

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:

400380937

Date Received:

02/21/2013

## 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: 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 05-123-31701-00

6. County: WELD

7. Well Name: KERN L

Well Number: 04-20D

8. Location: QtrQtr: SWNW Section: 4 Township: 3N Range: 66W Meridian: 6

Footage at surface: Distance: 1990 feet Direction: FNL Distance: 612 feet Direction: FWL

As Drilled Latitude: 40.255450 As Drilled Longitude: -104.789700

## GPS Data:

Date of Measurement: 03/22/2012 PDOP Reading: 1.9 GPS Instrument Operator's Name: PAUL TAPPY

\*\* If directional footage at Top of Prod. Zone Dist.: 2564 feet. Direction: FSL Dist.: 1327 feet. Direction: FWL

Sec: 4 Twp: 3N Rng: 66W

\*\* If directional footage at Bottom Hole Dist.: 2565 feet. Direction: FSL Dist.: 1327 feet. Direction: FWL

Sec: 4 Twp: 3N Rng: 66W

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) 03/04/2012 13. Date TD: 03/07/2012 14. Date Casing Set or D&amp;A: 03/05/2012

## 15. Well Classification:

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

16. Total Depth MD 8041 TVD\*\* 7919 17 Plug Back Total Depth MD 8039 TVD\*\* 7917

18. Elevations GR 4794 KB 4807

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	692	271	0	692	CALC
1ST	7+7/8	4+1/2	11.6	1937	8,018	675	1,960	8,018	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	298		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	3,091		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,447		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	5,319		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,094		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,389		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,412		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	7,869		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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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: 2/21/2013 Email: jmuse@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400381368	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400381167	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>					
400380937	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400381156	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400381165	LAS-DIRECTIONAL SURVEY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400381166	LAS-TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400381168	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Logs received. Ready to pass.	3/4/2013 2:44:40 PM
Permit	Received casing set date.	2/28/2013 11:26:10 AM
Permit	On hold for Date casing set and hard copy of logs.	2/28/2013 10:14:11 AM

Total: 3 comment(s)