

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:

401562910

Date Received:

03/15/2018

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 05-123-45378-00

County: WELD

Well Name: Bison Ridge

Well Number: Y22-779

Location: QtrQtr: NESW Section: 10 Township: 2N Range: 64W Meridian: 6

Footage at surface: Distance: 2230 feet Direction: FSL Distance: 2017 feet Direction: FWL

As Drilled Latitude: 40.151835 As Drilled Longitude: -104.539856

GPS Data:

Date of Measurement: 11/07/2017 PDOP Reading: 2.2 GPS Instrument Operator's Name: TOA SAGAPOLUTELE

** If directional footage at Top of Prod. Zone Dist.: 2180 feet Direction: FSL Dist.: 790 feet Direction: FWL

Sec: 10 Twp: 2N Rng: 64W

** If directional footage at Bottom Hole Dist.: 2640 feet Direction: FSL Dist.: 739 feet Direction: FWL

Sec: 22 Twp: 2N Rng: 64W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 12/24/2017 Date TD: 12/28/2017 Date Casing Set or D&A: 12/29/2017

Rig Release Date: 12/29/2017 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 17191 TVD** 6956 Plug Back Total Depth MD 17130 TVD** 6956

Elevations GR 4930 KB 4960

Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

CBL, MWD/LWD, (IND in 123-38199)

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	2,056	727	0	2,056	VISU
1ST	8+1/2	5+1/2	26	0	17,181	1,902	1,855	17,181	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	3,979				
SUSSEX	4,308				
SHANNON	5,151				
TEEPEE BUTTES	6,078				
SHARON SPRINGS	7,040				
NIOBRARA	7,139				

Operator Comments

TPZ IS ESTIMATED. ACCURATE TPZ WILL BE NOTED ON 5A.
GPS WAS TAKEN PRIOR AT CONDUCTOR CASING PRIOR TO RIG ARRIVAL.

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: 3/15/2018 Email: LOGAN.BOUGHAL@NBLENERGY.COM

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401562915	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401562917	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401562918	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>					
401562910	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401562912	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401562913	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401562914	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401575421	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401575423	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Change MWD/LWD to their standard industry abbreviations. Added (IND in API 123-38199) to list of logs run	03/15/2018
Permit	Sent back to draft due to missing PDF of CBL and MWD/LWD logs	03/14/2018

Total: 2 comment(s)