

**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:

02/27/2019

Submitted Date:

02/28/2019

Document Number:

682504527

**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

**Operator Information:**

OGCC Operator Number: 100322  
Name of Operator: NOBLE ENERGY INC  
Address: 1001 NOBLE ENERGY WAY  
City: HOUSTON State: TX Zip: 77070

**Findings:**

- 11 Number of Comments
- 3 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
Binschus, Chris		chris.binschus@state.co.us	
,		NBL_DJBU_Inspections@NB LENERGY.COM	<a href="#">All Inspections</a>
Arthur, Denise		denise.arthur@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
460406	WELL	XX	12/28/2018		123-49348	STRIPES FEDERAL LD18-730	CI
460411	WELL	XX	12/28/2018		123-49352	STRIPES FEDERAL LD18-790	CI
460415	WELL	XX	12/28/2018		123-49355	STRIPES FEDERAL LD18-720	CI

**General Comment:**

This is a follow-up pre-drill, construction and stormwater inspection to inspection doc #682504514.

This inspection is to document compliance for the following corrective actions:

1002.c: protection of soils (stabilize soil stockpiles)

1002.e: surface disturbance minimization (wind erosion).

Please refer to the "Location Construction", "Reclamation" and "COGCC Comments" sections of this inspection.

Any corrective action(s) from previous inspections that have not been addressed are still applicable.

**Location Construction**

Location ID: 460414 CDP: \_\_\_\_\_

Comment:

Corrective Action:  Date: \_\_\_\_\_

**Form 2A COAs:**

Comment:

Corrective Action:  **Date:**

**Wildlife BMPs:**

**Comment:**

Corrective Action:  **Date:**

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
SLOPE ROUGHENING			

Comments: Erosion BMPs: Inspection #682504514 documented that the slopes of the soil stockpiles on the north, east and south ends of the location have not been stabilized and were loose materials at risk to erosion degradation. Inspection required operator to install BMPs to stabilize soil stockpiles.

Operator submitted FIRR doc. #401952598 stating soil stockpiles have been tracked.

Operator appears to have attempted surface roughening (tracking) on the slopes of the soil stockpile.

Other BMPs: Surface roughening (tracking) does not appear to be sufficient as slopes remain loose material insufficiently stabilized and at risk to erosion degradation. See photos 9-12, 15 and 17.

Original corrective action remains applicable.

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**

SLOPE ROUGHENING			
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Comments: Erosion BMPs: Operator appears to have traveled over the surface roughening on the east end of the location. Please see photo 16 in the attached document, and the "Stormwater" section of this report.

Other BMPs:

Corrective Action:  **Date:**

**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:

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:

**Inspected Facilities**

Facility ID: 460406 Type: WELL API Number: 123-49348 Status: XX Insp. Status: CI

Facility ID: 460411 Type: WELL API Number: 123-49352 Status: XX Insp. Status: CI

Facility ID: 460415 Type: WELL API Number: 123-49355 Status: XX Insp. Status: CI

**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 stockpiles have not been sufficiently stabilized. See "Stormwater" under the "Location Construction" section of this report.](#)

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_ Fail \_\_\_\_\_

Comment [Inspection doc. #682504514 documented ongoing wind erosion occurring on location and required operator to comply with 1002.e. Operator submitted FIRR doc. #401952598 stating a water truck is being used to mitigate wind erosion. Inspector did not observe a water truck on location that would be available to immediately address erosion concerns as they arise .  
Though wind erosion was not occurring at time of inspection, location remains at risk to erosion degradation as soils observed on location and location's perimeter remain loose and unstabilized. See attached photo document.](#)

Corrective Action [Operator shall continue compliance with rule 1002.e and 1002.f and maintain BMPs to ensure the disturbance area remains stabilized/protected from erosion degradation](#)

Date \_\_\_\_\_

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

<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Slope Roughening	Fail					Tracking on soil stockpiles
	Fail					Soil stabilization
Waddles	Fail					Wattle BMPs along perimeter- See "Comments"
<p>Comment: <span style="color: blue;">Operator appears to have traveled over the surface roughening (ripping) on the east end of the location. BMP is no longer in proper functioning condition and requires maintenance.</span></p> <p>Corrective Action: <span style="color: red;">Install required stormwater and erosion control BMPs in accordance with Rule 1002.f</span> Date: <u>02/27/2019</u></p>						
<p><b>Pits:</b>    <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						

COGCC Comments		
Comment	User	Date
<p><span style="color: blue;">Comment regarding wattle:</span></p> <p><span style="color: blue;">Operator has installed an 8 inch diam. "Filtrexx SiltSoxx" wattle as a perimeter control. Operator has installed BMP by placing wattle upon the surface of the soil and staking in place. No additional installation practices, such as trenching and backfilling BMP, have been conducted.</span></p> <p><span style="color: blue;">Based on site conditions found commonly within rangeland (bumpy, rocky, changes in elevation affecting ground surface contact), this "lay on surface" installation practice is not appropriate to allow this perimeter control to mitigate stormwater runoff on rangeland; BMP does not achieve a 100% ground surface contact to interrupt and mitigate stormwater runoff.</span></p> <p><span style="color: blue;">NOTE: If operator intends to continue the use of this brand of wattle, good engineering practices (such as trenching and backfilling) will be required for BMP to be considered in proper functioning condition and meet 1002.f requirements.</span></p>	trujilloam	02/28/2019

**Attached Documents**

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

Document Num	Description	URL
682504528	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4748372">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4748372</a>