

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: 09/03/2020 Document Number: 402479111

Off-Location Flowline

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: 46685 Contact Person: Jake Forsman Company Name: KINDER MORGAN CO2 CO LP Phone: (970) 882-5541 Address: 1001 LOUISIANA ST SUITE 1000 Email: Jake\_forsman@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 [ ]

OFF LOCATION FLOWLINE

FLOWLINE ENDPOINT LOCATION IDENTIFICATION

Location ID: 450878 Location Type: Manifold Name: Doe Canyon Remote Manifold Number: 450878 County: DOLORES Qtr Qtr: SWNW Section: 18 Township: 40N Range: 17W Meridian: N Latitude: 37.730808 Longitude: -108.781066

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 (SC, Moqui, YJ, HW), the other uses a large set of deep anodes at central distributed locations (YJ Partial, DC, CC, GP). 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 System consists of annual pressure testing of our gathering lines. The lines are shut in at normal operating pressure and data logged for atleast 30 minutes once the prssure has stabilized. Kinder Morgan also conducts audio, visual and olfactory(AVO) inspections of all of Kinder Morgan's 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 bores under all perrenial water features and prefers to bore under public road crossings. All boring areas typically have atleast 6-8 feet of cover on the pipeline. In wildlife sensitive areas, Kinder Morgan follows and self imposes timing restrictions while working in sensitive wildlife habitat but the preferred construction method is open trench.

All construction activities follow ASME standards B31.8 and B31.3. All welding activities are held to the API 1104 standards.

**FLOWLINE FACILITY INFORMATION**

Flowline Facility ID: 477779 Flowline Type: Wellhead Line Action Type: \_\_\_\_\_

**OFF LOCATION FLOWLINE REGISTRATION**

Equipment at End Point Riser: Manifold

**Flowline Start Point Location Identification**

Location ID: 322130 Location Type: \_\_\_\_\_ Well Site

Name: DOE CANYON-N40N17W Number: 8SEnw

County: DOLORES No Location ID

Qtr Qtr: SEnw Section: 8 Township: 40N Range: 17W Meridian: N

Latitude: 37.744120 Longitude: -108.750870

Equipment at Start Point Riser: Well

**Flowline Description and Testing**

Type of Fluid Transferred: Multiphase Pipe Material: Stainless/Carb Max Outer Diameter:(Inches) 10.000  
on Steel/HDPE

Bedding Material: Native Materials Date Construction Completed: 01/17/2008

Maximum Anticipated Operating Pressure (PSI): 639 Testing PSI: 639

Test Date: 07/08/2020

**OFF LOCATION FLOWLINE Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification**

Date: \_\_\_\_\_

**Description of Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification:**

\_\_\_\_\_

**FLOWLINE FACILITY INFORMATION**

Flowline Facility ID: 477777 Flowline Type: Wellhead Line Action Type: \_\_\_\_\_

**OFF LOCATION FLOWLINE REGISTRATION**

Equipment at End Point Riser: Manifold

**Flowline Start Point Location Identification**

Location ID: 322131 Location Type: \_\_\_\_\_ Well Site

Name: DOE CANYON-N40N17W Number: 18NWNW

County: DOLORES No Location ID

Qtr Qtr: NWNW Section: 18 Township: 40N Range: 17W Meridian: N

Latitude: 37.731550 Longitude: -108.779470

Equipment at Start Point Riser: Well

**Flowline Description and Testing**

Type of Fluid Transferred: Multiphase Pipe Material: Stainless/Carb Max Outer Diameter:(Inches) 10.000  
on Steel/HDPE

Bedding Material: Native Materials Date Construction Completed: 09/11/2008

Maximum Anticipated Operating Pressure (PSI): 630 Testing PSI: 630

Test Date: 07/08/2020

**OFF LOCATION FLOWLINE Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification**

Date: \_\_\_\_\_

**Description of Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification:**

\_\_\_\_\_

**FLOWLINE FACILITY INFORMATION**

Flowline Facility ID: 477778 Flowline Type: Wellhead Line Action Type: Pre-Abandonment Notice

**OFF LOCATION FLOWLINE REGISTRATION**

Equipment at End Point Riser: Manifold

**Flowline Start Point Location Identification**

Location ID: 322129 Location Type: Well Site

Name: DOE CANYON-N40N17W Number: 6NESW

County: DOLORES No Location ID

Qtr Qtr: NESW Section: 6 Township: 40N Range: 17W Meridian: N

Latitude: 37.756500 Longitude: -108.770785

Equipment at Start Point Riser: Well

**Flowline Description and Testing**

Type of Fluid Transferred: Multiphase Pipe Material: Stainless/Carb on Steel/HDPE Max Outer Diameter:(Inches) 10.000

Bedding Material: Native Materials Date Construction Completed: 07/11/2007

Maximum Anticipated Operating Pressure (PSI): 345 Testing PSI: 345

Test Date: 07/08/2020

**OFF LOCATION FLOWLINE Pre-Abandonment Notice**

Date: 10/05/2020

**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:**

The northern-most 450 feet of the DC-3 flowline will then be excavated and removed. The DC-3 flowline will be evacuated of produced water using foam pigs starting at the northern end of the section that will be abandoned in-place and ending at the Doe Canyon Manifold. The evacuated fluid will be captured and loaded onto a water truck and disposed of at one of Kinder Morgan's permitted UIC disposal wells.

After the pigging procedure has been completed, the southern end of the flowline will be capped using a bolted blind flange and the northern end will be capped by welding a steel plate to the cut-off end of the pipe. Both ends will be buried at least 3 feet below the ground surface. All above ground risers, including the manifold and annulus vents located along the flowline, will be excavated using non-mechanical excavation methods, removed and plugged. There are four annulus vents located along the Right-of-Way (see attached map).

**FLOWLINE FACILITY INFORMATION**

Flowline Facility ID: 477743 Flowline Type: Wellhead Line Action Type: \_\_\_\_\_

**OFF LOCATION FLOWLINE REGISTRATION**

Equipment at End Point Riser: Manifold

**Flowline Start Point Location Identification**

Location ID: 322133 Location Type: Well Site

Name: DOE CANYON-N40N17W Number: 6SWSW

County: DOLORES No Location ID

Qtr Qtr: SWSW Section: 6 Township: 40N Range: 17W Meridian: N

Latitude: 37.749859 Longitude: -108.774020

Equipment at Start Point Riser: Well

**Flowline Description and Testing**

Type of Fluid Transferred: Multiphase Pipe Material: Stainless/Carb on Steel.HDPE Max Outer Diameter:(Inches) 10.000

Bedding Material: Native Materials Date Construction Completed: 03/10/2008

Maximum Anticipated Operating Pressure (PSI): 614 Testing PSI: 614

Test Date: 07/08/2020

**OFF LOCATION FLOWLINE Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification**

Date: \_\_\_\_\_

**Description of Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification:**

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**FLOWLINE FACILITY INFORMATION**

Flowline Facility ID: 477756 Flowline Type: Wellhead Line Action Type: \_\_\_\_\_

**OFF LOCATION FLOWLINE REGISTRATION**

Equipment at End Point Riser: Manifold

**Flowline Start Point Location Identification**

Location ID: 311528 Location Type: Well Site

Name: FEDERAL 8-40-17-N40N17W Number: 8NENE

County: DOLORES No Location ID

Qtr Qtr: NENE Section: 8 Township: 40N Range: 17W Meridian: N

Latitude: 37.747216 Longitude: -108.740423

Equipment at Start Point Riser: Well

**Flowline Description and Testing**

Type of Fluid Transferred: Multiphase Pipe Material: Stainless/Carb Max Outer Diameter:(Inches) 10.000  
on Steel/HDPE

Bedding Material: Native Materials Date Construction Completed: 05/17/2012

Maximum Anticipated Operating Pressure (PSI): 777 Testing PSI: 777

Test Date: 07/08/2020

**OFF LOCATION FLOWLINE Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification**

Date: \_\_\_\_\_

**Description of Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification:**

\_\_\_\_\_

**FLOWLINE FACILITY INFORMATION**

Flowline Facility ID: 477780 Flowline Type: Wellhead Line Action Type: \_\_\_\_\_

**OFF LOCATION FLOWLINE REGISTRATION**

Equipment at End Point Riser: Manifold

**Flowline Start Point Location Identification**

Location ID: 322128 Location Type: Well Site

Name: DOE CANYON-N40N18W Number: 13SESE

County: DOLORES

No Location ID

Qtr Qtr: SESE Section: 13 Township: 40N Range: 18W Meridian: N

Latitude: 37.728877 Longitude: -108.786562

Equipment at Start Point Riser: Well

**Flowline Description and Testing**

Type of Fluid Transferred: Multiphase Pipe Material: Stainless/Carb on Steel/HDPE Max Outer Diameter:(Inches) 10.000

Bedding Material: Native Materials Date Construction Completed: 06/12/2007

Maximum Anticipated Operating Pressure (PSI): 663 Testing PSI: 663

Test Date: 07/08/2020

**OFF LOCATION FLOWLINE Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification**

Date: \_\_\_\_\_

**Description of Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification:**

\_\_\_\_\_

**FLOWLINE FACILITY INFORMATION**

Flowline Facility ID: 477781 Flowline Type: Wellhead Line Action Type: \_\_\_\_\_

**OFF LOCATION FLOWLINE REGISTRATION**

Equipment at End Point Riser: Manifold

**Flowline Start Point Location Identification**

Location ID: 454941 Location Type: Well Site

Name: DC Number: 22

County: DOLORES No Location ID

Qtr Qtr: SESW Section: 8 Township: 40N Range: 17W Meridian: N

Latitude: 37.737200 Longitude: -108.751610

Equipment at Start Point Riser: Well

**Flowline Description and Testing**

Type of Fluid Transferred: Multiphase Pipe Material: Stainless Steel Max Outer Diameter:(Inches) 6.000

Bedding Material: Native Materials Date Construction Completed: 11/29/2018

Maximum Anticipated Operating Pressure (PSI): 776 Testing PSI: 776

Test Date: 10/20/2019

**OFF LOCATION FLOWLINE Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification**

Date: \_\_\_\_\_

**Description of Realignment, Out of Service, Pre-Abandonment Notice, or Abandonment Verification:**

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**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: 09/03/2020 Email: CO2Source\_Regulatory@kindermorgan.com

Print Name: Jake Forsman Title: EHS 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: \_\_\_\_\_

## Conditions of Approval

**COA Type**

**Description**

### Attachment Check List

**Att Doc Num**

**Name**

402481709	PRESSURE TEST
402481710	PRESSURE TEST
402481712	PRESSURE TEST
402481714	PRESSURE TEST
402481715	PRESSURE TEST
402481716	PRESSURE TEST
402481720	OFF-LOCATION FLOWLINE GEODATABASE SHP
402482129	ABANDONMENT IN PLACE DOCUMENTATION
402482138	PROPOSED ABANDONMENT LAYOUT DRAWING
402482141	ABANDONMENT IN PLACE DOCUMENTATION
402482198	ABANDONMENT IN PLACE DOCUMENTATION

Total Attach: 11 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)

