

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:

400417541

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: 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 05-123-34446-00

6. County: WELD

7. Well Name: Karakakes

Well Number: H14-63HN

8. Location: QtrQtr: NWSW Section: 13 Township: 3N Range: 65W Meridian: 6

Footage at surface: Distance: 1484 feet Direction: FSL Distance: 283 feet Direction: FWL

As Drilled Latitude: 40.222035 As Drilled Longitude: -104.619988

GPS Data:

Data of Measurement: 11/13/2012 PDOP Reading: 4.1 GPS Instrument Operator's Name: PAUL TAPPY

\*\* If directional footage at Top of Prod. Zone Dist.: 1438 feet. Direction: FSL Dist.: 715 feet. Direction: FEL

Sec: 14 Twp: 3N Rng: 65W

\*\* If directional footage at Bottom Hole Dist.: 1504 feet. Direction: FSL Dist.: 530 feet. Direction: FWL

Sec: 14 Twp: 3N Rng: 65W

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) 10/02/2012 13. Date TD: 10/08/2012 14. Date Casing Set or D&A: 10/09/2012

15. Well Classification:

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

16. Total Depth MD 11623 TVD\*\* 7016 17 Plug Back Total Depth MD 11607 TVD\*\* 7000

18. Elevations GR 4836 KB 4849

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, MUD-HZ, MUD -VERT

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
CONDUCTOR	24	16	84	0	104	80	0	104	VISU
SURF	13+3/4	9+5/8	36	0	754	257	0	754	VISU
1ST	8+3/4	7	26	0	7,368	595	570	7,368	CALC
1ST LINER	6+1/8	4+1/2	11.6	7254	11,608	0			

### 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	2,993		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	3,853		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,410		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	5,175		<input type="checkbox"/>	<input type="checkbox"/>	
TEEPEE BUTTES	6,107		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	6,969		<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: \_\_\_\_\_ Email: kmills@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400417572	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400417573	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>					
400417557	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417563	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417568	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417575	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417657	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417658	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417661	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417662	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417735	URL-URL-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417736	URL-URL-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417740	URL-URL-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417741	URL-URL-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417742	URL-URL-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417744	URL-URL-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417745	URL-URL-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400417746	URL-URL-MUD	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)