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

FIELD INSPECTION FORM

Inspection Date: 12/14/2016
Submitted Date: 12/16/2016
Document Number: 674603043

Loc ID	Inspector Name:	On-Site Inspection
327851	Maclaren, Joe	2A Doc Num:

Operator Information:

OGCC Operator Number: 100322
Name of Operator: NOBLE ENERGY INC
Address: 1625 BROADWAY STE 2200
City: DENVER State: CO Zip: 80202

Status Summary:

- [x] THIS IS A FOLLOW UP INSPECTION
- [ ] FOLLOW UP INSPECTION REQUIRED
- [ ] NO FOLLOW UP INSPECTION REQUIRED

Findings:

3 Number of Comments
0 Number of Corrective Actions
[ ] Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
,		NBL_DJBU_Inspections@NBLENERGY.COM	
Hazard, Ellice		ellice.hazard@state.co.us	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
Chesson, Bob		robert.chesson@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)s at end of report.

Inspector Name: Maclaren, Joe

Inspected Facilities

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

Flowline

#1	Type:Well Site	1 of Lines	

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 faliure evaluation, preventative measures taken to prevent reoccurrance 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 occured 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
674603049	View SE from wellhead/ toward remediation area	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4029500
674603050	Excavation/ soils remediation and cut flowline	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4029501

674603051	Bull plug & needle valve on upstream side flowline	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4029502