

**FORM
5**Rev
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:

400859280

Date Received:

08/13/2015

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 05-123-38143-00

County: WELD

Well Name: RELIANCE

Well Number: E23-69HN

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

Footage at surface: Distance: 1235 feet Direction: FNL Distance: 755 feet Direction: FWL

As Drilled Latitude: 40.475410 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.: 216 feet Direction: FNL Dist.: 904 feet Direction: FWL

Sec: 23 Twp: 6N Rng: 65W

** If directional footage at Bottom Hole Dist.: 82 feet Direction: FNL Dist.: 150 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) 02/10/2015 Date TD: 02/16/2015 Date Casing Set or D&A: 02/16/2015

Rig Release Date: 02/18/2015 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 11732 TVD** 6951 Plug Back Total Depth MD 11708 TVD** 6951

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 neutron log on this pad will be; Reliance E 23-69HN, 123-38143

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	132	80	0	132	VISU
SURF	13+1/2	9+5/8	36	0	782	342	0	782	VISU
1ST	8+3/4	7	26	0	7,398	548	980	7,398	CBL
1ST LINER	6+1/8	4+1/2	11.6	7285	11,717				

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	1,011				
PARKMAN	3,690				
SUSSEX	4,243				
SHANNON	5,015				
NIOBRARA	6,935				

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 RobertsTitle: Regulatory Analyst IDate: 8/13/2015Email: eroberts@nobleenergyinc.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400883607	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400859396	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>					
901535	NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400859280	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400859312	CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400859320	MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400859332	MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400859334	GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400859336	GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400859338	GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400859395	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400883799	NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Corrected TPZ and BHL footage to reflect directional survey reported value. Corrected TD TVD and PBTVD to reflect directional survey. 10/25/16 Missing neutron log .las. 11/7/16 Neutron log .las submitted by operator.	10/25/2016

Total: 1 comment(s)