

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



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Document Number:

400441893

Date Received:

07/02/2013

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. 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: Kathleen Mills

2. Name of Operator: NOBLE ENERGY INC

Phone: (720) 587-2226

3. Address: 1625 BROADWAY STE 2200

Fax: (303) 228-4286

City: DENVER State: CO Zip: 80202

5. API Number 05-123-30695-00

6. County: WELD

7. Well Name: THUNDERHEAD USX AB

Well Number: 25-99HZ

8. Location: QtrQtr: NWNW Section: 25 Township: 7N Range: 64W Meridian: 6

Footage at surface: Distance: 244 feet Direction: FNL Distance: 587 feet Direction: FWL

As Drilled Latitude: 40.550910 As Drilled Longitude: -104.505200

GPS Data:

Date of Measurement: 01/19/2010 PDOP Reading: 4.2 GPS Instrument Operator's Name: PAUL TAPPY

\*\* If directional footage at Top of Prod. Zone Dist.: 825 feet. Direction: FNL Dist.: 1146 feet. Direction: FWL

Sec: 25 Twp: 7N Rng: 64W

\*\* If directional footage at Bottom Hole Dist.: 1622 feet. Direction: FSL Dist.: 673 feet. Direction: FEL

Sec: 25 Twp: 7N Rng: 64W

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) 12/10/2009 13. Date TD: 12/24/2009 14. Date Casing Set or D&A: 12/30/2009

15. Well Classification:

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

16. Total Depth MD 11565 TVD\*\* 6872 17 Plug Back Total Depth MD 11510 TVD\*\* 6869

18. Elevations GR 4786 KB 4799

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:

CBL, GR, MUD

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	9+5/8	36	0	742	311	0	742	VISU
1ST	8+3/4	7	26	0	7,082	710	3,430	7,081	CBL
1ST LINER	6+1/8	4+1/2	11.6	5995	11,511				

### STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

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	
PIERRE	2,898		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	3,662		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,430		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	5,063		<input type="checkbox"/>	<input type="checkbox"/>	
TEEPEE BUTTES	5,982		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	6,852		<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: Kathleen Mills

Title: Regulatory Analyst Date: 7/2/2013 Email: kmills@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
400441991	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
400441993	Directional Survey **	Yes <input checked="" type="checkbox"/> No <input 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>		
400441893	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400441957	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400441960	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400441980	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400441983	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400441987	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400441989	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)