

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



Document Number:

400777652

Date Received:

01/22/2015

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: 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 05-123-39552-00 County: WELD  
Well Name: Heartland State Well Number: H01-73-1HN  
Location: QtrQtr: SESE Section: 25 Township: 4N Range: 65W Meridian: 6  
Footage at surface: Distance: 282 feet Direction: FSL Distance: 762 feet Direction: FEL  
As Drilled Latitude: 40.276753 As Drilled Longitude: -104.605094

GPS Data:  
Date of Measurement: 10/21/2014 PDOP Reading: 2.8 GPS Instrument Operator's Name: TAO SAGAPOLUTELE

\*\* If directional footage at Top of Prod. Zone Dist.: 665 feet Direction: FNL Dist.: 935 feet Direction: FEL  
Sec: 36 Twp: 4N Rng: 65W  
\*\* If directional footage at Bottom Hole Dist.: 75 feet Direction: FSL Dist.: 887 feet Direction: FEL  
Sec: 1 Twp: 3N Rng: 65W

Field Name: WATTENBERG Field Number: 90750  
Federal, Indian or State Lease Number: 70/7902-S

Spud Date: (when the 1st bit hit the dirt) 09/03/2014 Date TD: 09/13/2014 Date Casing Set or D&A: 09/19/2014  
Rig Release Date: 10/04/2014 Per Rule 308A.b.

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

Total Depth MD 17374 TVD\*\* 6899 Plug Back Total Depth MD 17364 TVD\*\* 6899  
Elevations GR 4834 KB 4850 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
USIT, MUD, GR

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	24	16	42.00	0	96	48	0	96	VISU
SURF	13+3/4	9+5/8	36	0	716	435	0	716	VISU
1ST	8+3/4	7	26	0	7,417	640	180	7,417	CBL
1ST LINER	6+1/8	4+1/2	11.6	7250	17,364				

**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	1,063				
PARKMAN	3,865				
SUSSEX	4,191				
SHANNON	4,990				
TEEPEE BUTTES	6,064				
NIOBRARA	6,900				

Operator Comments

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: 1/22/2015 Email: eroberts@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400777704	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400777705	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>			
400777652	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777667	CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777668	MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777669	MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777670	MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777676	MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777678	GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777698	GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777701	GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777707	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Well logged to describe stratigraphy for the pad, per COA on APD, not specified herein, GR run to surface. See scout card for stratigraphy log.	11/25/2016
Permit	Corrected BHL footage to reflect directional survey reported value. GR .las incomplete. 11/22/16 Operator submitted GR .las.	10/18/2016

Total: 2 comment(s)