

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:

401816726

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: Craig Richardson

Name of Operator: NOBLE ENERGY INC

Phone: (303) 228-4232

Address: 1001 NOBLE ENERGY WAY

Fax:

City: HOUSTON

State: TX

Zip: 77070

API Number 05-123-45512-00

County: WELD

Well Name: Larson

Well Number: A23-651

Location: QtrQtr: SWNW Section: 19 Township: 6N Range: 63W Meridian: 6

Footage at surface: Distance: 2374 feet Direction: FNL Distance: 535 feet Direction: FWL

As Drilled Latitude: 40.472551 As Drilled Longitude: -104.486864

GPS Data:

Date of Measurement: 03/28/2018 PDOP Reading: 2.4 GPS Instrument Operator's Name: TOA SAGAPOLUTELE

** If directional footage at Top of Prod. Zone Dist.: 2670 feet. Direction: FNL Dist.: 387 feet. Direction: FWL

Sec: 19 Twp: 6N Rng: 63W

** If directional footage at Bottom Hole Dist.: 2555 feet. Direction: FNL Dist.: 7 feet. Direction: FWL

Sec: 23 Twp: 6N Rng: 64W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 05/10/2018 Date TD: 05/15/2018 Date Casing Set or D&A: 05/16/2018

Rig Release Date: 05/31/2018 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 18045 TVD** 6755 Plug Back Total Depth MD 17988 TVD** 6755

Elevations GR 4649 KB 4679

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

List Electric Logs Run:

CBL, MWD/LWD, (Neutron in 123-45513)

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 | 48 | 0 | 110 | CALC |
| SURF | 13+1/2 | 9+5/8 | 36 | 0 | 1,969 | 690 | 0 | 1,969 | VISU |
| 1ST | 8+1/2 | 5+1/2 | 20 | 0 | 18,031 | 1,889 | 3,697 | 18,031 | 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 | 445 | | | | |
| PARKMAN | 3,530 | | | | |
| SUSSEX | 4,085 | | | | |
| SHANNON | 4,897 | | | | |
| TEEPEE BUTTES | 5,775 | | | | |
| SHARON SPRINGS | 6,521 | | | | |
| NIOBRARA | 6,568 | | | | |

Comment:

TPZ is actual.

No Open Hole Logs run per Rule 317.p. Neutron log run on Larson A23-645 (123-45513).

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: _____

Email: julie.webb@nblenergy.com

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|-----------------------------|-----------------------|-----------------------------------------|----------------------------------------|
| <u>Attachment Checklist</u> | | | |
| 401876623 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 401861218 | 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> | | | |
| 401861216 | DIRECTIONAL DATA | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401861219 | PDF-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401861220 | LAS-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401861221 | LAS-MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401861224 | PDF-MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401861225 | 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> |
|-------------------|----------------|---------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)

