

FORM
5

Rev
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:

401274852

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 05-123-42977-00 County: WELD
Well Name: Benelli Federal Well Number: LC22-760
Location: QtrQtr: NENW Section: 22 Township: 9N Range: 59W Meridian: 6
Footage at surface: Distance: 400 feet Direction: FNL Distance: 1649 feet Direction: FWL
As Drilled Latitude: 40.742346 As Drilled Longitude: -103.967698

GPS Data:
Date of Measurement: 01/24/2017 PDOP Reading: 2.1 GPS Instrument Operator's Name: Toa Sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 522 feet Direction: FNL Dist.: 2355 feet. Direction: FWL
Sec: 22 Twp: 9N Rng: 59W

** If directional footage at Bottom Hole Dist.: 344 feet Direction: FSL Dist.: 2369 feet. Direction: FWL
Sec: 22 Twp: 9N Rng: 59W

Field Name: DJ HORIZONTAL NIOBRARA Field Number: 16950
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 02/28/2017 Date TD: 03/02/2017 Date Casing Set or D&A: 03/03/2017
Rig Release Date: 03/07/2017 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 11022 TVD** 6110 Plug Back Total Depth MD 10966 TVD** 6110

Elevations GR 4915 KB 4945 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD/LWD, (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	1,912	654	0	1,912	VISU
1ST	8+1/2	5+1/2	20	0	11,007	1,179	1,925	11,007	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	772				
PARKMAN	3,487				
SUSSEX	4,119				
SHANNON	4,630				
TEEPEE BUTTES	5,425				
NIOBRARA	6,163				

Operator Comments

As Drilled GPS was surveyed after conductor was set on 1/5/2017.
 No mud logs ran. 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 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>			
401274906	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401274907	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401274901	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>			
401274852	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401274883	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401274892	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401274895	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401274897	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401274904	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	Change field name from wildcat to DJ Horizontal Niobrara. Changed MWD/LWD to their standard industry abbreviations.	03/19/2018
Permit	Send back to draft since submitter is not on the designated agent list.	03/16/2018

Total: 2 comment(s)