

**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:

08/17/2017

Submitted Date:

08/22/2017

Document Number:

682402641**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:10 Number of Comments2 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
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 stormwater and reclamation inspection to Field Inspection Report (FIR) Document #682402390. Also, this is in response to Noble's NOAV response that was submitted to COGCC on July 31, 2017. See the Stormwater section for additional information. If corrective actions from the previous inspection report remain unresolved, corrective action dates will remain unchanged.

LocationOverall Good: ☐

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	WEEDS		
Comment:	Appears the Operator has sprayed the weeds (Russian thistle and Kochia). Operator needs to continue to control and manage weeds to prevent weed waste, and prevent spread of dispersing seeds onto adjacent lands.		
Corrective Action:		Date:	

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>445195</u>	Type: <u>WELL</u>	API Number: <u>123-42940</u>	Status: <u>DG</u>	Insp. Status: <u>RI</u>
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>445197</u>	Type: <u>WELL</u>	API Number: <u>123-42942</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>445201</u>	Type: <u>WELL</u>	API Number: <u>123-42946</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 _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____ In Process _____

Comment _____

Appears the Operator has sprayed the weeds (Russian thistle and Kochia). Operator needs to continue control, manage, and prevent weedy, annual vegetation on all topsoil stockpiles.

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? _____ I _____

Comment Corrective action from the previous FIR is being carried over.

Corrective Action

Perform reclamation along portions of the interim reclamation area in accordance to Rule 1003. Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of reference area levels. Use a seed mixture requested by the surface owner, or a mixture prescribed by the local county NRCS. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until the location meets Rule 1003 standards.

Date 10/16/2017

Overall Interim Reclamation In Process

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:						Date _____
Corrective Action:						
Overall Final Reclamation		Well Release on Active Location <input type="checkbox"/>		Multi-Well Location <input type="checkbox"/>		

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Tracking Pad	Fail					Only cattle guards
Waddles	Fail					Not sufficient BMP along installed areas
Berms	Fail					Sediment trap embankment berms
Hydro Mulch	In Process					
Sediment Traps	Fail					Some have been enlarged but still appear too small
Ditches	Fail					Shallow ditch along outlet areas
Slope Roughening	Pass					

Comment:	Operator has installed more sediment traps to control sediment discharge; however, the sediment traps do not appear to be installed with good engineering practices. Sediment trap embankment berms do not appear to be properly constructed, as it appears unconsolidated embankment berms are contributing to sediment loss. Sediment trap outlet areas do not appear to be properly constructed to capture outlet flows. Some of the sediment traps have been enlarged but could still be enlarged because it appears flows have discharged over the embankment berms. Also, shallow ditches have been installed along outlet areas that do not appear to be a sufficient depth. Sediment discharge was observed along the west, east, and production facility pads.					Date: 01/20/2017
Corrective Action:	Install or repair required BMPs per Rule 1002.f. in accordance with good engineering practices. Corrective actions from the previous inspections were not resolved therefore the corrective action dates on this inspection remain the same from the previous inspections. See attached inspection photos for more details.					

Pits: ☐ NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
401383339	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4234328
682402644	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4234304