

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:

400456281

Date Received:

07/29/2013

## 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 05-123-36682-00

County: WELD

Well Name: KUMMER PC

Well Number: LE23-65HN

Location: QtrQtr: NWSW Section: 23 Township: 8N Range: 61W Meridian: 6

Footage at surface: Distance: 2272 feet Direction: FSL Distance: 255 feet Direction: FWL

As Drilled Latitude: 40.646350 As Drilled Longitude: -104.181397

## GPS Data:

Date of Measurement: 04/12/2013 PDOP Reading: 2.5 GPS Instrument Operator's Name: BRANDI BINGHAM

\*\* If directional footage at Top of Prod. Zone Dist.: 2646 feet Direction: FNL Dist.: 874 feet Direction: FWL

Sec: 23 Twp: 8N Rng: 61W

\*\* If directional footage at Bottom Hole Dist.: 2641 feet Direction: FNL Dist.: 676 feet Direction: FEL

Sec: 23 Twp: 8N Rng: 61W

Field Name: DJ HORIZONTAL NIOBRARA

Field Number: 16950

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 03/28/2013 Date TD: 04/04/2013 Date Casing Set or D&amp;A: 04/06/2013

Rig Release Date: Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 10742 TVD\*\* 6493 Plug Back Total Depth MD 10726 TVD\*\* 6493

Elevations GR 4982 KB 5006 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	124	80	0	124	VISU
SURF	13+3/4	9+5/8	36	0	758	453	0	758	VISU
1ST	8+3/4	7	26	0	6,875	565	457	6,875	CBL
1ST LINER	6+1/8	4+1/2	11.6	6793	10,727				

### 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	2,668				
PARKMAN	3,478				
SUSSEX	4,148				
SHANNON	5,023				
TEEPEE BUTTES	5,621				
SHARON SPRINGS	6,444				
NIOBRARA	6,489				

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: 7/29/2013 Email: kmills@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400456430	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400763223	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>					
400456281	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400456344	CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400456363	MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400456365	MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400456377	MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400456407	MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400456427	GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400763224	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
#Error	Operator submitted final dir. survey and dir. data template. Corrected TD TVD and PBTVD to reflect directional survey.	1/5/2015 10:00:37 AM
#Error	Dir. survey and dir. data template contain plan data, not final data. Contacted operator, returned to draft.	1/2/2015 1:38:04 PM
#Error	Changed field name to DJ Horiz. Niobrara. Corrected TPZ Rng. value.	1/2/2015 1:21:15 PM

Total: 3 comment(s)