

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

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Document Number:

400775534

Date Received:

01/20/2015

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 05-123-38854-00

County: WELD

Well Name: Rainbow

Well Number: LC28-76-1BHNA

Location: QtrQtr: SWSE Section: 28 Township: 9N Range: 59W Meridian: 6

Footage at surface: Distance: 340 feet Direction: FSL Distance: 1998 feet Direction: FEL

As Drilled Latitude: 40.715024 As Drilled Longitude: -103.980475

GPS Data:

Date of Measurement: 09/25/2014 PDOP Reading: 2.6 GPS Instrument Operator's Name: Toa Sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 789 feet Direction: FSL Dist.: 2515 feet Direction: FWL

Sec: 28 Twp: 9N Rng: 59W

** If directional footage at Bottom Hole Dist.: 669 feet Direction: FNL Dist.: 2482 feet Direction: FWL

Sec: 28 Twp: 9N Rng: 59w

Field Name: DJ HORIZONTAL NIOBRARA

Field Number: 16950

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 06/29/2014 Date TD: 07/04/2014 Date Casing Set or D&A: 07/05/2014

Rig Release Date: 07/07/2014 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 10359 TVD** 6003 Plug Back Total Depth MD 10359 TVD** 6003

Elevations GR 4843 KB 4867 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	26	16	42.09	0	124	80	0	124	VISU
SURF	13+3/4	9+5/8	36	0	629	316	0	629	VISU
1ST	8+3/4	7	26	0	6,438	313	400	6,438	CBL
1ST LINER	6+1/8	4+1/2	11.6	6203	10,355				

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	3,423				
SUSSEX	4,110				
SHANNON	4,452				
NIOBRARA	6,212				

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 I

Date: 1/20/2015

Email: eroberts@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
400775632	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
400775634	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>		
400775534	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400775615	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400775618	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400775620	PDF-MUD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400775627	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400775628	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400775630	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
400775638	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)