

**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:

09/28/2017

Submitted Date:

09/29/2017

Document Number:

682502619**FIELD INSPECTION FORM**

Loc ID 318182	Inspector Name: Trujillo, Aaron	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	<b>Status Summary:</b> <input checked="" type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED  <b>Findings:</b> 7 Number of Comments 1 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested
<b>Operator Information:</b> OGCC Operator Number: <u>100322</u> Name of Operator: <u>NOBLE ENERGY INC</u> Address: <u>1625 BROADWAY STE 2200</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>				

**Contact Information:**

Contact Name	Phone	Email	Comment
,		NBL_DJBU_Inspections@NB LENERGY.COM	<a href="#">All Inspections</a>
Binschus, Chris		chris.binschus@state.co.us	
Arthur, Denise		denise.arthur@state.co.us	

**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 and inspection doc. #675103824 dated 8/14/2017. 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 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>This location does not meet reclamation requirements; insufficient vegetative cover. Sundry Doc. #401338076 dated 7/11/2017 stated surface owner had reseeded the location with a "Sudax Grass" towards the end of June 2017. Location remains predominantly unvegetated; uniform establishment has not been achieved. Though inspector is unsure as to when it was planted, the adjacent crop fields with similar sudax grass shows vegetative growth exceeding heights of 7 feet in areas. Plant growth w/in the disturbance appears stunted and to have chlorosis. Unable to find evidence that operator has adequately performed reclamation. Provide soil sampling to indicate soil is sufficient for crop growth. This location is being considered for enforcement.</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. 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 Final Reclamation has passed.</p>	Date <b>06/30/2017</b>
Overall Final Reclamation	<b>Fail</b>	Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>

**COGCC Comments**

Comment	User	Date
Adjacent reference area to well and battery locations alfalfa crop.	trujilloam	09/29/2017
This is the 4th inspection since 7/14/2016 documenting that location does not meet COGCC 1004 reclamation requirements, and requiring reclamation to be conducted.	trujilloam	09/29/2017
Comment copied from prior inspection:	trujilloam	09/29/2017
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.		
Comment copied from prior inspection:	trujilloam	09/29/2017
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		

**Attached Documents**

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

Document Num	Description	URL
682502625	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4263698">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4263698</a>