

**FORM
INSP**

Rev
X/15

**State of Colorado
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Inspection Date:

06/14/2017

Submitted Date:

06/17/2017

Document Number:

685303333

FIELD INSPECTION FORM

Loc ID 333036 Inspector Name: St John, William (Cal) On-Site Inspection 2A Doc Num: _____

Status Summary:

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED

Operator Information:

OGCC Operator Number: 100264
Name of Operator: XTO ENERGY INC
Address: PO BOX 6501
City: ENGLEWOOD State: CO Zip: 80155

Findings:

- 25 Number of Comments
- 1 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Trobaugh, Robert	505-333-3185	robert_trobaugh@xtoenergy.com	SW Inspection Reports
Woolley, Jeff	505-333-3222	Jeff_Woolley@xtoenergy.com	SW Inspection Reports
Hixon, Logan	505-386-8018	logan_hixon@xtoenergy.com	SW EHS Tech

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
214789	WELL	PR	10/23/2003	GW	067-06393	MCDONALD C 1	PR
290779	WELL	PR	12/07/2007	GW	067-09370	MCDONALD C 2	PR

General Comment:

[2107 Flowline NTO Inspection 1000' Buffer](#)
[Shadowing Operator Pressure Testing Team](#)

Location			
Lease Road:			
Type	Access		
comment:	Dirt and gravel two track road.		
Corrective ActionL		Date:	
Overall Good: <input type="checkbox"/>			
Signs/Marker:			
Type	WELLHEAD		
Comment:	Free standing framed metal sign.		
Corrective Action:		Date:	
Emergency Contact Number:			
Comment:	Operator contact information posted on wellhead.		Date: _____
Corrective Action:			
Overall Good: <input type="checkbox"/>			
Spills:			
Type	Area	Volume	
In Containment: No			
Comment:			
<input type="checkbox"/> Multiple Spills and Releases?			
Equipment:			
Type: Flow Line	# 1		corrective date
Comment:	Not in use - 1" steel supply gas line from separator to wellhead. All points on location. 37.0364/-107.54487. Painted and tagged for abandonment.		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	In use - 2" steel blow down line from wellhead to producerd water tank. All points on location. 37.03264/-107.54492 from scout card.		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	In use - 3" steel line from wellhead casing to separator inlet. All points on location. 37.0364/-107.54487 from scout card.		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	In use - 1" steel supply gas line from separator outlet to wellhead. All points on location. 37.03264/-107.54492 from scout card.		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	In use - 3" line from separator outlet to meter isolation valve. All points on location. 37.03264/-107.54492 from scout card.		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	In use - 2" steel line from wellhead MesaVerde tubing to separator inlet. All points on location. 37.03264/-107.54492 from scout card.		

Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	In use - 3" steel line from wellhead tubing to separator inlet. All points on location. 37.0364/-107.54487 from scout card.		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	In use - 2" steel line from wellhead Fruitland coal tubing to separator inlet. All points on location. 37.03264/-107.54492 from scout card.		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	In use - 3" steel line from separator outlet to gas meter. All points on location. 37.0364/-107.54487 from scout card.		
Corrective Action:		Date:	

Venting:

Yes/No	NO		
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities

Facility ID: 214789 Type: WELL API Number: 067-06393 Status: PR Insp. Status: PR

Flowline

#1	Type:Well Site	1 of Lines
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Flowline Description

Flowline Type: Well Site Size: 2" Material: Carbon Steel
 Variance: Age: Contents: Natural Gas

Integrity Summary

Failures: Spills: Repairs Made:
 Coatings: H2S: Cathodic Protection:

Pressure Testing

Witnessed: Yes Test Result: Fail Charted: Yes

COGCC Rules(check all that apply)

1101. Installation and Reclamation 1102. Operations, Maintenance, and Repair 1103. Abandonment

Comment: Witnessed flow line pressure test on steel gas line from wellhead Fruitland Coal tubing to separator inlet. All points are on location. 37.03624/-107.54492 from Scout Card. Testing was part of requirement of May 2, 2017 NTO. Test was conducted using Crystal gauge for pressure reading and charting. Starting pressure was 95.2 psi and ending pressure was 108.4 psi. Test duration was 15 minutes. Test failed with pressure gain of more than 10%. Well shut in.

Corrective Action: Document and retain records of root cause of failure evaluation, measures taken to prevent the problem from reoccurring and a description of all flowline repairs and/ or replacements completed; perform flowline pressure testing to verify integrity of repairs completed (Must be deemed passing per COGCC rule 1101e) prior to returning flowline to service.
 Contact COGCC field inspector regarding scheduling of field repairs and follow up pressure testing.
 This well must remain shut in until one of two corrective actions are met: 1) All failure points on the flowline are identified and adequate repair(s) are completed and integrity verified via follow up pressure testing (witnessed by COGCC staff); 2) A new well site flowline is constructed to service the well from wellhead to horizontal separator; Pressure test flowline prior to adding to service

Date: 06/30/2017

#2	Type:Well Site	1 of Lines
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Flowline Description

Flowline Type: Well Site Size: 2" Material: Carbon Steel
 Variance: Age: Contents: Natural Gas

Integrity Summary

Failures: Spills: Repairs Made:
 Coatings: H2S: Cathodic Protection:

Pressure Testing

Witnessed: Yes Test Result: Pass Charted: Yes

COGCC Rules(check all that apply)

1101. Installation and Reclamation 1102. Operations, Maintenance, and Repair 1103. Abandonment

<u>Comment:</u>	Witnessed flow line pressure test on steel gas line from wellhead Mesa Verde tubing to separator inlet. All points are on location. 37.03624/-107.54492 from Scout Card. Testing was part of requirement of May 2, 2017 NTO. Test was conducted using Crystal gauge for pressure reading and charting. Starting pressure was 112.6 psi and ending pressure was 118.7 psi. Test duration was 15 minutes.	
Corrective Action:		Date:

#3	Type:Well Site	1 of Lines	
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Flowline Description

Flowline Type: Well Site Size: 2" Material: Carbon Steel
 Variance: Age: Contents: Natural Gas

Integrity Summary

Failures: Spills: Repairs Made:
 Coatings: H2S: Cathodic Protection:

Pressure Testing

Witnessed: Yes Test Result: Pass Charted: Yes

COGCC Rules(check all that apply)

1101. Installation and Reclamation 1102. Operations, Maintenance, and Repair 1103. Abandonment

<u>Comment:</u>	Witnessed flow line pressure test on steel blow down line from wellhead to produced water tank. All points are on location. 37.03624/-107.54492 from Scout Card. Testing was part of requirement of May 2, 2017 NTO. Test was conducted using Crystal gauge for pressure reading and charting. Starting pressure was 123.0 psi and ending pressure was 122.9 psi. Test duration was 15 minutes.	
Corrective Action:		Date:

#4	Type:Process Piping	1 of Lines	
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Flowline Description

Flowline Type: Process Piping Size: Other Material: Carbon Steel
 Variance: Age: Contents: Natural Gas

Integrity Summary

Failures: Spills: Repairs Made:
 Coatings: H2S: Cathodic Protection:

Pressure Testing

Witnessed: Yes Test Result: Pass Charted: Yes

COGCC Rules(check all that apply)

1101. Installation and Reclamation 1102. Operations, Maintenance, and Repair 1103. Abandonment

<u>Comment:</u>	Witnessed flow line pressure test on steel 1" supply gas line from separator outlet to wellhead. All points are on location. 37.03624/-107.54492 from Scout Card. Testing was part of requirement of May 2, 2017 NTO. Test was conducted using Crystal gauge for pressure reading and charting. Starting pressure was 48.5 psi and ending pressure was 48.4 psi. Test duration was 15 minutes.	
Corrective Action:		Date:

#5	Type:Well Site	1 of Lines	
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Flowline Description

Flowline Type: Well Site Size: 3" Material: Carbon Steel
 Variance: Age: Contents: Natural Gas

Integrity Summary

Failures: Spills: Repairs Made:

Coatings:	H2S:	Cathodic Protection:
<u>Pressure Testing</u>		
Witnessed: <u>Yes</u>	Test Result: <u>Pass</u>	Charted: <u>Yes</u>
<u>COGCC Rules(check all that apply)</u>		
<input type="checkbox"/> 1101. Installation and Reclamation <input checked="" type="checkbox"/> 1102. Operations, Maintenance, and Repair <input type="checkbox"/> 1103. Abandonment		
Comment: <u>Witnessed flow line pressure test on steel gas line from separator outlet to gas meter isolation valve. All points are on location. 37.03624/-107.54492 from Scout Card. Testing was part of requirement of May 2, 2017 NTO. Test was conducted using Crystal gauge for pressure reading and charting. Starting pressure was 46.0 psi and ending pressure was 45.8 psi. Test duration was 15 minutes.</u>		Date:
Corrective Action:		

#6	Type:Well Site	1 of Lines
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<u>Flowline Description</u>		
Flowline Type: <u>Well Site</u>	Size: <u>3"</u>	Material: <u>Carbon Steel</u>
Variance:	Age:	Contents: <u>Natural Gas</u>
<u>Integrity Summary</u>		
Failures:	Spills:	Repairs Made:
Coatings:	H2S:	Cathodic Protection:
<u>Pressure Testing</u>		
Witnessed: <u>Yes</u>	Test Result: <u>Pass</u>	Charted: <u>Yes</u>
<u>COGCC Rules(check all that apply)</u>		
<input type="checkbox"/> 1101. Installation and Reclamation <input checked="" type="checkbox"/> 1102. Operations, Maintenance, and Repair <input type="checkbox"/> 1103. Abandonment		
Comment: <u>Witnessed flow line pressure test on steel gas line from wellhead tubing to separator inlet. All points are on location. 37.0364/-107.54487 from Scout Card. Testing was part of requirement of May 2, 2017 NTO. Test was conducted using Crystal gauge for pressure reading and charting. Starting pressure was 61.8 psi and ending pressure was 61.9 psi. Test duration was 15 minutes.</u>		Date:
Corrective Action:		

#7	Type:Well Site	1 of Lines
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<u>Flowline Description</u>		
Flowline Type: <u>Well Site</u>	Size: <u>3"</u>	Material: <u>Carbon Steel</u>
Variance:	Age:	Contents: <u>Natural Gas</u>
<u>Integrity Summary</u>		
Failures:	Spills:	Repairs Made:
Coatings:	H2S:	Cathodic Protection:
<u>Pressure Testing</u>		
Witnessed: <u>Yes</u>	Test Result: <u>Pass</u>	Charted: <u>Yes</u>
<u>COGCC Rules(check all that apply)</u>		
<input type="checkbox"/> 1101. Installation and Reclamation <input checked="" type="checkbox"/> 1102. Operations, Maintenance, and Repair <input type="checkbox"/> 1103. Abandonment		
Comment: <u>Witnessed flow line pressure test on steel gas line from wellhead casing to separator inlet. All points are on location. 37.0364/-107.54487 from Scout Card. Testing was part of requirement of May 2, 2017 NTO. Test was conducted using Crystal gauge for pressure reading and charting. Starting pressure was 68.6 psi and ending pressure was 68.8 psi. Test duration was 15 minutes.</u>		Date:
Corrective Action:		

#8	Type:Well Site	1 of Lines
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Flowline Description

Flowline Type: Well Site Size: 3" Material: Carbon Steel
Variance: Age: Contents: Natural Gas

Integrity Summary

Failures: Spills: Repairs Made:
Coatings: H2S: Cathodic Protection:

Pressure Testing

Witnessed: Yes Test Result: Pass Charted: Yes

COGCC Rules(check all that apply)

1101. Installation and Reclamation 1102. Operations, Maintenance, and Repair 1103. Abandonment

Comment: Witnessed flow line pressure test on steel gas line from separator outlet to gas meter inlet. All points are on location. 37.0364/-107.54487 from Scout Card. Testing was part of requirement of May 2, 2017 NTO. Test was conducted using Crystal gauge for pressure reading and charting. Starting pressure was 66.7 psi and ending pressure was 66.2 psi. Test duration was 15 minutes.

Corrective Action:

Date:

Facility ID: 290779 Type: WELL API Number: 067-09370 Status: PR Insp. Status: PR

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? Pass

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? _____ Production areas stabilized ? _____
 1003c. Compacted areas have been cross ripped? _____
 1003d. Drilling pit closed? _____ Subsidence over on drill pit? _____
 Cuttings management: _____
 1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? _____
 Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003e. INTERIM VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment

Corrective Action

Date _____

Overall Interim Reclamation

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: _____

Reminder: _____

Comment:

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured _____

Compaction alleviation _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage _____

Weeds present _____ Subsidence _____

1004.d. FINAL VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

Comment:

Corrective Action:

Date _____

Overall Final Reclamation _____ Well Release on Active Location Multi-Well Location

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Compaction	Pass	Compaction	Pass			
Gravel	Pass	Gravel	Pass			

Comment:

Corrective Action:

Date: _____

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
401311574	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4173693
685303348	067 06396 wellhead sign.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4173668
685303349	067 09370 wellhead sign.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4173669
685303350	Painted and tagged 1" at separator close up.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4173670
685303351	Painted and tagged 1" at wellhead close up.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4173671
685303352	1" at wellhead.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4173672
685303353	1" at separator.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4173673