

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:

401713905

Date Received:

10/24/2018

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: LOGAN BOUGHAL
Name of Operator: NOBLE ENERGY INC Phone: (832) 6397447
Address: 1001 NOBLE ENERGY WAY Fax:
City: HOUSTON State: TX Zip: 77070

API Number 05-123-44244-00 County: WELD
Well Name: Wells Ranch State Well Number: AF09-618
Location: QtrQtr: NESE Section: 8 Township: 5N Range: 62W Meridian: 6
Footage at surface: Distance: 1364 feet Direction: FSL Distance: 135 feet Direction: FEL
As Drilled Latitude: 40.410601 As Drilled Longitude: -104.338174

GPS Data:
Date of Measurement: 07/23/2018 PDOP Reading: 2.1 GPS Instrument Operator's Name: TOA SAGAPOLUTELE

** If directional footage at Top of Prod. Zone Dist.: 570 feet Direction: FSL Dist.: 120 feet Direction: FWL
Sec: 9 Twp: 5N Rng: 62W

** If directional footage at Bottom Hole Dist.: 529 feet Direction: FSL Dist.: 544 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) 08/02/2018 Date TD: 08/05/2018 Date Casing Set or D&A: 08/07/2018
Rig Release Date: 08/16/2018 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 16305 TVD** 6457 Plug Back Total Depth MD 16241 TVD** 6457

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

List Electric Logs Run:
MWD/LWD, CBL, NEU

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	1,908	666	0	1,908	VISU
1ST	8+1/2	5+1/2	20	0	16,288	1,661	2,622	16,288	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	
FOX HILLS	322				
PIERRE	501				
PARKMAN	3,443				
SUSSEX	4,174				
TEEPEE BUTTES	5,831				
NIOBRARA	6,454				

Operator Comments

TPZ IS ESTIMATED. ACTUAL TPZ WILL BE REPORTED ON FORM 5A.
GPS measurement was taken on preset conductor pipe prior to spud.

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

Signed: _____ Print Name: LOGAN BOUGHAL

Title: REGULATORY ANALYST II Date: 10/24/2018 Email: LOGAN.BOUGHAL@NBLENERGY.COM

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401768103	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401791083	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401808626	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>			
401713905	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401808600	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401808604	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401808608	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401808611	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401808615	PDF-NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401808624	LAS-NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401808625	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 Corrected surface string setting depth & cement bottom per cement job summary (doc #401768103)	01/18/2019
Permit	<ul style="list-style-type: none"> •Corrected # sx of cement on surface string •Correctd logs from GR to MWD/LWD •Added GPS date taken on preset conductor note to Submit tab •Added all logs run to the Drilling tab, since none were listed •Corrected as-drilled BHL 	01/02/2019

Total: 2 comment(s)

