

State of Colorado Oil and Gas Conservation Commission

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OGCC RECEPTION Receive Date: 06/29/2020 Document Number: 402415237

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

Operator Information

OGCC Operator Number: 10459 Contact Person: Nathan Bennett Company Name: EXTRACTION OIL & GAS INC Phone: (720) (720) 354-4616 Address: 370 17TH STREET SUITE 5300 Email: nbennett@extractionog.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 [X] No []

OFF LOCATION FLOWLINE

FLOWLINE ENDPOINT LOCATION IDENTIFICATION

Location ID: 452644 Location Type: Production Facilities Name: Box Elder 31-21, 41-21 Number: Tank Battery County: ADAMS Qtr Qtr: NWNE Section: 21 Township: 2S Range: 66W Meridian: 6 Latitude: 39.870535 Longitude: -104.778809

Description of Corrosion Protection

Extraction's corrosion procedures are detailed in its Flowline Management SOP. Coating materials will be used that minimize internal and external corrosion, such as internally coated pipe or stainless steel for water service, and externally coated FBE on all buried steel pipe. If flowlines are repaired due to corrosion, Extraction will investigate the failure, promptly respond with the appropriate remedial actions and determine the root cause and apply corrective actions as necessary. Extraction retains records of its chemical program in the form of Failure Analysis Reports, records of chemical invoices and chemical delivery.

Description of Integrity Management Program

Extraction's integrity management program is detailed in its Flowline Management SOP, which covers flowline installation, operation, maintenance, inspection, testing, and repairs. Prior to beginning any project involving flowlines, Extraction ensures the project plans, flowline installation, flowline maintenance (including repairs) and all flowline inspection and testing projects meet the requirements of the Flowline Management SOP. All pressure tests on flowlines will be conducted by an independent, third party qualified to do such testing. Precautions shall be taken to protect employees and the general public.

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.

N/A

FLOWLINE FACILITY INFORMATION

Flowline Facility ID: 459568 Flowline Type: Wellhead Line Action Type:

OFF LOCATION FLOWLINE REGISTRATION

Equipment at End Point Riser: Separator

Flowline Start Point Location Identification

Location ID: 319956 Location Type: Production Facilities
Name: BOX ELDER FARMS 31-21-62S66W Number: 21NWNE
County: ADAMS No Location ID
Qtr Qtr: NWNE Section: 21 Township: 2S Range: 66W Meridian: 6
Latitude: 39.869130 Longitude: -104.778982

Equipment at Start Point Riser: Well

Flowline Description and Testing

Type of Fluid Transferred: Multiphase Pipe Material: Carbon Steel Max Outer Diameter:(Inches) 2.375
Bedding Material: Native Materials Date Construction Completed: 02/11/1979
Maximum Anticipated Operating Pressure (PSI): 136 Testing PSI: 136
Test Date: 04/28/2018

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

Date: 08/23/2018

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

The entire 2" steel flowline and 1" poly return/supply line were removed. This flowline was removed in its entirety in August 2018.

FLOWLINE FACILITY INFORMATION

Flowline Facility ID: 459567 Flowline Type: Wellhead Line Action Type: Out of Service

OFF LOCATION FLOWLINE REGISTRATION

Equipment at End Point Riser: Separator

Flowline Start Point Location Identification

Location ID: 319781 Location Type: Well Site
Name: BOX ELDER FARMS 41-21-62S66W Number: 21NENE
County: ADAMS No Location ID
Qtr Qtr: NENE Section: 21 Township: 2S Range: 66W Meridian: 6
Latitude: 39.869055 Longitude: -104.774314

Equipment at Start Point Riser: Well

Flowline Description and Testing

Type of Fluid Transferred: Multiphase Pipe Material: Carbon Steel Max Outer Diameter:(Inches) 2.500
Bedding Material: Native Materials Date Construction Completed: 10/06/1973
Maximum Anticipated Operating Pressure (PSI): 500 Testing PSI: 136
Test Date: 05/02/2018

OFF LOCATION FLOWLINE Out of ServiceDate: 04/08/2020 Entire Line Removal Partial Line Removal**Description of Out of Service:**

The flowline serving the Box Elder 41-21 #1 was placed out of service on 04/08/2020. AVO was performed; all dump lines, bypass, and back-pressure lines were successfully tested and subsequently LOTO'd. All tags/plates were determined to be legible.

OPERATOR COMMENTS AND SUBMITTAL

Comments

This form is being submitted as a December 1, 2020 update to include a gis shapefile and description of the integrity management plan and corrosion protection plan for the Box Elder Farms 41-21 1 flowline.

This Form 44 was updated on 06/29/2020 per email from Cristelle Mangama. The following was updated:

- 00107399FL previously serviced the Box Elder 31-21 #2 well (05-001-07399). This well was P&A'd on 07/11/2018. The flowline was subsequently abandoned and removed in its entirety on 08/23/2018. The Form 44 for this abandonment was approved on 02/25/2019 (Doc #401926690).
- Updated 00107399FL GIS shapefile w/ attributes detailing the entire line was removed during abandonment.
- 00106750FL was placed out of service on or about 04/08/2020. This flowline services the Box Elder 41-21 #1 (05-001-06750). This well is currently SI. This flowline was registered via the original submission of this Form 44 (Doc #402415237) per comments above.
- Updates were made to the "out of service" information for 00106750FL. Information details the processes used when taking this line OOS (AVO, pressure testing, etc.).
- Added pressure test attachment for 00106750FL.
- Changed Submitter's information to N.Bennett as these updates were made by N.Bennett

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

Signed: _____ Date: 06/29/2020 Email: nbennett@extractionog.com

Print Name: Nathan Bennett Title: Regulatory Supervisor

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: 6/30/2020

Attachment Check List

Att Doc Num	Name
402415237	Form44 Submitted
402415254	OFF-LOCATION FLOWLINE GEODATABASE SHP
402433911	PRESSURE TEST
402434234	OFF-LOCATION FLOWLINE GEODATABASE SHP

Total Attach: 4 Files