

FORM
5Rev
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400419691

Date Received:

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 100322

4. Contact Name: Julie Webb

2. Name of Operator: NOBLE ENERGY INC

Phone: (720) 587-2316

3. Address: 1625 BROADWAY STE 2200

Fax:

City: DENVER State: CO Zip: 80202

5. API Number 05-123-21253-00

6. County: WELD

7. Well Name: HALLER

Well Number: 44-21

8. Location: QtrQtr: SESE Section: 21 Township: 2N Range: 65W Meridian: 6

Footage at surface: Distance: 498 feet Direction: FSL Distance: 463 feet Direction: FEL

As Drilled Latitude: As Drilled Longitude:

GPS Data:

Data of Measurement: PDOP Reading: GPS Instrument Operator's Name:

** If directional footage at Top of Prod. Zone Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

** If directional footage at Bottom Hole Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

9. Field Name: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 01/02/2003 13. Date TD: 01/08/2003 14. Date Casing Set or D&A: 01/08/2003

15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 8000 TVD** 17 Plug Back Total Depth MD 7838 TVD**

18. Elevations GR 4891 KB 4903

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

Gamma Ray CCL/CBL

20. Casing, Liner and Cement:

CASING

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	12+1/4	8+5/8	24	0	822	580	0	822	CALC
1ST	7+7/8	4+1/2	11.6	0	7,990	240	6,388	8,000	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 03/21/2013

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
	S.C. 1.1		171	715	1,540

Details of work:

Control well w/ 2% KCL water. RIH w/ blade bit, and scraper, 242jts. Tagged fill at 7760' KB. TIH w/ RBP, retrieved head, 227 jts 2 3/8" tubing. Set RBP @ 7171' KB w/ 227 jts. Roll hole clean. Pressure test to 1500#. Spot 2 sks sand on plug. Unland casing. Pick Up mule shoe and TIH w/33 jts of 1 1/4" to 1026'. Test Iron to 3000 psi. Pump 5 bbls ahead. Pump 171 sks of "G" neat 15.8 ppg cement from 1540' to 715'. Reland casing. Bond log from 1550' to surface. Annular fill cement goes from 1540' to 715'. RIH w/ retrieving head and establish circulation and latch onto RBP. Roll hole clean and release RBP. Land 2 3/8" 4.7 # J-55 tubing to 7651.52' KB. Rig down and move off.

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
			<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____

Print Name: Julie Webb

Title: Regulatory Analyst

Date: _____

Email: juliewebb@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400420597	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Directional Survey **	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	DST Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Logs	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
400419704	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400419708	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments**User Group****Comment****Comment Date**

Total: 0 comment(s)