

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:

401768220

Date Received:

12/18/2018

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: Craig Richardson

Name of Operator: NOBLE ENERGY INC

Phone: (303) 228-4232

Address: 1001 NOBLE ENERGY WAY

Fax:

City: HOUSTON State: TX Zip: 77070

API Number 05-123-44239-00

County: WELD

Well Name: Wells Ranch State

Well Number: AF09-667

Location: QtrQtr: SENE Section: 8 Township: 5N Range: 62W Meridian: 6

Footage at surface: Distance: 2148 feet Direction: FNL Distance: 175 feet Direction: FEL

As Drilled Latitude: 40.415629 As Drilled Longitude: -104.338377

GPS Data:

Date of Measurement: 06/12/2018 PDOP Reading: 3.3 GPS Instrument Operator's Name: Toa Sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 1611 feet Direction: FNL Dist.: 405 feet Direction: FWL

Sec: 9 Twp: 5N Rng: 62W

** If directional footage at Bottom Hole Dist.: 1675 feet Direction: FNL Dist.: 540 feet Direction: FEL

Sec: 10 Twp: 5N Rng: 62W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 07/16/2018 Date TD: 07/20/2018 Date Casing Set or D&A: 07/22/2018

Rig Release Date: 07/22/2018 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 16372 TVD** 6446 Plug Back Total Depth MD 16310 TVD** 6446

Elevations GR 4707 KB 4737 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, MWD/LWD, (NEU in 123-44242)

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	36.94	0	110	64	0	110	CALC
SURF	13+1/2	9+5/8	36	0	1,940	687	0	1,940	VISU
1ST	8+1/2	5+1/2	20	0	16,358	1,664	2,418	16,358	CBL

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	490				
PARKMAN	3,432				
SUSSEX	4,186				
TEEPEE BUTTES	5,809				
NIOBRARA	6,377				

Operator Comments

TPZ is actual.

No Open Hole Logs run. Per Rule 317.p. Neutron log run on Wells Ranch State AF09-649 (123-44242).

As Drilled GPS was surveyed after conductor was set.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____

Print Name: Julie Webb

Title: Sr. Regulatory Analyst

Date: 12/18/2018

Email: julie.webb@nblenergy.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401768224	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401877199	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401842860	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>					
1557414	MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401768220	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401842839	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401842841	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401842846	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401842849	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401842880	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	Corrected surface string setting depth & cement bottom per cement job summary (doc #401768224)	01/18/2019
Permit	•Attached provided MWD/LWD log Doc. 1557414	01/07/2019
Permit	•Corrected # sacks of cement on 1st string per attached cement job summary 401877199 •Missing .pdf of MWD log in MD; requested from Operator	12/26/2018

Total: 3 comment(s)

