

**FORM
INSP**Rev
05/11**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:

04/13/2016

Document Number:

674602419

Overall Inspection:

SATISFACTORY w/ CMT
or AR**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	249793	329608	Maclaren, Joe	<input type="checkbox"/>	

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

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED
- ☐ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Contact Name	Phone	Email	Comment
Hazard, Ellice		ellice.hazard@state.co.us	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
Parks, Scott		spark@nobleenergyinc.com	Sound Inspections
Evans, Jacob	303-328-5605	jacob.evans@nblenergy.com	Noble Environmental
,		NBL_DJBU_Inspections@NB LENERGY.COM	All Inspections

Compliance Summary:QtrQtr: SENE Sec: 28 Twp: 6N Range: 66W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
04/05/2011	200306611	PR	PR	SATISFACTORY			No
03/12/2004	200051159	PR	PR	SATISFACTORY		Pass	No
01/06/2000	200003139	PR	PR	SATISFACTORY		Pass	No
03/01/1996	500175585	PR	PR			Pass	No

Inspector Comment:

COGCC Integrity Inspector Joe Maclaren performed an engineering (flowline only) field inspection at this location on April 13, 2016. This field inspection was conducted in response to a form 19 spill report Doc # 401026744 filed with the COGCC on 4/13/16. This spill report states that during operations of the Knaus 28-8 flowline, fluids surfaced in an agricultural field near the wellhead. Repair work was observed to be in progress at the time of this field inspection. The equipment/ flowline section and comment sections of this report outline additional details. Photos have been uploaded and can be accessed via link(s) at end of report.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
249793	WELL	PR	06/20/2012	OW	123-17596	KNAUS 28-8	EG	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Inspector Name: Maclaren, Joe

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

<u>Lease Road:</u>				
Type	Satisfactory/Action Required	comment	Corrective Action	Date

<u>Signs/Marker:</u>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Emergency Contact Number (S/AR): _____ Corrective Date: _____

Comment: Leak ocurred on the flowline running between wellhead and separator. The root cause of the leak appears to be from an external corrosion pinhole in the flowline. A section of schedule 80 carbon steel pipe was cut out from the flowline. A replacement section of pipe was welded in place to make the repair. The external area of the flowline pipe was wrapped with tape. Note: The root cause of failiure and description of repairs has been documented on the supplemental spill report Doc #401028615.

Corrective Action: _____

<u>Good Housekeeping:</u>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

<u>Spills:</u>				
Type	Area	Volume	Corrective action	CA Date

☐ Multiple Spills and Releases?

<u>Fencing/:</u>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

<u>Equipment:</u>				
Type: Flow Line	# 1	Satisfactory/Action Required: _____		
Comment				
Corrective Action				Date:

<u>Venting:</u>	
Yes/No	
Comment	

<u>Flaring:</u>	
Type	Satisfactory/Action Required
Comment:	

Inspector Name: Maclaren, Joe

Corrective Action:

Correct Action
Date:

Predrill

Location ID: 249793

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

S/AR: _____

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Comment: _____

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____

Address: _____

Phone Number: _____

Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____

Phone Number: _____

Date Onsite Request Received: _____

Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____ Phone Number: _____ Agreed to Attend: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 249793 Type: WELL API Number: 123-17596 Status: PR Insp. Status: EG

Environmental

Spills/Releases:

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____

Comment: _____

Corrective Action: _____ Date: _____

Reportable: _____ GPS: Lat _____ Long _____

Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well:

DWR Receipt Num: _____ Owner Name: _____ GPS : _____ Lat _____ Long _____

Field Parameters:

Sample Location: _____

Emission Control Burner (ECB): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Reclamation - Storm Water - Pit**Interim Reclamation:**

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

Land Use: _____

Comment: _____

1003a. Waste and Debris removed? _____

CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? _____

CM _____

CA _____ CA Date _____

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

CM _____

CA _____ CA Date _____

Guy line anchors marked? _____

CM _____

CA _____ CA 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 _____

1003 f. Weeds Noxious weeds? _____

Comment: _____

Inspector Name: Maclaren, Joe

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 _____

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

S/A/V: _____

Corrective Date: _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Note: Forward post repair flowline pressure testing (prior to returning well to production) to COGCC Integrity Engineer (Ellice Hazard) at ellice.hazard@state.co.us and Integrity Inspector (Joe MacLaren) at joe.maclaren@state.co.us	maclarej	04/18/2016

Attached Documents

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

Document Num	Description	URL
674602422	Flowline corrosion pinhole & Well sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3836023
674602424	Exposed flowline in area of spill/ repair	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3836024