

**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:

02/20/2019

Submitted Date:

02/20/2019

Document Number:

682504514

FIELD INSPECTION FORM

Loc ID: 460414 Inspector Name: Trujillo, Aaron On-Site Inspection 2A Doc Num: _____

Status Summary:

THIS IS A FOLLOW UP INSPECTION

FOLLOW UP INSPECTION REQUIRED

NO FOLLOW UP INSPECTION REQUIRED

Findings:

9 Number of Comments

2 Number of Corrective Actions

Corrective Action Response Requested

Operator Information:

OGCC Operator Number: 100322

Name of Operator: NOBLE ENERGY INC

Address: 1001 NOBLE ENERGY WAY

City: HOUSTON State: TX Zip: 77070

ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE

Contact Information:

Contact Name	Phone	Email	Comment
		joe.kage@nblenergy.com	
		NBL_DJBU_Inspections@NB LENERGY.COM	All Inspections
Binschus, Chris		chris.binschus@state.co.us	
Arthur, Denise		denise.arthur@state.co.us	

General Comment:

This is a pre-drill, construction and stormwater inspection. Any corrective action(s) from previous inspections that have not been addressed are still applicable.

A short corrective action date is being provided to Noble due to ongoing wind erosion occurring on location. Joe Kage (contact person per 42 doc. #401937889) with Noble Energy was called at approximately 15:18 hours and notified (message). See the "Stormwater" section of this report, under "Location Construction".

Location Construction

Location ID: 460414 CDP: _____

Comment: A disturbance area of 21.2 acres was mapped on 2/20/2019; this appears to be in compliance with the approved Form 2A for the permitted disturbance area.

Corrective Action: _____ Date: _____

Form 2A COAs:

Comment: _____

Corrective Action: _____ Date: _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____ Date: _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
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	Vehicle Trakcing	Yes`
Comments: Erosion BMPs:	Cattle guard being installed on the southwest corner of the location at the time of inspection.	
Other BMPs:		
Corrective Action:	Date:	
WADDLES	Yes	
Comments: Erosion BMPs:	Operator has installed an 8 inch diam. "Filtrexx SiltSoxx" wattle as a perimeter control. Based on site conditions (topography), BMP alone does not appear to be sufficient to mitigate stormwater runoff; BMP does not achieve a 100% soil surface contact, or appear to have the weight to mitigate stormwater runoff or allow for stormwater to pond without trenching and backfilling. See attached photos.	
Other BMPs:	Filtrexx BMP alone does not appear to be sufficient as a perimeter control for the location, however, operator has installed surface roughening to be used in conjunction with BMP.	
Corrective Action:	Date:	
SLOPE ROUGHENING	Yes	
Comments: Erosion BMPs:	Operator has implemented surface roughening (ripping) along the perimeter of the location. Surface roughening is a temporary BMP that needs to be used in conjunction with other BMPs. Operator has implemented a wattle along perimeter of the location, however wattle does not appear to be sufficient based on site conditions (see comments regarding Filtrexx wattle above).	
Other BMPs:	Upon completion and stabilization of the pad, other BMPs/controls (such as ditch, berm, sediment traps, etc...) should be installed and used in conjunction with, or to replace, the surface roughening	
Corrective Action:	Date:	
	Material Handling And Spill Prevention	Yes`
Comments: Erosion BMPs:	One porta-john on the southwest end of location appears to have been sufficiently secured.	
Other BMPs:		
Corrective Action:	Date:	
	No	No`
Comments: Erosion BMPs:		
Other BMPs:	The slopes of the topsoil stockpiles on the northern, eastern and southern ends of the location have not been stabilized, remains loose material with active wind erosion and sediment transport off location occuring.	
Corrective Action:	Install required stormwater and erosion control BMPs in accordance with Rule 1002.f and stabilize soil stockpiles in accordance with 1002.c	Date: 02/27/2019 9

Comment:

Corrective Action: **Date:** _____

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____
 Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____

Inspector Name: Trujillo, Aaron

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:

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: RANGELAND

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 _____ Fail _____

Comment [Soil stockpile slopes unstablized. See "Stormwater"](#)

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____ Fail _____

Comment [COGCC Rule 1002.e requires that a location is adequately sized, constructed, and maintained so as to reasonably control dust and minimize erosion, alteration of natural features. Wind erosion and sediment transport is currently ongoing from the location. See photos 6-8, 11, 14-20, 22-24 in the attached photo document.](#)

Corrective Action [Comply with rule 1002.e and 1002.f, and immediately install required stormwater and erosion control BMPs to stabilize the location and mitigate wind erosion and sediment transport.](#)

Date **02/20/2019**

1003a. Waste and Debris removed? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

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

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: RANGELAND _____

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

Attached Documents

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

Document Num	Description	URL
682504515	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4740828