

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



Document Number:

401274936

Date Received:

03/19/2018

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: Logan Boughal
 Name of Operator: NOBLE ENERGY INC Phone: (832) 6397447
 Address: 1001 NOBLE ENERGY WAY Fax: _____
 City: HOUSTON State: TX Zip: 77070

API Number 05-123-42975-00 County: WELD
 Well Name: Benelli Federal Well Number: LC22-765
 Location: QtrQtr: NENW Section: 22 Township: 9N Range: 59W Meridian: 6
 Footage at surface: Distance: 400 feet Direction: FNL Distance: 1612 feet Direction: FWL
 As Drilled Latitude: 40.742340 As Drilled Longitude: -103.967831

GPS Data:

Date of Measurement: 01/24/2017 PDOP Reading: 1.6 GPS Instrument Operator's Name: Toa Sagapolutele** If directional footage at Top of Prod. Zone Dist.: 519 feet Direction: FNL Dist.: 1920 feet Direction: FWLSec: 22 Twp: 9N Rng: 59W** If directional footage at Bottom Hole Dist.: 331 feet Direction: FSL Dist.: 1929 feet Direction: FWLSec: 22 Twp: 9N Rng: 59WField Name: DJ HORIZONTAL NIOBRARA Field Number: 16950

Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 02/24/2017 Date TD: 02/27/2017 Date Casing Set or D&A: 02/27/2017Rig Release Date: 03/07/2017 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 10866 TVD** 6028 Plug Back Total Depth MD 10819 TVD** 6028Elevations GR 4916 KB 4946 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, MWD/LWD, Mud, (DIL in API 123-42969)

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	42.09	0	110	64	0	110	VISU
SURF	13+1/2	9+5/8	36	0	1,909	653	0	1,909	VISU
1ST	8+1/2	5+1/2	20	0	10,857	1,156	1,800	10,857	CBL

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	768				
PARKMAN	3,475				
SUSSEX	4,097				
SHANNON	4,596				
TEEPEE BUTTES	5,380				
NIOBRARA	6,268				

Operator Comments

AS drilled GPS was surveyed after conductor was set on 1/4/2017.
No Open Hole logs ran per rule 317.p. Resistivity log was ran on Mossberg Federal LC10-765 (123-42969)
TPZ is estimated. Actual TPZ will be submitted on the form 5A.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Logan Boughal

Title: Regulatory Analyst II Date: 3/19/2018 Email: Logan.boughal@nblenergy.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401274991	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401274992	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401274988	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>					
401274936	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401274963	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401274965	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401274966	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401274980	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401274987	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401274989	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	• Corrected the surface string "Sacks of Cement" from 660 to 653 per the Cement Job Summary	06/21/2018
Permit	Changed MWD/LWD to their standard industry abbreviations. Added mud to list of logs. Change field name from wildcat to DJ Horizontal Niobrara.	03/20/2018
Permit	Send back to draft since submitter is not on the designated agent list.	03/16/2018

Total: 3 comment(s)