

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:

400862422

Date Received:

07/02/2015

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 05-123-38141-00

County: WELD

Well Name: RELIANCE

Well Number: E23-69-1HN

Location: QtrQtr: NWNW Section: 23 Township: 6N Range: 65W Meridian: 6

Footage at surface: Distance: 1258 feet Direction: FNL Distance: 755 feet Direction: FWL

As Drilled Latitude: 40.475350 As Drilled Longitude: -104.637290

GPS Data:

Date of Measurement: 12/18/2014 PDOP Reading: 2.8 GPS Instrument Operator's Name: Toa Sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 396 feet Direction: FNL Dist.: 995 feet Direction: FWL

Sec: 23 Twp: 6N Rng: 65W

** If directional footage at Bottom Hole Dist.: 279 feet Direction: FNL Dist.: 225 feet Direction: FEL

Sec: 23 Twp: 6N Rng: 65W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 02/02/2015 Date TD: 02/08/2015 Date Casing Set or D&A: 02/08/2015

Rig Release Date: 02/09/2015 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 11567 TVD** 6884 Plug Back Total Depth MD 11540 TVD** 6884

Elevations GR 4733 KB 4763 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL/Mud/Gamma. The designated log run on this pad is, Reliance E 23-68-1HN

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	132	80	0	132	VISU
SURF	13+1/2	9+5/8	36	0	771	315	0	771	VISU
1ST	8+3/4	7	26	0	7,355	588	177	7,355	CBL
1ST LINER	6+1/8	4+1/2	11.6	7154	11,552				

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	1,014				
PARKMAN	3,666				
SUSSEX	4,228				
SHANNON	5,003				
NIOBRARA	6,948				

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: 7/2/2015

Email: eroberts@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400862586	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400862595	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>					
400862422	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400862578	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400862579	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400862581	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400862582	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400862583	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400862584	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400862598	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Surface string setting depth adjusted from 801' to 771' as per cement job summary 400862586.	10/28/2016 2:21:56 PM
Permit	Corrected TPZ and BHL footages to reflect directional survey reported values. Corrected TD TVD and PBTVD to reflect directional survey.	10/26/2016 9:15:59 AM

Total: 2 comment(s)