

**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.

Document Number:  
400628141

Date Received:

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 96155 Contact Name: Elvera Berryman

Name of Operator: WHITING OIL & GAS CORPORATION Phone: (303) 390-4221

Address: 1700 BROADWAY STE 2300 Fax: (303) 390-1598

City: DENVER State: CO Zip: 80290

API Number 05-123-39200-00 County: WELD

Well Name: Horsetail Well Number: 30F-3106

Location: QtrQtr: SENW Section: 30 Township: 10N Range: 57W Meridian: 6

Footage at surface: Distance: 2373 feet Direction: FNL Distance: 2009 feet Direction: FWL

As Drilled Latitude: 40.810548 As Drilled Longitude: -103.796140

GPS Data:  
Date of Measurement: 04/23/2014 PDOP Reading: 2.1 GPS Instrument Operator's Name: Michael Brown

\*\* If directional footage at Top of Prod. Zone Dist.: 156 feet. Direction: FNL Dist.: 2097 feet. Direction: FWL  
Sec: 30 Twp: 10N Rng: 57W

\*\* If directional footage at Bottom Hole Dist.: 590 feet. Direction: FSL Dist.: 1810 feet. Direction: FWL  
Sec: 31 Twp: 10N Rng: 57W

Field Name: WILDCAT Field Number: 99999

Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 06/17/2014 Date TD: 06/25/2014 Date Casing Set or D&A: 06/27/2014

Rig Release Date: 06/27/2014 Per Rule 308A.b.

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

Total Depth MD 13210 TVD\*\* 5651 Plug Back Total Depth MD 13210 TVD\*\* 5651

Elevations GR 4780 KB 4797 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
LWD, MUD, CBL.(Note: Logging Waiver, Neutron log run on Horsetail 30F-1948)

**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   | 20           | 16             | 84    | 0             | 97            |           | 0       | 97      | VISU   |
| SURF        | 13+1/2       | 9+5/8          | 36    | 0             | 1,582         | 475       | 0       | 1,582   | VISU   |
| 1ST         | 8+3/4        | 7              | 29    | 0             | 5,960         | 800       | 0       | 5,960   | CBL    |
| 1ST LINER   | 6+1/2        | 4+1/2          | 11.60 | 4885          | 13,200        | 544       | 4,885   | 13,200  | 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 |   |
| PIERRE         | 1,463          |        | NO               | NO    |   |
| HYGIENE        | 3,178          |        | NO               | NO    |   |
| SHARON SPRINGS | 5,599          |        | NO               | NO    |   |
| NIOBRARA       | 5,603          |        | NO               | NO    |   |

Comment:

Well drilled 10' passed 600' setback. Form 5A will be submitted documenting that the bottom 60' of wellbore will not produce. Float Collar is a 13150. Cement fills the hole from 13150 to TD.

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

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

Print Name: Elvera Berryman

Title: Engineer Tech

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

Email: elvera.berryman@whiting.com

### Attachment Check List

| Att Doc Num                 | Document Name                          | attached ?                              |  |
|-----------------------------|--|---|--|
| <b>Attachment Checklist</b> |  |   |  |
| 400783839                   | CMT Summary *                          | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                             | Core Analysis                          | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| 400773911                   | 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>    |  |   |  |
| 400706487                   | PDF-MUD                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400710543                   | PDF-MEASUREMENT/LOGGING WHILE DRILLING | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400710544                   | PDF-MEASUREMENT/LOGGING WHILE DRILLING | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400710545                   | LAS-MEASUREMENT/LOGGING WHILE DRILLING | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400752803                   | PDF-CBL 3RD RUN                        | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400753008                   | DIRECTIONAL DATA                       | 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)