

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Document Number:
402100682

Date Received:

Completion Type Final completion Preliminary completion

OGCC Operator Number: 100322 Contact Name: Craig Richardson
 Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4232
 Address: 1001 NOBLE ENERGY WAY Fax: _____
 City: HOUSTON State: TX Zip: 77070

API Number 05-123-48163-00 County: WELD
 Well Name: Wells Ranch State Well Number: AA36-683
 Location: QtrQtr: SWNW Section: 32 Township: 6N Range: 62W Meridian: 6
 Footage at surface: Distance: 1934 feet Direction: FNL Distance: 814 feet Direction: FWL
 As Drilled Latitude: 40.445134 As Drilled Longitude: -104.353737

GPS Data:
 Date of Measurement: 04/19/2019 PDOP Reading: 3.7 GPS Instrument Operator's Name: Toa Sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 560 feet. Direction: FNL Dist.: 8 feet. Direction: FWL
 Sec: 32 Twp: 6N Rng: 62W
 ** If directional footage at Bottom Hole Dist.: 470 feet. Direction: FNL Dist.: 259 feet. Direction: FWL
 Sec: 36 Twp: 6N Rng: 63W

Field Name: WATTENBERG Field Number: 90750
 Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 04/27/2019 Date TD: 05/13/2019 Date Casing Set or D&A: 05/15/2019
 Rig Release Date: 05/24/2019 Per Rule 308A.b.

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

Total Depth MD 17177 TVD** 6545 Plug Back Total Depth MD 17109 TVD** 6545

Elevations GR 4732 KB 4762 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:
CBL, MWD/LWD, (Resistivity in 123-30489)

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	36.94	0	110	64	0	110	CALC
SURF	13+1/2	9+5/8	36	0	1,931	646	0	1,931	VISU
1ST	8+1/2	5+1/2	17	0	17,157	1,755	3,836	17,157	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	3,622				
TEEPEE BUTTES	5,949				
NIOBRARA	6,638				

Comment:

Noble short set TPZ and BHL; the spacing unit did not change.

As drilled GPS was surveyed after conductor was set.

TPZ is estimated, actual TPZ will be submitted on Form 5A.

Open Hole Logging Exception: No open hole logs run per rule 317.p. Resistivity ran on Wells Ranch AE 32-05 (123-30489).

GL/KB on CBL incorrect. Correct elevation provided on form.

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

Signed: _____

Print Name: Julie Webb

Title: Sr. Regulatory Analyst

Date: _____

Email: julie.webb@nblenergy.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
402117842	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402117844	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"/>
Other Attachments			
402117843	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402117848	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402117850	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402117851	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402117873	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>
		Stamp Upon Approval

Total: 0 comment(s)

