

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:

400836955

Date Received:

05/27/2015

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 05-123-39828-00

County: WELD

Well Name: Moses State

Well Number: LD11-78HN

Location: QtrQtr: SWSW Section: 2 Township: 9N Range: 58W Meridian: 6

Footage at surface: Distance: 465 feet Direction: FSL Distance: 1154 feet Direction: FWL

As Drilled Latitude: 40.774560 As Drilled Longitude: -103.836830

GPS Data:

Date of Measurement: 10/31/2014 PDOP Reading: 1.8 GPS Instrument Operator's Name: Toa Sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 141 feet Direction: FNL Dist.: 661 feet Direction: FWL

Sec: 11 Twp: 9N Rng: 58W

** If directional footage at Bottom Hole Dist.: 330 feet Direction: FSL Dist.: 675 feet Direction: FWL

Sec: 11 Twp: 9N Rng: 58W

Field Name: WILDCAT

Field Number: 99999

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 01/16/2015 Date TD: 01/22/2015 Date Casing Set or D&A: 01/24/2015

Rig Release Date: 01/25/2015 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 10870 TVD** 5630 Plug Back Total Depth MD 10866 TVD** 5630

Elevations GR 4748 KB 4772 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL/Mud/Gamma. CNL run on Little State LD 11-75-1BHN, 123-39817

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	42.5	0	124	80	0	124	VISU
SURF	13+1/2	9+5/8	36	0	1,225	508	0	1,225	VISU
1ST	8+3/4	7	26	0	6,069	444	1,042	6,069	CBL
1ST LINER	6+1/8	4+1/2	11.6	5856	10,866	322	5,856	10,866	CALC

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	2,444				
PARKMAN	3,334				
SUSSEX	3,961				
SHANNON	4,399				
NIOBRARA	5,686				

Operator Comments

Open hole logging exception approved. Cased hole neutron to be run on one well on pad: Upchurch State LD02-77-1BHN (123-39817)

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 I Date: 5/27/2015 Email: DenverRegulatory@nblenergy.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400844984	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400837023	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>					
400836955	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400836998	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400836999	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400837001	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400837007	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400837009	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400837012	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400837032	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Verified CNL run on 123-39817.	3/15/2016 12:57:25 PM
Permit	Oper. confirmed as built GPS dates from conductor setting.	3/12/2016 3:04:47 PM
Permit	Req'd cement summaries for 1st string & liner. Req'd as drilled GPS. Need well with cased hole neutron log identified.	3/7/2016 12:15:39 PM

Total: 3 comment(s)