

FORM
5Rev
09/14

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400591788

Date Received:

04/21/2014

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

OGCC Operator Number: 100322

Contact Name: Kathleen Mills

Name of Operator: NOBLE ENERGY INC

Phone: (720) 587-2226

Address: 1625 BROADWAY STE 2200

Fax: (303) 228-4286

City: DENVER State: CO Zip: 80202

API Number 05-123-37432-00

County: WELD

Well Name: Castor Federal LD

Well Number: 15-73-1HN

Location: QtrQtr: NENE Section: 15 Township: 9N Range: 58W Meridian: 6

Footage at surface: Distance: 300 feet Direction: FNL Distance: 698 feet Direction: FEL

As Drilled Latitude: 40.757872 As Drilled Longitude: -103.843332

GPS Data:

Date of Measurement: 04/14/2014 PDOP Reading: 2.7 GPS Instrument Operator's Name: RILEY JONSSON

** If directional footage at Top of Prod. Zone Dist.: 896 feet. Direction: FNL Dist.: 964 feet. Direction: FEL

Sec: 15 Twp: 9N Rng: 58W

** If directional footage at Bottom Hole Dist.: 687 feet. Direction: FSL Dist.: 980 feet. Direction: FEL

Sec: 15 Twp: 9N Rng: 58W

Field Name: WILDCAT

Field Number: 99999

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 12/17/2013 Date TD: 12/21/2013 Date Casing Set or D&A: 12/22/2013

Rig Release Date: Per Rule 308A.b.

Well Classification:

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

Total Depth MD 9807 TVD** 5588 Plug Back Total Depth MD 9796 TVD** 5588

Elevations GR 4708 KB 4730 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, MUD, GR

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	26+8/16	16	42.09	0	124	80	0	124	VISU
SURF	13+3/4	9+5/8	36	0	1,216	499	0	1,216	VISU
1ST	8+3/4	7	26	0	5,931	490	1,142	5,931	CALC
1ST LINER	6+1/8	4+1/2	11.6	5854	9,797	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:

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
PIERRE	1,327				
PARKMAN	3,190				
SUSSEX	3,813				
SHANNON	4,211				
TEEPEE BUTTES	4,911				
NIOBRARA	5,766				

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: 4/21/2014 Email: kmills@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400591875	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400591876	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>					
400591788	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400591837	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400591860	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400591862	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400591863	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400591864	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400591868	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400591871	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400591872	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400591877	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400816232	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>
Permit	<p>Changed field name to DJ Horiz. Niobrara. Corrected GR elevation to reflect directional survey.</p> <p>1) CBL corrupted. Contacted operator. Returned to draft.</p>	<p>3/25/2015 3:09:28 PM</p>

Total: 1 comment(s)