

**FORM
5**Rev
09/14**State of Colorado****Oil and Gas Conservation Commission**

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Document Number:

400815221

Date Received:

03/26/2015

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 100322 Contact Name: EILEEN ROBERTS
Name of Operator: NOBLE ENERGY INC Phone: (303) 2284330
Address: 1625 BROADWAY STE 2200 Fax: (303) 2284286
City: DENVER State: CO Zip: 80202

API Number 05-123-40157-00 County: WELD
Well Name: Crow Creek Well Number: AA01-776
Location: QtrQtr: NWNW Section: 1 Township: 6N Range: 63W Meridian: 6
Footage at surface: Distance: 290 feet Direction: FNL Distance: 575 feet Direction: FWL
As Drilled Latitude: 40.522030 As Drilled Longitude: -104.392220

GPS Data:

Date of Measurement: 11/06/2014 PDOP Reading: 5.2 GPS Instrument Operator's Name: Toa Sagapolutele** If directional footage at Top of Prod. Zone Dist.: 726 feet Direction: FNL Dist.: 954 feet Direction: FWLSec: 1 Twp: 6N Rng: 63W** If directional footage at Bottom Hole Dist.: 27 feet Direction: FNL Dist.: 908 feet Direction: FWLSec: 12 Twp: 6N Rng: 63WField Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 01/09/2015 Date TD: 01/15/2015 Date Casing Set or D&A: 01/15/2015Rig Release Date: 01/16/2015 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 11647 TVD** 6712 Plug Back Total Depth MD 11630 TVD** 6712Elevations GR 4798 KB 4822 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, Mud, MWD/LWD

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	16	42.05	0	124	80	0	124	VISU
SURF	13+1/2	9+5/8	36	0	686	295	0	686	VISU
1ST	8+3/4	7	26	0	7,025	545	1,430	7,025	CBL
1ST LINER	6+1/8	4+1/2	11.6	6930	11,632				

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	1,139				
PARKMAN	3,562				
SUSSEX	4,453				
SHANNON	4,963				
NIOBRARA	6,537				

Operator Comments

WAITING ON COMPLETION. THIS WELL WAS DRILLED BUT NOT YET REPORTED AS COMPLETED. THE TOP OF THE PRODUCING ZONE, AS REPORTED, IS TAKEN FROM THE ORIGINAL DRILLING PLAN. AT THE TIME OF COMPLETION, THE EXACT FOOTAGES WILL BE REPORTED. A MIT WILL BE DONE ON THE WELL WITHIN TWO YEARS OF TD IF THE WELL HAS NOT BEEN REPORTED AS COMPLETED.

No open-hole logs were run on this well. Rule 317.p Exception.

The cased hole log run on this pad is Crow Creek AA 01-785 (05-123-40160)

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 Analyst I Date: 3/26/2015 Email: eroberts@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400815233	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400815234	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>			
400815221	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400815226	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400815227	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400815229	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400815230	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400815231	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400815232	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400815235	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Changed BHL from 30 fnl, 950 fwl to 27 fnl, 908 fwl	12/29/2016

Total: 1 comment(s)