

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:

401721031

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 05-123-44243-00 County: WELD
Well Name: Wells Ranch State Well Number: AF09-640
Location: QtrQtr: NESE Section: 8 Township: 5N Range: 62W Meridian: 6
Footage at surface: Distance: 1439 feet Direction: FSL Distance: 135 feet Direction: FEL
As Drilled Latitude: 40.410803 As Drilled Longitude: -104.338177

GPS Data:
Date of Measurement: 07/23/2018 PDOP Reading: 3.4 GPS Instrument Operator's Name: Toa Sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 2006 feet Direction: FSL Dist.: 427 feet Direction: FWL

Sec: 9 Twp: 5N Rng: 62W

** If directional footage at Bottom Hole Dist.: 2015 feet Direction: FSL Dist.: 538 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) 08/07/2018 Date TD: 08/11/2018 Date Casing Set or D&A: 08/13/2018

Rig Release Date: 08/13/2018 Per Rule 308A.b.

Well Classification:

Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 16475 TVD** 6385 Plug Back Total Depth MD 16410 TVD** 6385

Elevations GR 4712 KB 4742 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:

CBL, MWD/LWD, (Neutron in 123-44244)

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	1,919	663	0	1,919	VISU
1ST	8+1/2	5+1/2	20	0	16,457	1,674	2,480	16,457	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	510				
PARKMAN	3,458				
SUSSEX	4,189				
TEEPEE BUTTES	5,832				
NIOBRARA	6,441				

Operator Comments

TPZ is actual
 As drilled GPS was surveyed after conductor was set.
 Open Hole logging exception granted per Rule 317.p.

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 ?	
Attachment Checklist			
401732393	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401877193	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401842644	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"/>
Other Attachments			
401721031	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401842625	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401842627	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401842629	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401842630	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401842645	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 1st string casing cement top per CBL	01/18/2019
Permit	<ul style="list-style-type: none"> •Corrected # sx of cement on surface string •Added missing open hole logging exception comment on Submit tab •Corrected footage call of TPZ (was given to nearest survey) •Corrected footage call of TPZ (was given at last survey point, not PTB) 	01/02/2019

Total: 2 comment(s)

