

**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



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| DE | ET | OE | ES |
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Document Number:  
401472302

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: 10459 Contact Name: Kamrin Ruder  
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 9747743  
 Address: 370 17TH STREET SUITE 5300 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202

API Number 05-123-45044-00 County: WELD  
 Well Name: Leonard Well Number: 9C  
 Location: QtrQtr: NWSW Section: 21 Township: 2N Range: 67W Meridian: 6  
 Footage at surface: Distance: 1740 feet Direction: FSL Distance: 494 feet Direction: FWL  
 As Drilled Latitude: 40.121262 As Drilled Longitude: -104.903283

GPS Data:  
 Date of Measurement: 10/13/2017 PDOP Reading: 1.8 GPS Instrument Operator's Name: Dominick Davis

\*\* If directional footage at Top of Prod. Zone Dist.: 563 feet. Direction: FSL Dist.: 460 feet. Direction: FWL  
 Sec: 21 Twp: 2N Rng: 67W  
 \*\* If directional footage at Bottom Hole Dist.: 568 feet. Direction: FSL Dist.: 487 feet. Direction: FEL  
 Sec: 21 Twp: 2N Rng: 67W

Field Name: WATTENBERG Field Number: 90750  
 Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 08/26/2017 Date TD: 09/29/2017 Date Casing Set or D&A: 09/29/2017  
 Rig Release Date: 10/03/2017 Per Rule 308A.b.

Well Classification:  
 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

Total Depth MD 12330 TVD\*\* 7625 Plug Back Total Depth MD 12318 TVD\*\* 7625

Elevations GR 5004 KB 5032 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL, MUD, MWD, (Triple Combo in API 123-45047)

**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   | 24           | 16             | 42    | 0             | 80            | 100       | 0       | 80      | VISU   |
| SURF        | 12+1/4       | 9+5/8          | 36    | 0             | 1,568         | 550       | 0       | 1,568   | VISU   |
| 1ST         | 8+1/2        | 5+1/2          | 20    | 0             | 12,318        | 2,125     | 250     | 12,318  | 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        | 4,216          |        | NO               | NO    |   |
| SUSSEX         | 4,570          |        | NO               | NO    |   |
| SHANNON        | 5,168          |        | NO               | NO    |   |
| SHARON SPRINGS | 7,382          |        | NO               | NO    |   |
| NIOBRARA       | 7,479          |        | NO               | NO    |   |
| FORT HAYS      | 7,940          |        | NO               | NO    |   |
| CODELL         | 8,127          |        | NO               | NO    |   |

Comment:

The TPZ footages are estimates calculated through Directional Plotting Software—from where the production string (5 ½" casing) crosses the 460' setback hardline. The actual footages will be submitted with the Form 5A.

The triple combo log was ran on Leonard 6N (123-45047).

The LAS version of the CBL is uploaded to show the vertical portion of GR.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Kamrin Ruder

Title: Drilling Technician

Date: \_\_\_\_\_

Email: kruder@extractionog.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ?                              |  |
|-----------------------------|-----------------------|---|--|
| <b>Attachment Checklist</b> |                       |   |  |
| 401473979                   | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                             | Core Analysis         | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| 401473981                   | 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>Other Attachments</b>    |                       |   |  |
| 401473961                   | PDF-CEMENT BOND       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401473975                   | LAS-CEMENT BOND       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401473976                   | PDF-MUD               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401473977                   | PDF-GAMMA RAY         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401473978                   | LAS-GAMMA RAY         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401473982                   | 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)