

FORM 5

Rev 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



DE ET OE ES

Document Number:

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Date Received:

03/07/2013

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.

Completion Type [X] 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 05-123-15373-00 6. County: WELD
7. Well Name: KUGEL W Well Number: 4-4
8. Location: QtrQtr: NWNW Section: 4 Township: 2N Range: 66W Meridian: 6
Footage at surface: Distance: 660 feet Direction: FNL Distance: 660 feet Direction: FWL
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) 11/20/1991 13. Date TD: 11/26/1991 14. Date Casing Set or D&A: 11/27/1991

15. Well Classification:
[ ] Dry [X] Oil [ ] Gas/Coalbed [ ] Disposal [ ] Stratigraphic [ ] Enhanced Recovery [ ] Storage [ ] Observation

16. Total Depth MD 7548 TVD\*\* 17 Plug Back Total Depth MD 7472 TVD\*\*

18. Elevations GR 4896 KB 4906
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

Table with 10 columns: Casing Type, Size of Hole, Size of Casing, Wt/Ft, Csg/Liner Top, Setting Depth, Sacks Cmt, Cmt Top, Cmt Bot, Status. Rows include SURF and 1ST.

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 10/16/2012

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
	S.C. 1.1		308	10	881

Details of work:

Control well w/ 2% KCL Water kill fluid. RIH w/ blade bit, and scraper, 237 jts 1 1/4" 3.02# N-80 tubing. Tagged fill at 7449 KB. TIH w/RBP, retrieved head, 230 jts tubing. Set RBP @ 7219 KB w/ 230 jts. Unland casing. Pick Up mule shoe and RIH w/108 jts of 1 1/4" to 3394'. Condition hole. Tested iron to 2500 Psi. Pump 3 bbls ahead. Pump 308 sks of "G" neat 15.8 ppg cement from 885' to surface. Ran CBL from 1000' to surface. Reland casing @ 35K. Land 1 1/4" 2.33# J-55 tubing to 7338.95'. 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:

Gamma Ray CCL/CBL hard copy will be mailed.

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: 3/7/2013 Email: juliewebb@nobleenergyinc.com

**Attachment Check List**

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400388992	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 type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Other Attachments</b>			
400387433	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)