

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:

400593700

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 05-123-37484-00

6. County: WELD

7. Well Name: Castor Federal LD

Well Number: 15-75-1HN

8. Location: QtrQtr: NWNE Section: 15 Township: 9N Range: 58W Meridian: 6

Footage at surface: Distance: 556 feet Direction: FNL Distance: 2247 feet Direction: FEL

As Drilled Latitude: 40.757136 As Drilled Longitude: -103.848902

GPS Data:

Data of Measurement: 10/23/2013 PDOP Reading: 2.6 GPS Instrument Operator's Name: LTE

** If directional footage at Top of Prod. Zone Dist.: 865 feet. Direction: FNL Dist.: 2303 feet. Direction: FEL

Sec: 15 Twp: 9N Rng: 58W

** If directional footage at Bottom Hole Dist.: 662 feet. Direction: FSL Dist.: 327 feet. Direction: FEL

Sec: 15 Twp: 9N Rng: 58W

9. Field Name: WILDCAT

10. Field Number: 99999

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 01/07/2014 13. Date TD: 01/14/2014 14. Date Casing Set or D&A: 01/14/2014

15. Well Classification:

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

16. Total Depth MD 10055 TVD** 5764 17 Plug Back Total Depth MD 10039 TVD** 5764

18. Elevations GR 4706 KB 4736

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, GR

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	26	16	42.09	0	130	80	0	130	VISU
SURF	13+3/4	9+5/8	36	0	1,212	522	0	1,212	VISU
1ST	8+3/4	7	26	0	6,155	495	1,640	6,155	CALC
1ST LINER	6+1/8	4+1/2	11.6	6001	10,040	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	1,304		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	3,273		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	3,967		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,308		<input type="checkbox"/>	<input type="checkbox"/>	
TEEPEE BUTTES	4,986		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	5,803		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

GPS TAKEN ON CONDUCTOR

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>		
400593732	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/> No <input checked="" 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>		
400593721	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400593724	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400593725	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400593727	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400593728	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400593729	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400593731	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400593733	DRILLING COMPLETION REPORT	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400593864	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400594076	PDF-CEMENT BOND	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)