

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



Document Number:

400947629

Date Received:

12/16/2015

## 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: Julie Webb

Name of Operator: NOBLE ENERGY INC

Phone: (720) 587-2223

Address: 1625 BROADWAY STE 2200

Fax:

City: DENVER State: CO Zip: 80202

API Number 05-123-41567-00

County: WELD

Well Name: Brecken

Well Number: LD28-727

Location: QtrQtr: SWSE Section: 28 Township: 9N Range: 58W Meridian: 6

Footage at surface: Distance: 358 feet Direction: FSL Distance: 1704 feet Direction: FEL

As Drilled Latitude: 40.715830 As Drilled Longitude: -103.865470

## GPS Data:

Date of Measurement: 07/27/2015 PDOP Reading: 2.0 GPS Instrument Operator's Name: Toa Sagapolutele

\*\* If directional footage at Top of Prod. Zone Dist.: 844 feet Direction: FSL Dist.: 1192 feet Direction: FEL

Sec: 28 Twp: 9N Rng: 58W

\*\* If directional footage at Bottom Hole Dist.: 321 feet Direction: FNL Dist.: 1144 feet Direction: FEL

Sec: 28 Twp: 9N Rng: 58W

Field Name: DJ HORIZONTAL NIOBRARA

Field Number: 16950

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 08/06/2015 Date TD: 08/11/2015 Date Casing Set or D&amp;A: 08/11/2015

Rig Release Date: 08/29/2015 Per Rule 308A.b.

## Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 10579 TVD\*\* 5848 Plug Back Total Depth MD 10566 TVD\*\* 5848

Elevations GR 4829 KB 4853

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

CBL, Mud, GR, Compensated Neutron

## 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	104	80	0	104	VISU
SURF	13+1/2	9+5/8	36	0	1,115	457	0	1,115	VISU
1ST	8+3/4	7	26	0	6,285	465	1,005	6,285	CBL
1ST LINER	6+1/8	4+1/2	11.9	6189	10,568				

### 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	
PARKMAN	3,283				
SUSSEX	3,984				
SHANNON	4,439				
NIOBRARA	5,916				

#### Operator Comments

As build GPS was surveyed after conductor was set on 7/15/15.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Julie Webb

Title: Regulatory Analyst Date: 12/16/2015 Email: jwebb@progressivepcs.net

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400955700	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400955712	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>					
400947629	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400955713	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400955716	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400955720	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400955723	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400955725	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400955727	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400955739	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400955740	LAS-NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Liner top cannot be below first string (needs something to hang from); emailed Sherri for clarification 7/14/2016; all else ready to pass. Liner top adjusted from 6292' to 6189', liner setting depth adjusted from 10578' to 10568', and date casing set adjusted from 8/8/2015 to 8/11/2015 as per operator (Julie Webb) verification (email sent 7/14/16).	7/14/2016 12:59:30 PM
Permit	Corrected Field Name from Wildcat to DJ Horizontal Niobrara and notified operator. Added date conductor was set to operator comments with operator approval. Included Mud log in list of logs.	6/15/2016 2:25:03 PM

Total: 2 comment(s)