

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:

400408429

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: EILEEN ROBERTS

2. Name of Operator: NOBLE ENERGY INC

Phone: (303) 2284330

3. Address: 1625 BROADWAY STE 2200

Fax: (303) 2284286

City: DENVER State: CO Zip: 80202

5. API Number 05-123-34631-00

6. County: WELD

7. Well Name: Abbey State

Well Number: V16-77HN

8. Location: QtrQtr: SESW Section: 16 Township: 2N Range: 67W Meridian: 6

Footage at surface: Distance: 252 feet Direction: FSL Distance: 1965 feet Direction: FWL

As Drilled Latitude: 40.131876 As Drilled Longitude: -104.898246

GPS Data:

Data of Measurement: 11/13/2012 PDOP Reading: 5.0 GPS Instrument Operator's Name: Paul Tappy

** If directional footage at Top of Prod. Zone Dist.: 922 feet. Direction: FNL Dist.: 1446 feet. Direction: FWL

Sec: 16 Twp: 2N Rng: 67W

** If directional footage at Bottom Hole Dist.: 536 feet. Direction: FSL Dist.: 1330 feet. Direction: FWL

Sec: 16 Twp: 2N Rng: 67W

9. Field Name: SPINDLE

10. Field Number: 77900

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 08/28/2012 13. Date TD: 09/05/2012 14. Date Casing Set or D&A: 09/06/2012

15. Well Classification:

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

16. Total Depth MD 11812 TVD** 7456 17 Plug Back Total Depth MD 11794 TVD** 7438

18. Elevations GR 4990 KB 5014

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/GRL/CCL/VDL.

No other logs sent at this time.

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+0/0	16+0/0	75.00	0	124	80	0	124	
SURF	13+3/4	9+5/8	36.00	0	715	364	0	715	
1ST	8+3/4	7+0/0	26.00	0	7,842	640	1,920	7,842	CBL
1ST LINER	6+1/8	4+1/2	11.60	7677	11,796				

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	2,756		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	4,086		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,502		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	5,494		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,395		<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: Eileen Roberts

Title: Regulatory Specialist Date: _____ Email: eroberts@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400408619	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400408620	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>					
400408614	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400408626	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)