

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



DE ET OE ES

Document Number:

400773378

Date Received:

## DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

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 05-123-38848-00

County: WELD

Well Name: Rainbow

Well Number: LC28-78-1HNA

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

Footage at surface: Distance: 340 feet Direction: FSL Distance: 1430 feet Direction: FWL

As Drilled Latitude: 40.714999 As Drilled Longitude: -103.987252

## GPS Data:

Date of Measurement: 09/25/2014 PDOP Reading: 2.3 GPS Instrument Operator's Name: TAO SAGAPOLUTELE

\*\* If directional footage at Top of Prod. Zone Dist.: 844 feet. Direction: FSL Dist.: 973 feet. Direction: FWL

Sec: 28 Twp: 9N Rng: 59W

\*\* If directional footage at Bottom Hole Dist.: 675 feet. Direction: FNL Dist.: 997 feet. Direction: FWL

Sec: 28 Twp: 9N Rng: 59W

Field Name: WILDCAT

Field Number: 99999

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 08/21/2014 Date TD: 08/25/2014 Date Casing Set or D&amp;A: 08/26/2014

Rig Release Date: 08/27/2014 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 10339 TVD\*\* 6043 Plug Back Total Depth MD 10339 TVD\*\* 6043

Elevations GR 4853 KB 4883 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

USIT, 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	42.09	0	130	80	0	130	VISU
SURF	13+3/4	9+5/8	36	0	630	341	0	630	VISU
1ST	8+3/4	7	26	0	6,422	531	890	6,422	CBL
1ST LINER	6+1/8	4+1/2	11.5	6321	10,324				

## 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	2,515				
PARKMAN	3,442				
SUSSEX	4,225				
SHANNON	4,548				
TEEPEE BUTTES	5,367				
NIOBRARA	6,234				

Comment:

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: \_\_\_\_\_ Email: kmills@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400773409	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400773412	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>			
400773445	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400773464	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400773468	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400774103	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400774104	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400774105	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400774106	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400774107	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400774108	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>

Total: 0 comment(s)