

**FORM  
5**Rev  
09/14**State of Colorado****Oil and Gas Conservation Commission**

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Document Number:

400779865

Date Received:

01/26/2015

**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 05-123-38851-00 County: WELD  
Well Name: Cutthroat Well Number: LC28-77HNB  
Location: QtrQtr: SESW Section: 28 Township: 9N Range: 59W Meridian: 6  
Footage at surface: Distance: 340 feet Direction: FSL Distance: 1468 feet Direction: FWL  
As Drilled Latitude: 40.715000 As Drilled Longitude: -103.987112

## GPS Data:

Date of Measurement: 09/25/2014 PDOP Reading: 2.1 GPS Instrument Operator's Name: TOA SAGAPOLUTELE\*\* If directional footage at Top of Prod. Zone Dist.: 905 feet Direction: FSL Dist.: 1310 feet Direction: FWLSec: 28 Twp: 9N Rng: 59W\*\* If directional footage at Bottom Hole Dist.: 682 feet Direction: FNL Dist.: 1317 feet Direction: FWLSec: 28 Twp: 9N Rng: 59WField Name: DJ HORIZONTAL NIOBRARA Field Number: 16950

Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 08/28/2014 Date TD: 09/01/2014 Date Casing Set or D&A: 09/02/2014Rig Release Date: 09/14/2014 Per Rule 308A.b.

## Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 10368 TVD\*\* 6102 Plug Back Total Depth MD 10368 TVD\*\* 6102Elevations GR 4853 KB 4883 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

USIT, 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	26	16	42.09	0	130	80	0	130	VISU
SURF	13+3/4	9+5/8	36	0	596	335	0	596	VISU
1ST	8+3/4	7	26	0	6,475	576	880	6,475	CBL
1ST LINER	6+1/8	4+1/2	11.6	6373	10,353				

**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	2,500				
PARKMAN	3,530				
SUSSEX	4,218				
SHANNON	4,529				
TEEPEE BUTTES	5,323				
NIOBRARA	6,108				

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: 1/26/2015 Email: eroberts@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400779890	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400779892	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>					
400779865	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400779893	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400779945	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400779948	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400779949	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400779950	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400779951	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400779953	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400779957	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400779958	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Surface string setting depth adjusted from 630' to 596' as per cement job summary 400779890. Liner setting depth deeper than TD; requested verification on 10/25/2016; operator verified setting depth as 10353'.	10/25/2016 11:37:51 AM

Total: 1 comment(s)