

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:

400556783

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 05-123-37561-00

6. County: WELD

7. Well Name: WELLS RANCH AE

Well Number: 20-66HN

8. Location: QtrQtr: NWNW Section: 20 Township: 6N Range: 62W Meridian: 6

Footage at surface: Distance: 1286 feet Direction: FNL Distance: 215 feet Direction: FWL

As Drilled Latitude: 40.475996 As Drilled Longitude: -104.355207

GPS Data:

Date of Measurement: 01/23/2014 PDOP Reading: 5.0 GPS Instrument Operator's Name: RILEY JONSSON

** If directional footage at Top of Prod. Zone Dist.: 1955 feet. Direction: FNL Dist.: 797 feet. Direction: FWL

Sec: 20 Twp: 6N Rng: 62W

** If directional footage at Bottom Hole Dist.: 1980 feet. Direction: FNL Dist.: 535 feet. Direction: FEL

Sec: 20 Twp: 6N Rng: 62W

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) 09/20/2013 13. Date TD: 09/26/2013 14. Date Casing Set or D&A: 09/27/2013

15. Well Classification:

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

16. Total Depth MD 10951 TVD** 6598 17 Plug Back Total Depth MD 10939 TVD** 6598

18. Elevations GR 4840 KB 4870

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	42.05	0	130	60	0	130	VISU
SURF	13+3/4	9+5/8	36	0	970	518	0	970	VISU
1ST	8+3/4	7	26	0	7,000	575	335	7,000	CALC
1ST LINER	6+1/8	4+1/2	11.6	6885	10,940	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	1,118		<input type="checkbox"/>	<input type="checkbox"/>	
PARKMAN	3,599		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,143		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,941		<input type="checkbox"/>	<input type="checkbox"/>	
TEEPEE BUTTES	5,977		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	6,665		<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: Kathleen Mills

Title: Regulatory Analyst Date: _____ Email: kmills@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
400556894	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
400556824	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>		
400556794	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400556812	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400556814	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400556816	LAS-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400556819	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400556821	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400556822	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400556823	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400556825	DIRECTIONAL DATA	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)