

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:

401083523

Date Received:

07/25/2016

**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: <u>100322</u>	Contact Name: <u>Julie Webb</u>
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(720) 587-2223</u>
Address: <u>1625 BROADWAY STE 2200</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	

API Number <u>05-123-42305-00</u>	County: <u>WELD</u>
Well Name: <u>Wells Ranch</u>	Well Number: <u>AA22-688</u>
Location: QtrQtr: <u>NENE</u> Section: <u>21</u> Township: <u>6N</u> Range: <u>63W</u> Meridian: <u>6</u>	
Footage at surface: Distance: <u>1010</u> feet Direction: <u>FNL</u> Distance: <u>398</u> feet Direction: <u>FEL</u>	
As Drilled Latitude: <u>40.476570</u>	As Drilled Longitude: <u>-104.434010</u>

## GPS Data:

Date of Measurement: 01/26/2016 PDOP Reading: 2.2 GPS Instrument Operator's Name: Toa Sagapolutele

\*\* If directional footage at Top of Prod. Zone Dist.: 164 feet Direction: FNL Dist.: 421 feet. Direction: FWL

Sec: 22 Twp: 6N Rng: 63W

\*\* If directional footage at Bottom Hole Dist.: 99 feet Direction: FNL Dist.: 1889 feet. Direction: FEL

Sec: 23 Twp: 6N Rng: 63W

Field Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 05/01/2016 Date TD: 05/05/2016 Date Casing Set or D&A: 05/09/2016

Rig Release Date: 05/09/2016 Per Rule 308A.b.

## Well Classification:

Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

Total Depth MD 15490 TVD\*\* 6718 Plug Back Total Depth MD 12396 TVD\*\* 6718

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

## List Electric Logs Run:

CBL, Mud, MWD/LWD, Neutron log was run on Wells Ranch AA 22-674 (05-123-42306).

**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	110	99	0	110	VISU
SURF	13+1/2	9+5/8	36	0	1,916	730	0	1,916	VISU
1ST	8+1/2	5+1/2	20	0	12,439	1,567	1,210	12,439	CBL
OPEN HOLE	8+1/2			12439	15,490				

**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	416				
PARKMAN	3,556				
SUSSEX	4,099				
SHANNON	4,894				
NIOBRARA	6,631				
FORT HAYS	7,079				
CODELL	7,241				
CARLILE	8,858				

**Operator Comments**

As built GPS was surveyed after conductor was set on 1/20/2016.  
Per COGCC request, partners were notified of TPZ changes to this well via revised 30-day notices or courtesy notice.  
Neutron log was run on Wells Ranch AA 22-674 (05-123-42306).  
No open-hole logs were run on this well.

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: Regulatory Analyst Date: 7/25/2016 Email: jwebb@progressivepcs.net

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401083597	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401083590	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>			
401083523	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401083567	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401083568	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401083578	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401083584	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401083586	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401083589	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401083594	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	Do not see that this well has an open hole logging exception, BMP stated an open hole res log shall be run on the pad. Adjusted casing depths to match supplied cement job summary. Added open hole section from end of 1st str to TD.	12/12/2016
Permit	Operator changed BHL footages 12/7/16. name was changed on the Gamma Ray log to MWD/LWD	12/09/2016

Total: 2 comment(s)