

**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:

09/07/2018

Submitted Date:

09/10/2018

Document Number:

682503854**FIELD INSPECTION FORM**

Loc ID 456690	Inspector Name: Trujillo, Aaron	On-Site Inspection <input type="checkbox"/>	Status Summary: <input 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: 8 Number of Comments 2 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested
2A Doc Num: _____			

Operator Information:

OGCC Operator Number: 100322

Name of Operator: NOBLE ENERGY INC

Address: 1001 NOBLE ENERGY WAY

City: HOUSTON State: TX Zip: 77070

Contact Information:

Contact Name	Phone	Email	Comment
,		NBL_DJBU_Inspections@NB LENERGY.COM	ALL INSPECTIONS

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
456689	WELL	XX	08/20/2018		123-47609	DOROTHY STATE LG16-776	CI
456691	WELL	XX	08/20/2018		123-47610	DOROTHY STATE LG16-766	CI
456692	WELL	XX	08/20/2018		123-47611	DOROTHY STATE LG16-785	CI
456693	WELL	XX	08/20/2018		123-47612	DOROTHY STATE LG16-757	CI

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.

Location Construction

Location ID: 456690 CDP: _____

Comment: Operator submitted Form 42 #401754556 on 9/5/2018 stating that the start date for construction activities to be 9/7/2018. Operator on site indicated construction activities commenced on 9/6/2018. This is in violation of COGCC Rule 316C.c.

Corrective Action: _____ Date: _____

Form 2A COAs:

Comment: A disturbance area of 9.06 acres was mapped on 9/7/2018 using a Trimble Juno 3B handheld device; this appears to be in compliance with the approved Form 2A for the permitted disturbance area.

Corrective Action: _____ Date: _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____ Date: _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
SLOPE ROUGHENING	Yes		
Comments: Erosion BMPs: Surface roughening along perimeter of location. This is a temporary erosion control BMP that needs to be used in conjunction with other BMPs. Alternative BMPs should be considered and installed once pad construction has been completed.			
Other BMPs: Stormwater engineering guidance indicates that "Surface roughening should create depressions 2 to 6 inches deep and approximately 6 inches apart". Surface roughening appears to have been implemented using 3-pronged rippers			
Corrective Action:			Date:
WADDLES	Yes		
Comments: Erosion BMPs: Wattles along perimeter of the location have not been installed in accordance with good engineering practices; BMP is not in proper functioning conduction. Perimeter stormwater and erosion control BMPs need to be installed prior to or during construction activities. A CA date of 9/6/2018 is being used as this is the date construction activities began according to operator.			
Other BMPs:			
Corrective Action: Install or repair required BMPs per Rule 1002.f.			Date: 09/06/2018

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: <u>456689</u>	Type: <u>WELL</u>	API Number: <u>123-47609</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>456691</u>	Type: <u>WELL</u>	API Number: <u>123-47610</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>456692</u>	Type: <u>WELL</u>	API Number: <u>123-47611</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>456693</u>	Type: <u>WELL</u>	API Number: <u>123-47612</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>

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

Fail

Comment

It does not appear as though sufficient topsoil salvage on the location has been conducted. Contractors performing soil salvage and construction indicate that "~4-6 inches of topsoil" was salvaged and stored on the northeast end of the location. Contractor indicated that no additional topsoil salvage was planned. COGCC rule 1002.b.(2) requires that "operator shall separate and store the topsoil horizon or the top six (6) inches, whichever is deeper....". Topsoil can still be observed on areas of surface of the the pad. A topsoil depth of ~2 feet was observed during inspection. SEE "COGCC COMMENTS FOR ADDITIONAL COMMENTS REGARDING TOPSOIL"

Corrective Action

Provide detailed calculations with documentation showing the amount of topsoil horizon that the operator salvaged, separated and stored for the location in accordance with 1002.b.(2).

Date **09/14/2018**

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

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 ☐

COGCC Comments

Comment	User	Date
TOPSOIL COMMENTS It does not appear as though topsoil has been salvaged from the fill areas on the south, southwest ends of the location. It does not appear as though soils are being separated. Topsoil appears to be mixing w/ subsoils on the fill areas of the pad. Additionally, it also appears as though topsoil is being used and incorporated as fill material. See photo 10 in the attached photo document.	trujilloam	09/10/2018

Attached Documents

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

Document Num	Description	URL
682503855	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4574571