

**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:

01/09/2018

Submitted Date:

01/18/2018

Document Number:

682403202

**FIELD INSPECTION FORM**

Loc ID 433936 Inspector Name: Binschus, Chris 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:**

- 9 Number of Comments
- 2 Number of Corrective Actions
- Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
Ferrin, Jeremy		jeremy.ferrin@state.co.us	
,		NBL_DJBU_Inspections@NB LENERGY.COM	<a href="#">All Inspections</a>
		scott.schultz@coag.gov	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
445195	WELL	DG	01/03/2017		123-42940	Earp Federal LC23-745	RI
445196	WELL	DG	12/21/2016		123-42941	Earp Federal LC23-735	RI
445197	WELL	DG	12/28/2016		123-42942	Earp Federal LC23-740	RI
445198	WELL	DG	12/11/2016		123-42943	Ringo Federal LC23-720	RI
445199	WELL	DG	12/24/2016		123-42944	Johnny Federal LC11-715	RI
445201	WELL	DG	12/29/2016		123-42946	Johnny Federal LC11-725	RI
445202	WELL	DG	12/18/2016		123-42947	Ringo Federal LC23-725	RI

**General Comment:**

This is a follow-up Interim Reclamation and Stormwater inspection to Field Inspection Report Document #682402641 and in response to Field Inspection Report Resolution Document #401430036 stating that corrective actions have been performed. On May 30, 2017, COGCC Staff issued a Notice of Alleged Violation (No. 401294258) to Noble for stormwater management violations at the location. Where the corrective action from the previous inspection report remains unresolved, the corrective action date remains unchanged.

**Location**

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Good Housekeeping:**

Type

WEEDS

Comment:

Operator has failed to remove the weeds to prevent weed debris and to prevent dispersing seeds onto adjacent lands. This is a short corrective action date since Russian thistle and Kochia are already dried out and susceptible to breaking off from the main stem. Refer to the attached inspection photos for more detail.

Corrective Action:

Comply with Rule 603.f. to control and manage weedy, annual vegetation to prevent weed debris and to prevent dispersing seeds onto adjacent lands.

Date: 02/01/2018

Overall Good:

**Spills:**

Type

Area

Volume

In Containment: No

Comment:

Multiple Spills and Releases?

**Venting:**

Yes/No

Comment:

Corrective Action:

Date:

**Flaring:**

Type

Comment:

Corrective Action:

Date:

**Inspected Facilities**

Facility ID: 445195 Type: WELL API Number: 123-42940 Status: DG Insp. Status: RI

Facility ID: 445196 Type: WELL API Number: 123-42941 Status: DG Insp. Status: RI

Facility ID: 445197 Type: WELL API Number: 123-42942 Status: DG Insp. Status: RI

Facility ID: 445198 Type: WELL API Number: 123-42943 Status: DG Insp. Status: RI

Facility ID: 445199 Type: WELL API Number: 123-42944 Status: DG Insp. Status: RI

Facility ID: 445201 Type: WELL API Number: 123-42946 Status: DG Insp. Status: RI

Facility ID: 445202 Type: WELL API Number: 123-42947 Status: DG Insp. Status: RI

**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 \_\_\_\_\_

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 REVEGETATION

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ In \_\_\_\_\_ 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 During this inspection, the Operator was in the process of removing road base and recontouring at the Earp and Johnny Pads. Operator shall comply with Rule 1003 standards to reduce disturbance areas only reasonably needed for production operations. The last production start date was 9/8/2017 (Form 5A Doc.# 401409590); therefore, interim reclamation should be completed in 6-months from 9/8/2017. A follow-up inspection will be conducted at future date to ensure compliance under Rule 1003 standards.

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
Ditches	Fail					Not properly constructed
Slope Roughening	Fail					In need of maintenance-sediment accumulation
Berms	Fail					Not properly stabilized
Sediment Traps	Fail					

**Comment:** Sediment traps were not properly constructed per Noble's own Stormwater BMP Manual or in accordance with good engineering practices per Rule 1002.f.(2). Many of the sediment traps were not constructed to properly function as a sediment trap. In these cases, the sediment trap outlet was higher than the inlet ditch; therefore, the sediment trap would not properly function. These would be considered enlarged ditches with no stabilized outlet. In addition, stormwater BMPs were not maintained or in some cases did not exist during interim reclamation activities. See COGCC comments section for additional compliance information.

**Corrective Action:** Corrective actions from the previous inspections were not resolved and additional stormwater issues were observed during this inspection. The corrective action date on this inspection will remain the same from the previous inspections.

Date: 01/20/2017

**Pits:**  NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
In total, three of the four Earp pad 'sediment traps' and the two Econode pad 'sediment traps' were not properly constructed to function as sediment traps. Three of the five Johnny pad sediment traps were damaged and not functional, and the southeastern area of the Johnny pad did not have any stormwater BMPs installed during interim reclamation activities.  The Econode pad 'sediment trap' outlet material was not constructed in accordance with good engineering practices. Outlet material per good engineering practices should be a combination of coarse aggregate and angular rip rap.	binschusc	01/17/2018

**Attached Documents**

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

Document Num	Description	URL
401518849	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4354537">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4354537</a>
401524529	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4359919">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4359919</a>
682403213	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4354536">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4354536</a>