

FORM INSP
Rev 05/11

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:
06/09/2016
Document Number:
680100869
Overall Inspection:
ACTION REQUIRED

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>334384</u>	<u>334384</u>	<u>Colby, Lou</u>	<input type="checkbox"/>	

Operator Information:

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>

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Contact Name	Phone	Email	Comment
Weinberg, Asher	(720) 587-2198	Asher.Weinberg@nblenergy.com	NW Area Inspections
		ctys@chevron.com	
Park, Scott		Scott.Park@nblenergy.com	

Compliance Summary:

QtrQtr:	<u>SENV</u>	Sec:	<u>34</u>	Twp:	<u>7S</u>	Range:	<u>95W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
11/07/2015	680100292			ACTION REQUIRED	F		No
10/13/2015	675202134			SATISFACTORY			No
10/13/2015	675202133			SATISFACTORY		Pass	No
03/26/2015	675201373			SATISFACTORY			No
03/26/2015	675201372			SATISFACTORY			No
09/23/2014	675200585			ACTION REQUIRED			No
07/12/2013	663801257			SATISFACTORY	I		No
07/12/2013	663801256			SATISFACTORY			No

Inspector Comment:

This is a Reclamation and Stormwater Focused Inspection; Follow up to InspDoc#680100292 and Investigation of Complaint IssuesDoc#200438167 filed 12/2/2015. Photo Log attached, documents failed BMPs that appear to allow Spring Run Off and other waters to infiltrate and super saturate the Cut Slope, causing the Subsidence. Any corrective actions from previous inspections that have not been addressed are still applicable. Apparent Land Farming area was noted at SE portion of Location.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
298144	WELL	AL	08/28/2013	LO	045-17081	BATTLEMENT MESA 34 -22A (34F)	RI <input checked="" type="checkbox"/>
298352	WELL	AL	11/22/2013	LO	045-17153	BATTLEMENT MESA 34 -32A (34Fpad)	RI <input checked="" type="checkbox"/>
298353	WELL	AL	12/04/2012	LO	045-17154	Battlement Mesa 34-32B	RI <input checked="" type="checkbox"/>

298354	WELL	AL	11/22/2013	LO	045-17155	BATTLEMENT MESA 34 -32C (34F)	AL	X
298355	WELL	PR	04/30/2013	GW	045-17156	BATTLEMENT MESA 34 -32D	RI	X
298356	WELL	PR	04/26/2010	GW	045-17157	BATTLEMENT MESA 34 -31A	RI	X
298357	WELL	PR	07/29/2013	GW	045-17158	BATTLEMENT MESA 34 -31B	RI	X
298358	WELL	PR	11/26/2012	GW	045-17159	BATTLEMENT MESA 34 -31C	RI	X
298359	WELL	AL	02/01/2015	LO	045-17160	BATTLEMENT MESA 34 -31D (34F)	RI	X
298360	WELL	PR	09/01/2014	GW	045-17161	BATTLEMENT MESA 34 -23A	RI	X
298361	WELL	PR	12/29/2009	GW	045-17162	BATTLEMENT MESA 34 -22B	RI	X
298362	WELL	PR	12/15/2009	GW	045-17163	BATTLEMENT MESA 34 -22C	RI	X
298363	WELL	PR	12/29/2009	GW	045-17164	BATTLEMENT MESA 34 -22D	RI	X
298364	WELL	AL	11/22/2013	LO	045-17165	BATTLEMENT MESA 34 -21D (34F)	RI	X
298548	WELL	PR	03/08/2012	GW	045-17152	BATTLEMENT MESA 34 -33A	RI	X

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Emergency Contact Number (S/AR): _____

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Equipment:				
Type:	#	Satisfactory/Action Required:		
	Comment			
	Corrective Action			Date:

Venting:	
Yes/No	
Comment	

Flaring:			
Type		Satisfactory/Action Required	
	Comment:		
	Corrective Action:		Correct Action Date:

Predrill

Location ID: 334384

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AR: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Comment: _____

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____

Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____

Date Onsite Request Received: _____ Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____ Phone Number: _____ Agreed to Attend: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 298144 Type: WELL API Number: 045-17081 Status: AL Insp. Status: RI

Facility ID: 298352 Type: WELL API Number: 045-17153 Status: AL Insp. Status: RI

Facility ID: 298353 Type: WELL API Number: 045-17154 Status: AL Insp. Status: RI

Facility ID: 298354 Type: WELL API Number: 045-17155 Status: AL Insp. Status: AL

Facility ID: 298355 Type: WELL API Number: 045-17156 Status: PR Insp. Status: RI

Facility ID: 298356 Type: WELL API Number: 045-17157 Status: PR Insp. Status: RI

Facility ID: 298357 Type: WELL API Number: 045-17158 Status: PR Insp. Status: RI

Facility ID: <u>298358</u>	Type: <u>WELL</u>	API Number: <u>045-17159</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298359</u>	Type: <u>WELL</u>	API Number: <u>045-17160</u>	Status: <u>AL</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298360</u>	Type: <u>WELL</u>	API Number: <u>045-17161</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298361</u>	Type: <u>WELL</u>	API Number: <u>045-17162</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298362</u>	Type: <u>WELL</u>	API Number: <u>045-17163</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298363</u>	Type: <u>WELL</u>	API Number: <u>045-17164</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298364</u>	Type: <u>WELL</u>	API Number: <u>045-17165</u>	Status: <u>AL</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298548</u>	Type: <u>WELL</u>	API Number: <u>045-17152</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

Environmental

Spills/Releases:

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____
 Comment:
 Corrective Action: _____ Date: _____
 Reportable: _____ GPS: Lat _____ Long _____
 Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well:

DWR Receipt Num: _____ Owner Name: _____ GPS : _____ Lat _____ Long _____

Field Parameters:

Sample Location:

Emission Control Burner (ECB): _____
 Comment: _____
 Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____
 Land Use: _____
 Comment:
 1003a. Waste and Debris removed? Pass
 CM _____
 CA _____ CA Date _____

Unused or unneeded equipment onsite? Pass

CM _____

CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? Pass

CM _____

CA _____ CA Date _____

Guy line anchors marked? _____

CM _____

CA _____ CA Date _____

1003b. Area no longer in use? Fail Production areas stabilized? Pass

1003c. Compacted areas have been cross ripped? Fail

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? Fail

Production areas have been stabilized? Fail Segregated soils have been replaced? Fail

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation Fail

1003 f. Weeds Noxious weeds? F

Comment: B List State & County Noxious Weeds, Hound's Tongue & Thistle found on Location. Apply Controls ASAP before seed formation; Plants just beginning to Flower at time of Inspection. Refer Insp/Comm for further CAs & Dates.

Overall Interim Reclamation Fail

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 _____ Dust and erosion control _____

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

Weeds present _____ Subsidence _____

Comment: _____

Corrective Action: _____ Date _____

Overall Final Reclamation _____ Well Release on Active Location Multi-Well Location

Storm Water:						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Seeding	Pass					
Ditches	Fail					On Channel above Cut Slope
Berms	Pass					
Seeding	Pass					
Rip Rap	Fail					On Channel above Cut Slope
Sediment Traps	Fail					On Channel above Cut Slope
Drains	Pass					

S/A/V: **ACTION REQUIRED** Corrective Date: **07/06/2016**

Comment: **Large Diversion Channel at top of Cut Slope has failing BMPs (ie: heavy rubber Liner) that allows water to escape and flow /percolate downhill saturating Cut Slope, causing subsidence/sloughing of Cut Slope.**

CA: **Submit SW & Interim Rec Plan that addresses Cut Slope Issues and installation of Interim Reclamation to reduce size of overbuilt location by & 7/6/16 including description of and Schedule of Activities attached to Form 4; notifying Inspector by email of submittal. SW and Reclamation Activities to be Complete by 10/15/16.**

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Fails in Reclamation Section (aside from Weeds) reflect that Loc is overbuilt, areas no longer needed for Use or Production have not been Reclaimed/ Revegetated. CAs are #1) Submit SW & Interim Reclamation Plan that addresses Cut Slope Issues and installation of Interim Reclamation to reduce size of overbuilt location by & 7/6/16 including description of and Schedule of Activities attached to Form 4; notifying Inspector by email of submittal. CA #2) Reclaim /Revegetate areas no longer needed for Use or Production in conjunction with SW CAs .Installation of SW and Reclamation Activities to be Complete by 10/15/16.	colbyl	06/21/2016

Attached Documents

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

Document Num	Description	URL
680100869	INSPECTION APPROVED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3884568
680100875	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3884566
680100876	Aerial Map	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3884567