

**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:

12/14/2016

Submitted Date:

12/16/2016

Document Number:

674603043**FIELD INSPECTION FORM**
 Loc ID 327851 Inspector Name: Maclaren, Joe On-Site Inspection ☐ 2A Doc Num:                     
**Operator Information:**OGCC Operator Number: 100322Name of Operator: NOBLE ENERGY INCAddress: 1625 BROADWAY STE 2200City: DENVER State: CO Zip: 80202**Status Summary:**☒ THIS IS A FOLLOW UP INSPECTION☐ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**3 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Chesson, Bob		robert.chesson@state.co.us	
Hazard, Ellice		ellice.hazard@state.co.us	
,		NBL_DJBU_Inspections@NB LENERGY.COM	
Schlagenhauf, Mark		mark.schlagenhauf@state.co. us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
247439	WELL	PR	03/28/2007	GW	123-15236	SHABLE 17-10G	EG

**General Comment:**

COGCC Inspector met with Noble Energy Construction Foreman (Raul Sanchez) on location and conducted an engineering integrity inspection with a primary focus on the flowline repair taking place at this well site. Spill cleanup (historical release)/ site remediation work was in progress at the time of this field inspection. The details of observations made during this field inspection are available in the flowline section of this report. This is a follow up (EG) inspection to an initial field inspection doc #674602377 performed on 03/02/2016. Photo's uploaded can be accessed via link(s) at end of report.

**Inspected Facilities**

Facility ID: 247439 Type: WELL API Number: 123-15236 Status: PR Insp. Status: EG

**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: 20+ Yrs Contents: Multiphase

Integrity Summary

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

Pressure Testing

Witnessed: Test Result: Charted:

COGCC Rules (check all that apply)

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

Comment: As outlined on supplemental form 19 (doc #400997111 received at COGCC on 02/29/2016): A corrosive hole formed in the flowline. The damaged portion of the flowline was uncovered and an eight foot piece was cut and replaced with 2 inch schedule 80 pipe. Based on communications with the Noble Energy Construction Foreman, a decision has been made to replace the entire well site flowline. The flowline segment where the initial repair was made has been cut out to allow for clean up/ excavation activities (taking place approx 430' SE of wellhead). Once remediation has been completed the new flowline (between wellhead and separator) will be installed. Note: Update records of root cause of failure evaluation, preventative measures taken to prevent reoccurrence and description of flowline repairs/ replacement(s) completed (also update on supplemental form 19) and perform flowline pressure testing (to confirm integrity of new flowline installed/ retain chart & data) prior to returning flowline to service.

Corrective Action:

Date:

**COGCC Comments**

Comment	User	Date
The following information was outlined on the previous field inspection doc #674602377 performed on 03/02/2016: On March 2nd, 2016 COGCC Integrity Inspector performed an engineering (flowline only) field inspection at this location. The field inspection was conducted in response to the initial form 19 spill report Doc # 400994546 filed with the COGCC on 2/23/16 referencing a leak that occurred on the flowline running between wellhead and separator. No personnel was on site from Noble Energy (or contractors) during this field inspection. Forward (all available) annual pressure records (data/ chart(s)/ per COGCC rule 1101.e.1) to COGCC Integrity Inspector; Provide a written description outlining the root cause of failure and the flowline repairs completed; Conduct flowline pressure testing (post repair/ prior to returning well to production) and email data/ chart to COGCC Integrity Inspector at joe.maclaren@state.co.us (Cell# 970-382-1680)	maclarej	12/16/2016

**Attached Documents**

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

Document Num	Description	URL
674603043	INSPECTION APPROVED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4036158">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4036158</a>
674603049	View SE from wellhead/ toward remediation area	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4029500">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4029500</a>

674603050	Excavation/ soils remediation and cut flowline	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4029501">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4029501</a>
674603051	Bull plug & needle valve on upstream side flowline	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4029502">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4029502</a>