER TRANSFER SYSTEM GIS GDB
402707554	PRESSURE TEST
402707928	AFFIDAVIT OF COMPLETION

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)