

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



DE ET OE ES

Document Number:

400310476

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: Tania McNutt

2. Name of Operator: NOBLE ENERGY INC

Phone: (303) 228-4392

3. Address: 1625 BROADWAY STE 2200

Fax: (303) 228-4286

City: DENVER State: CO Zip: 80202

5. API Number 05-123-29909-00

6. County: WELD

7. Well Name: EMBREE C

Well Number: 10-20D

8. Location: QtrQtr: SENW Section: 10 Township: 4N Range: 64W Meridian: 6

Footage at surface: Distance: 1975 feet Direction: FNL Distance: 1918 feet Direction: FWL

As Drilled Latitude: 40.328700 As Drilled Longitude: -104.539200

GPS Data:

Data of Measurement: 03/22/2012 PDOP Reading: 2.8 GPS Instrument Operator's Name: Paul Tappy

** If directional footage at Top of Prod. Zone Dist.: 2504 feet. Direction: FNL Dist.: 1393 feet. Direction: FWL

Sec: 10 Twp: 4N Rng: 64W

** If directional footage at Bottom Hole Dist.: 2515 feet. Direction: FNL Dist.: 1400 feet. Direction: FWL

Sec: 10 Twp: 4N 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) 03/06/2012 13. Date TD: 03/08/2012 14. Date Casing Set or D&A: 03/09/2012

15. Well Classification:

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

16. Total Depth MD 7137 TVD** 7050 17 Plug Back Total Depth MD 7083 TVD** 6995

18. Elevations GR 4663 KB 4676

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
Triple Combo

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	689	239	0	689	
1ST	7+7/8	4+1/2	11.6	0	7,127	565	1,729	7,127	

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	2,680		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	3,612		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,252		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,928		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	6,651		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	6,918		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	6,944		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Hard copies of logs were mailed to COGCC on 7/23/2012

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

Signed: _____

Print Name: Tania McNutt

Title: Regulatory Analyst

Date: _____

Email: tmcnutt@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400310485	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400310486	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>					
400310482	LAS-TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400310483	PDF-TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400310484	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400310488	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400310490	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

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

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Total: 0 comment(s)