

**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



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Document Number:  
400795133

Date Received:

**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.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 100322 Contact Name: Kathleen Mills  
 Name of Operator: NOBLE ENERGY INC Phone: (720) 587-2226  
 Address: 1625 BROADWAY STE 2200 Fax: (303) 228-4286  
 City: DENVER State: CO Zip: 80202

API Number 05-123-39018-00 County: WELD  
 Well Name: Mahalo State Well Number: AA09-72-1BHNC  
 Location: QtrQtr: SESE Section: 4 Township: 6N Range: 63W Meridian: 6  
 Footage at surface: Distance: 325 feet Direction: FSL Distance: 1215 feet Direction: FEL  
 As Drilled Latitude: 40.509522 As Drilled Longitude: -104.436550

GPS Data:  
 Date of Measurement: 11/26/2014 PDOP Reading: 3.3 GPS Instrument Operator's Name: TOA SAGAPOLUTELE

\*\* If directional footage at Top of Prod. Zone Dist.: 581 feet. Direction: FNL Dist.: 221 feet. Direction: FEL  
 Sec: 9 Twp: 6N Rng: 63W  
 \*\* If directional footage at Bottom Hole Dist.: 28 feet. Direction: FNL Dist.: 84 feet. Direction: FEL  
 Sec: 16 Twp: 6N Rng: 63W

Field Name: WATTENBERG Field Number: 90750  
 Federal, Indian or State Lease Number: CO9056.6

Spud Date: (when the 1st bit hit the dirt) 12/28/2014 Date TD: 01/05/2015 Date Casing Set or D&A: 01/07/2015  
 Rig Release Date: 01/17/2015 Per Rule 308A.b.

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

Total Depth MD 12036 TVD\*\* 6684 Plug Back Total Depth MD 12036 TVD\*\* 6684

Elevations GR 4700 KB 4716 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
USIT, MUD, MWD

**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	84	0	92	80	0	92	VISU
SURF	13+1/2	9+5/8	36	0	827	441	0	827	VISU
1ST	8+3/4	7	26	0	7,181	574	1,060	7,181	CBL
1ST LINER	6+1/8	4+1/2	11.6	7023	12,026				

## 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	994				
PARKMAN	3,495				
SUSSEX	4,313				
SHANNON	4,904				
TEEPEE BUTTES	5,824				
NIOBRARA	6,651				

Comment:

GPS TAKEN ON CONDUCTOR  
WAITING ON COMPLETION. THIS WELL WAS DRILLED BUT NOT YET REPORTED AS COMPLETED. THE TOP OF THE PRODUCING ZONE, AS REPORTED, IS TAKEN FROM THE ORIGINAL DRILLING PLAN. AT THE TIME OF COMPLETION, THE EXACT FOOTAGES WILL BE REPORTED. A MIT WILL BE DONE ON THE WELL WITHIN 2 YEARS OF TD IF THE WELL HAS NOT BEEN REPORTED AS COMPLETED.

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

Signed: \_\_\_\_\_ Print Name: Kathleen Mills

Title: Regulatory Analyst Date: \_\_\_\_\_ Email: k Mills@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400795144	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400795145	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>			
400795988	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400795992	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400795995	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400796000	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400796003	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400796006	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400796008	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400796009	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400796252	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)