

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:

401373215

Date Received:

03/26/2018

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 05-123-42632-00 County: WELD  
Well Name: Constitution Federal Well Number: LC21-655  
Location: QtrQtr: SWNW Section: 22 Township: 9N Range: 59W Meridian: 6  
Footage at surface: Distance: 2175 feet Direction: FNL Distance: 401 feet Direction: FWL  
As Drilled Latitude: 40.737450 As Drilled Longitude: -103.972131

GPS Data:  
Date of Measurement: 05/01/2017 PDOP Reading: 3.5 GPS Instrument Operator's Name: Toa Sagapolutele

\*\* If directional footage at Top of Prod. Zone Dist.: 2126 feet Direction: FNL Dist.: 369 feet Direction: FEL  
Sec: 21 Twp: 9N Rng: 59W

\*\* If directional footage at Bottom Hole Dist.: 2086 feet Direction: FNL Dist.: 332 feet Direction: FWL  
Sec: 21 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) 06/12/2017 Date TD: 06/15/2017 Date Casing Set or D&A: 06/16/2017  
Rig Release Date: 06/20/2017 Per Rule 308A.b.

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

Total Depth MD 11121 TVD\*\* 6116 Plug Back Total Depth MD 11061 TVD\*\* 6116  
Elevations GR 4907 KB 4937 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
CBL, MWD/LWD, Resistivity

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	1,931	661	0	1,931	VISU
1ST	8+1/2	5+1/2	20	0	11,111	1,173	2,120	11,111	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	
PARKMAN	3,433				
SUSSEX	4,146				
SHANNON	4,510				
TEEPEE BUTTES	5,410				
NIOBRARA	6,052				

**Operator Comments**

As drilled GPS was surveyed after conductor was set on 4/20/2017.  
No mud logs ran.  
TPZ is estimated, actual TPZ will be reported on the form 5A when the well has been completed.

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: 3/26/2018 Email: logan.boughal@nblenergy.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401373356	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401373357	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401373556	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>			
401373215	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401373313	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401373317	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401373318	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401373320	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401373321	LAS-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401373325	PDF-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401373329	PDF-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401373355	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 MWD/LWD to their standard industry abbreviations. Changed the field name from wildcat to DJ Horizontal Niobrara.	03/27/2018
Permit	Send back to draft since submitter is not on the designated agent list.	03/23/2018

Total: 2 comment(s)