

**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:

07/12/2018

Submitted Date:

07/16/2018

Document Number:

690100692**FIELD INSPECTION FORM**

Loc ID 322916 Inspector Name: Maclaren, Joe On-Site Inspection ☐ 2A Doc Num: _____

Operator Information:OGCC Operator Number: 100322Name of Operator: NOBLE ENERGY INCAddress: 1001 NOBLE ENERGY WAYCity: HOUSTON State: TX Zip: 77070**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
Evans, Jacob	303-328-5605	jacob.evans@nblenergy.com	
Allison, Rick		rick.allison@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
244465	WELL	PR	09/14/1992	GW	123-12260	BACON 3	EG
443874	SPILL OR RELEASE	CL	11/04/2015		-	SPILL/RELEASE POINT	EG

General Comment:

Engineering integrity inspection performed on July 12th, 2018 in response to initial form 19 spill report Doc #401700100 received by COGCC on 07/11/2018 that outlines: During maintenance activities an unintentional release was discovered at the Bacon 3 flowline. Excavation of impacts are currently underway. Details of observations made during this field inspection are available in the flowline section of this report. Photo's uploaded can be accessed via link(s) at the end of report.

Inspected Facilities

Facility ID: 244465 Type: WELL API Number: 123-12260 Status: PR Insp. Status: EG

Flowline

#1	Type: Non-Well Site	2 of Lines
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Flowline Description

Flowline Type: Non-Well Site Size: 2" Material: Carbon Steel
 Variance: No Age: 20+ Yrs Contents: Multiphase

Integrity Summary

Failures: External Corrosion Spills: Yes Repairs Made:
 Coatings: No H2S: No Cathodic Protection: No

Pressure Testing

Witnessed: Test Result: Charted:

COGCC Rules(check all that apply)

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

Comment: COGCC Inspector met with the Anadarko contractor (AFFIRM) on site. (1) 2" carbon steel flowline and (1) 1" HDPE gas supply flowline (damaged) were exposed in an excavation measuring approximately 40' x 60'. The failure resulting in the spill (ID #455923) occurred on the 2" carbon steel flowline between the wellhead and battery, approximately 60' east of the wellhead (40.357665, -104.651531). The total length of this flowline (wellhead to battery) is around 1000'; a wetland area is located North of and adjacent to flowline alignment. The production flowline is comprised of un-coated carbon steel; the pipe sections are connected by threaded collars. The flowline is located at/ under the ground water table. The contractor identified and marked (4) external corrosion holes on the flowline, in the area of the release. COGCC inspector spoke with Noble Rep (Ty Cash/ via phone 7/13) regarding future plans for the 2" carbon steel flowline and was informed that Noble has decided to abandon this flowline in place. Preparations are being made at this time to purge the flowline of hydrocarbons and move forward with the abandonment. Excavation and remediation activities are in progress.

Corrective Action:

Date:

Facility ID: 443874 Type: SPILL OR API Number: - Status: CL Insp. Status: EG

COGCC Comments

Comment	User	Date
	maclarej	07/16/2018
<u>Note: Document the root cause of failure resulting in the release, measures taken to prevent the problem from reoccurring and description of flowline work to be completed (abandonment, replacements) in the corrective actions section of the supplemental form 19.</u>	maclarej	07/16/2018

Attached Documents

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

Document Num	Description	URL
690100716	Wellhead, signage and remediation area (view east)	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4524690
690100717	Flowlines exposed in excavation (view E to battery)	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4524691
690100718	Close up view of flowlines (corrosion holes marked)	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4524692

690100719	View of well/ excavation from wetland area (to SW)	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4524693