

**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:  
400788569

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

API Number: <u>05-123-39555-00</u>	County: <u>WELD</u>
Well Name: <u>Heartland</u>	Well Number: <u>C30-79-1HN</u>
Location: QtrQtr: <u>SESE</u> Section: <u>25</u> Township: <u>4N</u> Range: <u>65W</u> Meridian: <u>6</u>	
Footage at surface: Distance: <u>282</u> feet Direction: <u>FSL</u>	Distance: <u>320</u> feet Direction: <u>FEL</u>
As Drilled Latitude: <u>40.276743</u>	As Drilled Longitude: <u>-104.603499</u>

GPS Data:  
Date of Measurement: 07/14/2014 PDOP Reading: 3.5 GPS Instrument Operator's Name: RILEY JONSSON

\*\* If directional footage at Top of Prod. Zone Dist.: 1025 feet. Direction: FSL Dist.: 263 feet. Direction: FWL  
Sec: 30 Twp: 4N Rng: 64W

\*\* If directional footage at Bottom Hole Dist.: 159 feet. Direction: FNL Dist.: 274 feet. Direction: FWL  
Sec: 19 Twp: 4N Rng: 64W

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

Spud Date: (when the 1st bit hit the dirt) 08/23/2014 Date TD: 09/06/2014 Date Casing Set or D&A: 09/08/2014  
Rig Release Date: 09/27/2014 Per Rule 308A.b.

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

Total Depth MD 16871 TVD\*\* 7012 Plug Back Total Depth MD 16871 TVD\*\* 7012

Elevations GR 4845 KB 4861 **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	42.09	0	96	64	0	96	VISU
SURF	13+3/4	9+5/8	36	0	707	335	0	707	VISU
1ST	8+3/4	7	26	0	7,281	638	720	7,281	CBL
1ST LINER	6+1/8	4+1/2	11.6	7105	16,861				

## 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	1,062				
PARKMAN	3,792				
SUSSEX	4,226				
SHANNON	5,041				
TEEPEE BUTTES	6,156				
NIOBRARA	6,927				

Comment:

GPS TAKEN ON CONDUCTOR

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: kmills@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400788624	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400788625	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>			
400788593	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400788598	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400788604	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400788614	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400788616	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400788617	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400788618	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400788619	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400788626	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)