

FORM  
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**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 \_\_\_\_\_ Inspector Name: \_\_\_\_\_ On-Site Inspection   
318182 \_\_\_\_\_ Trujillo, Aaron \_\_\_\_\_ 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: 100322Name of Operator: NOBLE ENERGY INCAddress: 1001 NOBLE ENERGY WAYCity: HOUSTON State: TX Zip: 77070**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	<a href="#">All Inspections</a>

**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.

**Inspected Facilities**

Facility ID: 240806 Type: WELL API Number: 123-08594 Status: PA Insp. Status: RI

**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 REVEGETATION

Cropland

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:

	<p>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.</p>	
Corrective Action:	<p>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.</p>	Date <b>06/30/2017</b>
<p>Overall Final Reclamation <b>Fail</b>      Well Release on Active Location <input type="checkbox"/>      Multi-Well Location <input type="checkbox"/></p>		

**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	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4526908">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4526908</a>