

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:

400537439

Date Received:

01/10/2014

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 05-123-37275-00 County: WELD  
Well Name: CROW CREEK STATE Well Number: AC36-78HN  
Location: QtrQtr: SWSW Section: 36 Township: 7N Range: 63W Meridian: 6  
Footage at surface: Distance: 270 feet Direction: FSL Distance: 263 feet Direction: FWL  
As Drilled Latitude: 40.523576 As Drilled Longitude: -104.393323

GPS Data:  
Date of Measurement: 01/03/2014 PDOP Reading: 2.9 GPS Instrument Operator's Name: RILEY JONSSON

\*\* If directional footage at Top of Prod. Zone Dist.: 915 feet Direction: FSL Dist.: 650 feet Direction: FWL  
Sec: 36 Twp: 7N Rng: 63W

\*\* If directional footage at Bottom Hole Dist.: 537 feet Direction: FNL Dist.: 645 feet Direction: FWL  
Sec: 36 Twp: 7N Rng: 63W

Field Name: WATTENBERG Field Number: 90750  
Federal, Indian or State Lease Number: 9804.8

Spud Date: (when the 1st bit hit the dirt) 10/08/2013 Date TD: 10/15/2013 Date Casing Set or D&A: 10/16/2013  
Rig Release Date: Per Rule 308A.b.

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

Total Depth MD 10974 TVD\*\* 6611 Plug Back Total Depth MD 10963 TVD\*\* 6611

Elevations GR 4774 KB 4790 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
CBL, 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	26	16	84	0	115	64	0	115	VISU
SURF	12+1/4	9+5/8	36	0	601	323	0	601	VISU
1ST	8+3/4	7	26	0	6,996	635	1,310	6,996	CBL
1ST LINER	6+1/8	4+1/2	11.6	6887	10,964				

**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	1,123				
PARKMAN	3,105				
SUSSEX	3,642				
SHANNON	4,449				
TEEPEE BUTTES	4,958				
NIOBRARA	6,582				

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: 1/10/2014 Email: kmills@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400537516	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400537518	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>			
400537439	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400537474	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400537478	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400537481	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400537486	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400537488	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400537511	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400537512	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400537513	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400537519	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Surface casing information has been updated; assume by Diana B.; it now matches cmt ticket & CBL.	2/12/2015 12:23:10 PM
Permit	Corrected BHL footage to reflect directional survey reported value.	2/11/2015 2:47:14 PM
Engineer	Requesting surface casing setting depth clarification. cbl/cement tix do not agree.	1/10/2014 2:26:46 PM

Total: 3 comment(s)