

**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:

400763357

Date Received:

01/07/2015

**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: EILEEN ROBERTS  
Name of Operator: NOBLE ENERGY INC Phone: (303) 2284330  
Address: 1625 BROADWAY STE 2200 Fax: (303) 2284286  
City: DENVER State: CO Zip: 80202

API Number 05-123-37763-00 County: WELD  
Well Name: SANDAU Well Number: K25-65-1HN  
Location: QtrQtr: NWSW Section: 25 Township: 4N Range: 66W Meridian: 6  
Footage at surface: Distance: 2310 feet Direction: FSL Distance: 318 feet Direction: FWL  
As Drilled Latitude: 40.282089 As Drilled Longitude: -104.733755

## GPS Data:

Date of Measurement: 01/15/2014 PDOP Reading: 1.9 GPS Instrument Operator's Name: Riley Jonsson\*\* If directional footage at Top of Prod. Zone Dist.: 2515 feet Direction: FSL Dist.: 891 feet Direction: FWLSec: 25 Twp: 4N Rng: 66W\*\* If directional footage at Bottom Hole Dist.: 2202 feet Direction: FSL Dist.: 80 feet Direction: FELSec: 25 Twp: 4N Rng: 66WField Name: HAMBERT Field Number: 33530

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

Spud Date: (when the 1st bit hit the dirt) 03/04/2014 Date TD: 03/15/2014 Date Casing Set or D&A: 03/16/2014Rig Release Date: 03/18/2014 Per Rule 308A.b.

## Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 12127 TVD\*\* 7114 Plug Back Total Depth MD 12127 TVD\*\* 7114Elevations GR 4780 KB 4796 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

CBL/Mud/Gamma

**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	18	16	42	0	98	48	0	98	VISU
SURF	13+3/4	9+5/8	36	0	668	428	0	668	VISU
1ST	8+3/4	7	26	0	7,618	690	1,125	7,618	CBL
1ST LINER	6+1/8	4+1/2	11.6	7465	12,112				

### 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	2,537				
PARKMAN	3,758				
SUSSEX	4,266				
SHANNON	4,989				
NIOBRARA	7,148				

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: Eileen Roberts

Title: Regulatory Analyst

Date: 1/7/2015

Email: eroberts@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400763506	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400763507	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>					
400763357	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400763511	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400763519	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400763520	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400763522	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400763525	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400763527	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400763532	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400765859	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	adjusted TOC per CBL 40765859 showing continuoud cmt over 50% bonded.	6/8/2015 12:17:25 PM
Permit	Corrected Bottom Hole Location (BHL) footages to reflect directional survey reported values. Corrected Top of Production Zone (TPZ) footages to reflect directional survey reported values.	3/3/2015 8:28:14 AM

Total: 2 comment(s)