

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:

400351768

Date Received:

12/27/2012

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: JEAN MUSE-REYNOLDS

2. Name of Operator: NOBLE ENERGY INC

Phone: (303) 228-4316

3. Address: 1625 BROADWAY STE 2200

Fax: (303) 228-4286

City: DENVER State: CO Zip: 80202

5. API Number 05-123-35582-00

6. County: WELD

7. Well Name: BUTTERBALL D

Well Number: 19-17D

8. Location: QtrQtr: NENW Section: 19 Township: 3N Range: 64W Meridian: 6

Footage at surface: Distance: 1072 feet Direction: FNL Distance: 1554 feet Direction: FWL

As Drilled Latitude: 40.215050 As Drilled Longitude: -104.597130

GPS Data:

Date of Measurement: 06/27/2012 PDOP Reading: 3.7 GPS Instrument Operator's Name: PAUL TAPPY

** If directional footage at Top of Prod. Zone Dist.: 1010 feet. Direction: FNL Dist.: 1093 feet. Direction: FEL

Sec: 19 Twp: 3N Rng: 64W

** If directional footage at Bottom Hole Dist.: 1008 feet. Direction: FNL Dist.: 1091 feet. Direction: FEL

Sec: 19 Twp: 3N 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) 06/18/2012 13. Date TD: 06/21/2012 14. Date Casing Set or D&A: 06/23/2012

15. Well Classification:

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

16. Total Depth MD 8265 TVD** 7680 17 Plug Back Total Depth MD 8200 TVD** 7614

18. Elevations GR 4790 KB 4803

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	728	250	0	728	CALC
1ST	7+7/8	4+1/2	11.6	1837	8,244	705	2,095	8,244	CBL

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	3,050		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	4,108		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,756		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	5,449		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,310		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,603		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	8,066		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

CODELL AND J-SAND ARE PRODUCING THROUGH COMPOSITE FLOW-THROUGH PLUGS

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

Signed: _____ Print Name: JEAN MUSE-REYNOLDS

Title: Regulatory Compliance Date: 12/27/2012 Email: jmuse@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?
Attachment Checklist		
400354538	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
400353842	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"/>
Other Attachments		
400351768	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400353822	LAS-TRIPLE COMBINATION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400353826	LAS-DIRECTIONAL SURVEY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400353827	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400353834	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Per operator corrected formation tops.	3/25/2013 9:35:53 AM
Permit	Formation tops on form 5 do not match form 5A.	3/19/2013 2:34:58 PM

Total: 2 comment(s)