

FORM  
5Rev  
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



DE ET OE ES

Document Number:

400777378

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 05-123-39551-00

County: WELD

Well Name: Heartland

Well Number: G25-73-1HN

Location: QtrQtr: SESE Section: 25 Township: 4N Range: 65W Meridian: 6

Footage at surface: Distance: 282 feet Direction: FSL Distance: 739 feet Direction: FEL

As Drilled Latitude: 40.276751 As Drilled Longitude: -104.605015

## GPS Data:

Date of Measurement: 10/21/2014 PDOP Reading: 1.4 GPS Instrument Operator's Name: TAO SAGAPOLUTELE

\*\* If directional footage at Top of Prod. Zone Dist.: 1205 feet. Direction: FSL Dist.: 963 feet. Direction: FEL

Sec: 25 Twp: 4N Rng: 65W

\*\* If directional footage at Bottom Hole Dist.: 89 feet. Direction: FNL Dist.: 1121 feet. Direction: FEL

Sec: 24 Twp: 4N Rng: 65W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 09/22/2014 Date TD: 10/01/2014 Date Casing Set or D&amp;A: 10/02/2014

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 16867 TVD\*\* 6997 Plug Back Total Depth MD 16867 TVD\*\* 6997

Elevations GR 4835 KB 4851 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

CBL, MUD, 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	24	16	42.00	0	96	48	0	96	VISU
SURF	13+1/2	9+5/8	36	0	711	351	0	711	VISU
1ST	8+3/4	7	26	0	7,372	640	520	7,372	CBL
1ST LINER	6+1/8	4+1/2	11.6	7243	16,857				

## 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	1,078				
PARKMAN	3,799				
SUSSEX	4,163				
SHANNON	5,009				
TEEPEE BUTTES	6,047				
NIOBRARA	6,877				

Comment:

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 ?	
<u>Attachment Checklist</u>			
400777464	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400777466	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>			
400777401	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777403	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777406	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777408	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777413	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777455	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777459	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400777463	PDF-GYRO SURVEY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400778913	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)