

**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 ☐ 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:7 Number of Comments1 Number of Corrective Actions

- ☒
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Binschus, Chris		chris.binschus@state.co.us	
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 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 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:

	<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 06/30/2017
Overall Final Reclamation	Fail	Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>

COGCC Comments

Comment	User	Date
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		
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.		
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
Adjacent reference area to well and battery locations alfalfa crop.	trujilloam	09/29/2017

Attached Documents

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

Document Num	Description	URL
401417412	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4263704
682502625	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4263698