

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



DE ET OE ES

Document Number:

401524821

Date Received:

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

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 05-123-45378-00

County: WELD

Well Name: Bison Ridge

Well Number: Y22-779

Location: QtrQtr: NESW Section: 10 Township: 2N Range: 64W Meridian: 6

Footage at surface: Distance: 2230 feet Direction: FSL Distance: 2017 feet Direction: FWL

As Drilled Latitude: 40.151835 As Drilled Longitude: -104.539856

GPS Data:

Date of Measurement: 11/09/2017 PDOP Reading: 2.2 GPS Instrument Operator's Name: toa sagapolutele

** If directional footage at Top of Prod. Zone Dist.: 2180 feet. Direction: FSL Dist.: 790 feet. Direction: FWL

Sec: 22 Twp: 2n Rng: 64w

** If directional footage at Bottom Hole Dist.: 2640 feet. Direction: FSL Dist.: 739 feet. Direction: FWL

Sec: 22 Twp: 2n Rng: 64w

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 12/24/2017 Date TD: 12/28/2017 Date Casing Set or D&A: 12/29/2017

Rig Release Date: 01/04/2018 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 17191 TVD** 6956 Plug Back Total Depth MD 17131 TVD** 6956

Elevations GR 4930 KB 4960

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, GR. NO OPENHOLE LOGS RUN.

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 | 26 | 0 | 2,056 | 727 | 0 | 727 | VISU |
| 1ST | 8+1/2 | 5+1/2 | 20 | 0 | 17,181 | 1,902 | 2,499 | 17,181 | 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 | 4,001 | | | | |
| SUSSEX | 4,308 | | | | |
| SHANNON | 5,178 | | | | |
| TEEPEE BUTTES | 6,256 | | | | |
| SHARON SPRINGS | 7,040 | | | | |
| NIOBRARA | 7,102 | | | | |

Comment:

TPZ IS ESTIMATED. ACTUAL TPZ WILL BE REPORTED ON FORM 5A POST COMPLETION.

GPS WAS MEASURED AT CONDUCTOR CASING PRIOR TO RIG ARRIVAL.

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: _____ Email: logan.boughal@nblenergy.com

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|-----------------------------|-----------------------|---|--|
| <u>Attachment Checklist</u> | | | |
| 401536764 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 401536763 | 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> | | | |
| 401536759 | PDF-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401536761 | PDF-GAMMA RAY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401657738 | LAS-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401657739 | LAS-GAMMA RAY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401657741 | DIRECTIONAL DATA | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)