

**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: \_\_\_\_\_**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:**9 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

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

WADDLES	Yes		
Comments: Erosion BMPs: <span style="border: 1px solid black; padding: 2px;">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.</span>			
Other BMPs: <span style="border: 1px solid black; padding: 2px;">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.</span>			
Corrective Action:		Date:	
	No		No
Comments: Erosion BMPs: <span style="border: 1px solid black; padding: 2px;"></span>			
Other BMPs: <span style="border: 1px solid black; padding: 2px;">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 occurring.</span>			
Corrective Action: <span style="color: red;">Install required stormwater and erosion control BMPs in accordance with Rule 1002.f and stabilize soil stockpiles in accordance with 1002.c</span>		Date: <span style="color: red;">02/27/2019</span>	
		Material Handling And Spill Prevention	Yes
Comments: Erosion BMPs: <span style="border: 1px solid black; padding: 2px;">One porta-john on the southwest end of location appears to have been sufficiently secured.</span>			
Other BMPs: <span style="border: 1px solid black; padding: 2px;"></span>			
Corrective Action:		Date:	
SLOPE ROUGHENING	Yes		
Comments: Erosion BMPs: <span style="border: 1px solid black; padding: 2px;">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).</span>			
Other BMPs: <span style="border: 1px solid black; padding: 2px;">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</span>			
Corrective Action:		Date:	
		Vehicle Trakcing	Yes
Comments: Erosion BMPs: <span style="border: 1px solid black; padding: 2px;">Cattle guard being installed on the southwest corner of the location at the time of inspection.</span>			
Other BMPs: <span style="border: 1px solid black; padding: 2px;"></span>			
Corrective Action:		Date:	
<b>Comment:</b> <span style="border: 1px solid black; padding: 2px;"></span>			
<b>Corrective Action:</b> <span style="border: 1px solid black; padding: 2px;"></span>		<b>Date:</b> _____	

**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
401946341	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4740829">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4740829</a>
682504515	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4740828">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4740828</a>