

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:

401871670

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 Righardson  
Name of Operator: NOBLE ENERGY INC Phone: (303) 228-4232  
Address: 1001 NOBLE ENERGY WAY Fax:  
City: HOUSTON State: TX Zip: 77070

API Number 05-123-44245-00 County: WELD  
Well Name: Wells Ranch State Well Number: AF09-658  
Location: QtrQtr: SENE Section: 8 Township: 5N Range: 62W Meridian: 6  
Footage at surface: Distance: 2185 feet Direction: FNL Distance: 175 feet Direction: FEL  
As Drilled Latitude: 40.415525 As Drilled Longitude: -104.338376

GPS Data:  
Date of Measurement: 06/12/2108 PDOP Reading: 4.5 GPS Instrument Operator's Name: Toa Sagapolutele

\*\* If directional footage at Top of Prod. Zone Dist.: 2102 feet Direction: FNL Dist.: 447 feet Direction: FWL  
Sec: 9 Twp: 5N Rng: 62W

\*\* If directional footage at Bottom Hole Dist.: 2114 feet Direction: FNL Dist.: 543 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) 07/11/2018 Date TD: 07/14/2018 Date Casing Set or D&A: 07/16/2108  
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 16330 TVD\*\* 6409 Plug Back Total Depth MD 16269 TVD\*\* 6409

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

List Electric Logs Run:  
CBL, Mud, 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             | 1,938         | 680       | 0       | 1,938   | VISU   |
| 1ST         | 8+1/2        | 5+1/2          | 20    | 0             | 16,316        | 1,655     | 3,054   | 16,316  | 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        | 3,426          |        |                  |       |   |
| SUSSEX         | 4,159          |        |                  |       |   |
| TEEPEE BUTTES  | 5,782          |        |                  |       |   |
| NIOBRARA       | 6,369          |        |                  |       |   |

**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 ?                              |  |
|------------------------------------|-----------------------|---|--|
| <b><u>Attachment Checklist</u></b> |                       |   |  |
| 401876654                          | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401877197                          | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                                    | Core Analysis         | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| 401871698                          | 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"/> |
| <b><u>Other Attachments</u></b>    |                       |   |  |
| 401871670                          | FORM 5 SUBMITTED      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401871695                          | DIRECTIONAL DATA      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401871709                          | PDF-CEMENT BOND       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401871711                          | LAS-CEMENT BOND       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401871713                          | LAS-MUD               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401871714                          | PDF-MUD               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401871717                          | LAS-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401871723                          | PDF-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401871724                          | PDF-MWD/LWD           | 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          |

Total: 1 comment(s)

