

**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:

12/13/2016

Submitted Date:

12/23/2016

Document Number:

682401632**FIELD INSPECTION FORM**
 Loc ID 433936 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: _____
Operator Information:OGCC Operator Number: 100322Name of Operator: NOBLE ENERGY INCAddress: 1625 BROADWAY STE 2200City: DENVER State: CO Zip: 80202**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**6 Number of Comments3 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

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

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
445196	WELL	DG	12/21/2016		123-42941	Earp Federal LC23-735	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
445202	WELL	DG	12/18/2016		123-42947	Ringo Federal LC23-725	RI

General Comment:

This is a follow up stormwater inspection to FIR Document #682401556 for the east well pad location. This inspection is delayed due to coordination efforts with COGCC staff and the Operator to communicate observations made on 12/13/16 with this inspection as well as other adjacent locations in the area. COGCC staff- Margaret Ash, Denise Arthur, and Chris Binschus- and a Noble representative- Scott Park, had a conference call on 12/22/16 to discuss topsoil and stormwater BMP concerns.

LocationOverall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	TRASH		
Comment:	Waste material found inside sediment trap and trench. Refer to attached inspection photos.		
Corrective Action:	Remove waste material found along the perimeter of the location per Rule 603.f.		Date: 01/06/2017

Overall Good: ☐**Spills:**

Type	Area	Volume		
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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: <u>445196</u>	Type: <u>WELL</u>	API Number: <u>123-42941</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445198</u>	Type: <u>WELL</u>	API Number: <u>123-42943</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445199</u>	Type: <u>WELL</u>	API Number: <u>123-42944</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
Facility ID: <u>445202</u>	Type: <u>WELL</u>	API Number: <u>123-42947</u>	Status: <u>DG</u>	Insp. Status: <u>RI</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

During the previous inspection, FIR Document #682401556, observations were made that topsoil was being mixed with road base from the pad construction along the northeast corner of the east well pad. There was not a corrective action issued but the inspection did state per Rule 1002.b. to separate and store topsoil.

Based on observations made with this follow up inspection, it appears topsoil was not separated and stored to prevent mixing topsoil with road base material.

Corrective Action

Separate and store topsoil along the northeast location per Rule 1002.b.(2)

Date **01/20/2017**

1002c. PROTECTION OF SOILS _____

Comment

Not certain whether topsoil was seeded in addition to applying tackifier, but tackifier alone is not a long-term stabilization BMP to protect topsoil from erosion and weed establishment. May need to take further action to protect topsoil per Rule 1002.c.

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 ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
<p>Comment: Final BMPs installed for the location appear to be insufficient. The size and holding capacity of the sediment traps appear too small, the sediment traps are armed with rock socks which may be insufficient to contain sediment discharges should the sediment trap reach capacity, berms along the trench are unconsolidated in areas, and the trench depth may be insufficient in areas.</p> <p>Corrective Action: Perform one of the two corrective actions:</p> <p>1) Provide construction calculations from the site specific stormwater plan demonstrating that the installed BMPs described above are sufficient to prevent sediment laden storm runoff from leaving location</p> <p>or,</p> <p>2) Install sufficient BMPs in accordance with good engineering practices per Rule 1002.f.</p>						<p>Date: 01/20/2017</p>
<p>Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p>						

COGCC Comments

Comment	User	Date
Refer to attached inspection photos in Document #682401634.	binschusc	12/23/2016

Attached Documents

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

Document Num	Description	URL
682401632	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4036543
682401634	Location Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4036530