

**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:  
400970620

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: 10110 Contact Name: Callie Fiddes  
 Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (303) 398-0550  
 Address: 1801 BROADWAY #500 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202

API Number 05-123-38972-00 County: WELD  
 Well Name: Postle IC Well Number: 11-342HC  
 Location: QtrQtr: SWSW Section: 12 Township: 3N Range: 68W Meridian: 6  
 Footage at surface: Distance: 498 feet Direction: FSL Distance: 250 feet Direction: FWL  
 As Drilled Latitude: 40.234873 As Drilled Longitude: -104.960000

GPS Data:  
 Date of Measurement: 10/06/2014 PDOP Reading: 3.0 GPS Instrument Operator's Name: Deb Schwartz

\*\* If directional footage at Top of Prod. Zone Dist.: 800 feet. Direction: FSL Dist.: 715 feet. Direction: FEL  
 Sec: 11 Twp: 3N Rng: 68W  
 \*\* If directional footage at Bottom Hole Dist.: 761 feet. Direction: FSL Dist.: 482 feet. Direction: FWL  
 Sec: 11 Twp: 3N Rng: 68W

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

Spud Date: (when the 1st bit hit the dirt) 07/29/2014 Date TD: 08/30/2014 Date Casing Set or D&A: 08/31/2014  
 Rig Release Date: 09/01/2014 Per Rule 308A.b.

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

Total Depth MD 11913 TVD\*\* 7287 Plug Back Total Depth MD 11909 TVD\*\* 7286

Elevations GR 4929 KB 4945 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
 CBL, inducitor, gamma ray.

**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             | 40            | 61        | 0       | 40      | VISU   |
| SURF        | 13+1/2       | 9+5/8          | 36    | 0             | 1,043         | 460       | 0       | 1,043   | VISU   |
| 1ST         | 8+3/4        | 7              | 26    | 0             | 7,586         | 735       | 116     | 7,586   | CBL    |
| 1ST LINER   | 6+5/8        | 4+1/2          | 11.6  | 6634          | 11,913        | 335       | 6,634   | 11,913  | CALC   |

## 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        | 3,588          | 3,830  | NO               | NO    |   |
| SUSSEX         | 4,082          | 4,218  | NO               | NO    |   |
| SHANNON        | 4,596          | 4,684  | NO               | NO    |   |
| SHARON SPRINGS | 6,846          | 7,043  | NO               | NO    |   |
| NIOBRARA       | 7,044          | 7,628  | NO               | NO    |   |
| FORT HAYS      | 7,629          | 7,825  | NO               | NO    |   |
| CODELL         | 7,826          |        | NO               | NO    |   |

Comment:

The Owen 12-1 (API# 05-123-10756) and the LDS T 13-4 (API# 05-123-17384) are separated by 90 degrees and lie within 1500' of this well. While the alternative program to show adequate well log control in offsetting wells came after this well was drilled, Great Western is providing this information since no cased hole neutron log is able to be provided.

Niobrara top is 7044 ft MD which requires a CBL to be run to 6844 ft MD per the COA on the APD to satisfy Rule 317 i. Liner top is 6634 ft MD. A CBL was run to a depth of 6720 ft MD, which is 124 ft short of the depth required by the COA. This shortage was an oversight on GWOG's part and we now are ensuring CBLs are run to the required depth. Even though we were 124 ft short we still believe we have adequate isolation at 200 ft above the Niobrara because of the very good cement bond shown on the CBL (dated 9/4/2014). No spacers of any kind were pumped in the middle of the cement job and there was no overdisplacement so there is no reason to believe the same very good bond signature is not 200 ft above the top of Niobrara. See attached cement event log as evidence no spacers occurred during the cement slurry.

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

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

Print Name: Callie Fiddes

Title: Regulatory Specialist

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

Email: regulatorypermitting@gwogco.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ?                              |  |
|-----------------------------|-----------------------|---|--|
| <b>Attachment Checklist</b> |                       |   |  |
| 400983076                   | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                             | Core Analysis         | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| 400986500                   | 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>    |                       |   |  |
| 400971155                   | PDF-INDUCTION         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400971157                   | PDF-CEMENT BOND       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400971159                   | LAS-GAMMA RAY         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400971173                   | PDF-GAMMA RAY         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400971333                   | DIRECTIONAL DATA      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400985064                   | LAS-DENSITY           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400985679                   | LAS-INDUCTION         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400989904                   | PDF-DENSITY           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |

### General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)