

**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 <input type="checkbox"/>	2A Doc Num: _____	Status Summary: <input checked="" type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED Findings: 11 Number of Comments 3 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested
Operator Information: OGCC Operator Number: <u>100322</u> Name of Operator: <u>NOBLE ENERGY INC</u> Address: <u>1001 NOBLE ENERGY WAY</u> City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77070</u>				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	
,		NBL_DJBU_Inspections@NB LENERGY.COM	All Inspections
Binschus, Chris		chris.binschus@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: <u>460414</u>	CDP: _____	Comment: <input style="width:90%" type="text"/> Corrective Action: <input style="width:90%" type="text"/>	Date: _____
Form 2A COAs: Comment: <input style="width:90%" type="text"/>			

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:

<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	

Inspected FacilitiesFacility ID: 460406 Type: WELL API Number: 123-49348 Status: XX Insp. Status: CIFacility ID: 460411 Type: WELL API Number: 123-49352 Status: XX Insp. Status: CIFacility 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 REVEGETATIONCropland

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 ☐

Storm Water:

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"

Comment: [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.](#)

Corrective Action: [Install required stormwater and erosion control BMPs in accordance with Rule 1002.f](#)

Date: 02/27/2019

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
<p>Comment regarding wattle:</p> <p>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.</p> <p>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.</p> <p>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.</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
401955015	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4748374
682504528	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4748372