

**DRILLING COMPLETION REPORT**

Document Number:  
401408652

Date Received:

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.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 100322 Contact Name: Julie Webb  
 Name of Operator: NOBLE ENERGY INC Phone: (720) 587-2223  
 Address: 1625 BROADWAY STE 2200 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202

API Number 05-123-44250-00 County: WELD  
 Well Name: Wells Ranch Well Number: AF07-645  
 Location: QtrQtr: SENE Section: 8 Township: 5N Range: 62W Meridian: 6  
 Footage at surface: Distance: 2388 feet Direction: FNL Distance: 175 feet Direction: FEL  
 As Drilled Latitude: 40.414964 As Drilled Longitude: -104.338374

GPS Data:  
 Date of Measurement: 06/27/2017 PDOP Reading: 2.5 GPS Instrument Operator's Name: Toa Sagapolutele

\*\* If directional footage at Top of Prod. Zone Dist.: 2353 feet. Direction: FSL Dist.: 522 feet. Direction: FEL  
 Sec: 8 Twp: 5N Rng: 62W  
 \*\* If directional footage at Bottom Hole Dist.: 2265 feet. Direction: FSL Dist.: 543 feet. Direction: FEL  
 Sec: 7 Twp: 5N Rng: 62W

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

Spud Date: (when the 1st bit hit the dirt) 07/06/2017 Date TD: 07/10/2017 Date Casing Set or D&A: 07/11/2017  
 Rig Release Date: 07/26/2017 Per Rule 308A.b.

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

Total Depth MD 16015 TVD\*\* 6537 Plug Back Total Depth MD 15946 TVD\*\* 6537  
 Elevations GR 4704 KB 4734 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL, GR, 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	1,943	664	0	1,943	VISU
1ST	8+1/2	5+1/2	20	0	15,996	1,745	1,946	15,996	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	375				
PARKMAN	3,409				
SUSSEX	4,176				
SHANNON	4,867				
TEEPEE BUTTES	5,813				
NIOBRARA	6,412				

Comment:

As drilled GPS was surveyed after conductor was set on 6/10/2017.  
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: Julie Webb

Title: Senior Regulatory Analyst

Date: \_\_\_\_\_

Email: jwebb@progressivepcs.net

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
401408751	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401408750	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"/>
<b>Other Attachments</b>			
401408712	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401408714	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401408716	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401408722	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401408726	PDF-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401408728	LAS-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401408733	PDF-RESISTIVITY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401408753	DIRECTIONAL DATA	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)