

**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:

07/17/2018

Submitted Date:

07/18/2018

Document Number:

682503619**FIELD INSPECTION FORM**
 Loc ID 318182 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num:
Operator Information:OGCC Operator Number: 100322Name of Operator: NOBLE ENERGY INCAddress: 1001 NOBLE ENERGY WAYCity: HOUSTON State: TX Zip: 77070**Status Summary:**

- ☒ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☒ NO FOLLOW UP INSPECTION REQUIRED

Findings:5 Number of Comments1 Number of Corrective Actions

- ☒ Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Arthur, Denise		denise.arthur@state.co.us	
,		NBL_DJBU_Inspections@NB LENERGY.COM	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
240806	WELL	PA	02/20/2015	OW	123-08594	LESLIE E. HANSON GAS UNIT 1	RI

General Comment:

This is a follow-up, final reclamation and stormwater inspection to inspection doc. #682401039 dated 7/14/2016, inspection doc. #682502292 dated 6/20/2017, inspection doc. #675103824 dated 8/14/2017, inspection doc. #682502619 dated 9/28/2017 and inspection doc. #682503068 dated 1/12/2018. Any corrective actions from previous inspections that have not been addressed are still applicable.

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

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 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: _____

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 **Fail** _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage **Fail** _____

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:	Previous inspections required operator to perform additional reclamation including, but not limited to, compaction alleviation and establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of reference area levels at well and battery locations. Operator appears to have planted Echinochloa crus-galli (Barnyardgrass) at the well and battery location. This is an annual grass that can be weedy according to the USDA, reference area is perennial cropland; vegetation is not reflective of the reference area. Additionally, large areas of the battery remains predominantly bare and exposed soil. Unable to find evidence that reclamation activities have been conducted per the corrective action.	Date 06/30/2017
	Perform reclamation in accordance to COGCC 1000 series reclamation requirements including, but not limited to, compaction alleviation and establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of reference area levels at well and battery locations. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until Final Reclamation has passed.	
Overall Final Reclamation	Fail	Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>

COGCC Comments

Comment	User	Date
<p>Comment copied from prior inspection:</p> <p>Inspection Doc. #682401039 dated 7/14/2016 documented that location does not meet reclamation requirements and required operator to collaborate with the surface owner and submit an agreed upon schedule of reclamation operations. Noble submitted sundry doc. #401101470 on 8/30/2016. Noble did not submit an agreed upon schedule per the corrective action with this sundry, however, Noble did state final reclamation activities will begin on 12/12/2016, with work being completed approximately 12/22/2016. In inspection Doc. #682502292 dated 6/20/2017, it was documented that reclamation concerns still remain throughout the location, and it was unclear if additional reclamation activities had been conducted per the 8/30/2016 Noble sundry document. Inspection Doc. #682502292 required operator to submit documentation and invoices for reclamation work conducted as indicated by the 8/30/2016 Noble sundry document. Noble submitted sundry doc. #401338076 on 7/11/2017 as per the corrective action. Noble included invoices for work conducted on location. It was noted, however, that no documentation or invoices had been provided that indicated additional reclamation work had been conducted.</p>	trujilloam	07/18/2018
<p>Comment copied from prior inspection:</p> <p>Operator states within sundry doc. #401338076, that surface owner had conducted work post removal of facilities. Operator remains responsible for all reclamation work conducted on the location, and that such work is performed in accordance to COGCC reclamation requirements including by not limited to compaction alleviation (cross-ripping) to a required depth of eighteen (18) inches and all disturbance areas have revegetated to reference area levels.</p>	trujilloam	07/18/2018

Attached Documents

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

Document Num	Description	URL
682503620	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4526908