

State of Colorado Energy & Carbon Management Commission

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ECMC RECEPTION

Receive Date:

06/11/2024

Document Number:

403614365

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

ECMC Operator Number: 46685 Contact Person: Jenna Emerick
Company Name: KINDER MORGAN CO2 CO LLC Phone: (970) 882-5537
Address: 1001 LOUISIANA ST SUITE 1000 Email: CO2Source_regulatory@kindermorgan.com
City: HOUSTON State: TX Zip: 77002
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 [X] No []

PRODUCED WATER TRANSFER SYSTEM

PRODUCED WATER TRANSFER SYSTEM IDENTIFICATION

Facility ID: 476468 Transfer System Name: HWD-1 & 2 Action Type: Abandonment Verification
Estimated Daily Transfer Volume: 2800 barrels Financial Assurance Rule 712 Facility Surety ID: 2023016

PRODUCED WATER TRANSFER SYSTEM REGISTRATION

Planned Construction Date:
A representative legal location and associated latitude and longitude near the center of the transfer system.
County: MONTEZUMA
Qtr Qtr: NWNE Section: 30 Township: 38N Range: 18W Meridian: N
Latitude: 37.528801 Longitude: -108.871690
GPS Quality Value: 5.9 Type of GPS Quality Value: PDOP Measurement Date: 10/29/2019

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: Other Standard Dimension Ratio: (for HDPE pipe only)
Max outer Diameter (inches): 3.000 Wall Thickness: Weight (lb/ft): Grade:
Coating: True Pipe Material: Native Materials Burial Depth: 4
Max Anticipated Operating PSI: 592 Testing Pressure: 592 Test Date: 09/17/2019

Description of Corrosion Protection:

Gathering flowlines are protected against external corrosion by one of two systems of sacrificial anodes. One utilizes small local anode beds (Sand Canyon, Moqui, Yellow Jacket, Hovenweep), the other uses a large set of deep anodes at central distributed locations (Yellow Jacket partial, Doe Canyon, Cow Canyon, Goodman Point). Both systems employ test stations at intervals along the flow line where the pipe-to-soil voltage is monitored on a minimum annual basis. Repairs, modifications, and adjustments are then made to return out-of-spec voltage into spec. This can include replacing depleted anode beds, repairing test station connection to the pipe, and adjusting

current down individual lines on distributed systems.

Description of Integrity Management Program:

Kinder Morgan's Integrity Management Program for produced water line systems consists of an annual pressure test of all gathering disposal flowlines from associated facilities to the respective disposal well facility. The lines are shut in at normal operating pressure and data logged for at least 30 minutes once the pressure has stabilized. Kinder Morgan also conducts quarterly, inspections of all of disposal flowline Rights-of-Ways.

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.

Kinder Morgan prefers the open trench construction method. However, Kinder Morgan bores under all perennial water features and prefers to bore under public road crossings. All boring area typically have at least 6-8 feet of cover on the pipeline. In sensitive wildlife areas, Kinder Morgan self imposes timing restrictions while working in sensitive wildlife habitat to avoid critical nesting times or when big game is most vulnerable such as elk in early spring.

PRODUCED WATER TRANSFER SYSTEM ABANDONMENT VERIFICATION

Date: 10/05/2023

Abandonment Verification

The abandoned Produced Water Transfer System was located within the jurisdiction(s) of the following local government(s).

Jurisdiction	County	Municipality
County	MONTEZUMA	

Description of Abandonment Verification:

All fluids were evacuated from the HWD-2 flowline by conducting two (2) foam pig runs utilizing an air compressor and vacuum truck. After evacuation of all fluids, foam plugs were placed in each end of the flowline, approximately 30 inches from where the pipe was cut, and then capped with cement.

OPERATOR COMMENTS AND SUBMITTAL

Comments Form 44 abandonment verification for the HWD-2 PW line from the wellhead to the HD Cluster. The abandoned Produced Water Transfer System is located within the jurisdiction of the federal government (BLM). This form was originally submitted on 12/10/23, but was returned to draft for an unknown reason without notification to the operator. Evidence of submittal within the required timeframe (email submittal notification) is attached to this form.

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

Signed: _____ Date: 06/11/2024 Email: jenna_emerick@kindermorgan.com

Print Name: Jenna Emerick Title: EHS Specialist

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

ECMC Approved:  Director of ECMC Date: 3/21/2025

CONDITIONS OF APPROVAL, IF ANY LIST

COA Type

Description

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ATTACHMENT LIST

Att Doc Num

Name

403614365	Form44 Submitted
403630764	THIRD PARTY VERIFICATION
403630796	ABANDONMENT IN PLACE DOCUMENTATION
403632151	PRODUCED WATER TRANSFER SYSTEM GIS SHP
403820420	ABANDONMENT IN PLACE DOCUMENTATION

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)