

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:

401373215

Date Received:

03/26/2018

## 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 05-123-42632-00

County: WELD

Well Name: Constitution Federal

Well Number: LC21-655

Location: QtrQtr: SWNW Section: 22 Township: 9N Range: 59W Meridian: 6

Footage at surface: Distance: 2175 feet Direction: FNL Distance: 401 feet Direction: FWL

As Drilled Latitude: 40.737450 As Drilled Longitude: -103.972131

## GPS Data:

Date of Measurement: 05/01/2017 PDOP Reading: 3.5 GPS Instrument Operator's Name: Toa Sagapolutele

\*\* If directional footage at Top of Prod. Zone Dist.: 2126 feet Direction: FNL Dist.: 369 feet Direction: FEL

Sec: 21 Twp: 9N Rng: 59W

\*\* If directional footage at Bottom Hole Dist.: 2086 feet Direction: FNL Dist.: 332 feet Direction: FWL

Sec: 21 Twp: 9N Rng: 59W

Field Name: DJ HORIZONTAL NIOBRARA

Field Number: 16950

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 06/12/2017 Date TD: 06/15/2017 Date Casing Set or D&amp;A: 06/16/2017

Rig Release Date: 06/20/2017 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 11121 TVD\*\* 6116 Plug Back Total Depth MD 11061 TVD\*\* 6116

Elevations GR 4907 KB 4937 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

CBL, MWD/LWD, Resistivity

## 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           | 64        | 0       | 110     | VISU   |
| SURF        | 13+1/2       | 9+5/8          | 36    | 0             | 1,931         | 661       | 0       | 1,931   | VISU   |
| 1ST         | 8+1/2        | 5+1/2          | 20    | 0             | 11,111        | 1,173     | 2,120   | 11,111  | 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 |   |
| PARKMAN        | 3,433          |        |                  |       |   |
| SUSSEX         | 4,146          |        |                  |       |   |
| SHANNON        | 4,510          |        |                  |       |   |
| TEEPEE BUTTES  | 5,410          |        |                  |       |   |
| NIOBRARA       | 6,052          |        |                  |       |   |

**Operator Comments**

As drilled GPS was surveyed after conductor was set on 4/20/2017.  
No mud logs ran.  
TPZ is estimated, actual TPZ will be reported on the form 5A when the well has been completed.

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: 3/26/2018 Email: logan.boughal@nblenergy.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ? |                                     |    |                                     |
|-----------------------------|-----------------------|------------|-------------------------------------|----|-------------------------------------|
| <u>Attachment Checklist</u> |                       |            |                                     |    |                                     |
| 401373356                   | CMT Summary *         | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401373357                   | CMT Summary *         | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
|                             | Core Analysis         | Yes        | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> |
| 401373556                   | 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>    |                       |            |                                     |    |                                     |
| 401373215                   | FORM 5 SUBMITTED      | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401373313                   | PDF-CEMENT BOND       | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401373317                   | LAS-MWD/LWD           | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401373318                   | PDF-MWD/LWD           | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401373320                   | PDF-MWD/LWD           | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401373321                   | LAS-RESISTIVITY       | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401373325                   | PDF-RESISTIVITY       | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401373329                   | PDF-RESISTIVITY       | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
| 401373355                   | DIRECTIONAL DATA      | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |

### General Comments

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Permit            | Changed MWD/LWD to their standard industry abbreviations.<br>Changed the field name from wildcat to DJ Horizontal Niobrara. | 03/27/2018          |
| Permit            | Send back to draft since submitter is not on the designated agent list.   | 03/23/2018          |

Total: 2 comment(s)