

**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:  
400799653

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: <u>100322</u>                    | Contact Name: <u>Kathleen Mills</u> |
| Name of Operator: <u>NOBLE ENERGY INC</u>              | Phone: <u>(720) 587-2226</u>        |
| Address: <u>1625 BROADWAY STE 2200</u>                 | Fax: <u>(303) 228-4286</u>          |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u> |                                     |

|  |                                   |
|--|-----------------------------------|
| API Number <u>05-123-39120-00</u>  | County: <u>WELD</u>               |
| Well Name: <u>MAHALO STATE</u>   | Well Number: <u>AA09-78-1BHNB</u> |
| Location: QtrQtr: <u>SWSW</u> Section: <u>4</u> Township: <u>6N</u> Range: <u>63W</u> Meridian: <u>6</u>           |                                   |
| Footage at surface: Distance: <u>75</u> feet Direction: <u>FSL</u> Distance: <u>945</u> feet Direction: <u>FWL</u> |                                   |
| As Drilled Latitude: <u>40.508755</u> As Drilled Longitude: <u>-104.447835</u>                                     |                                   |

GPS Data:  
Date of Measurement: 11/17/2014 PDOP Reading: 4.2 GPS Instrument Operator's Name: TOA SAGAPOLUTELE

\*\* If directional footage at Top of Prod. Zone Dist.: 759 feet. Direction: FNL Dist.: 1157 feet. Direction: FWL  
Sec: 9 Twp: 6N Rng: 63W

\*\* If directional footage at Bottom Hole Dist.: 28 feet. Direction: FNL Dist.: 1038 feet. Direction: FWL  
Sec: 16 Twp: 6N Rng: 63W

Field Name: WATTENBERG Field Number: 90750  
Federal, Indian or State Lease Number: CO 9056.6

Spud Date: (when the 1st bit hit the dirt) 01/04/2015 Date TD: 01/10/2015 Date Casing Set or D&A: 01/11/2015  
Rig Release Date: 01/12/2015 Per Rule 308A.b.

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

Total Depth MD 11762 TVD\*\* 6638 Plug Back Total Depth MD 11762 TVD\*\* 6638

Elevations GR 4698 KB 4722 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
USIT, MUD, MWD

**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             | 42.09 | 0             | 124           | 72        | 0       | 124     | VISU   |
| SURF        | 13+1/2       | 9+5/8          | 36    | 0             | 876           | 311       | 0       | 876     | VISU   |
| 1ST         | 8+3/4        | 7              | 26    | 0             | 6,939         | 429       | 2,569   | 6,939   | CBL    |
| 1ST LINER   | 6+1/8        | 4+1/2          | 11.6  | 6729          | 11,758        | 400       | 6,729   | 11,758  | 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         | 987            |        |                  |       |   |
| PARKMAN        | 3,513          |        |                  |       |   |
| SUSSEX         | 4,284          |        |                  |       |   |
| SHANNON        | 4,848          |        |                  |       |   |
| TEEPEE BUTTES  | 5,813          |        |                  |       |   |
| NIOBRARA       | 6,618          |        |                  |       |   |

Comment:

GPS TAKEN ON CONDUCTOR  
WAITING ON COMPLETION. THIS WELL WAS DRILLED BUT NOT YET REPORTED AS COMPLETED. THE TOP OF THE PRODUCING ZONE, AS REPORTED, IS TAKEN FROM THE ORIGINAL DRILLING PLAN. AT THE TIME OF COMPLETION, THE EXACT FOOTAGES WILL BE REPORTED. A MIT WILL BE DONE ON THE WELL WITHIN 2 YEARS OF TD IF THE WELL HAS NOT BEEN REPORTED AS COMPLETED.

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

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

Print Name: Kathleen Mills

Title: Regulatory Analyst

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

Email: kmills@nobleenergyinc.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ?                              |  |
|-----------------------------|-----------------------|---|--|
| <b>Attachment Checklist</b> |                       |   |  |
| 400799680                   | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                             | Core Analysis         | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| 400799687                   | 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>    |                       |   |  |
| 400799690                   | DIRECTIONAL DATA      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400815294                   | PDF-CEMENT BOND       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400815296                   | LAS-MUD               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400815297                   | PDF-MUD               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400815300                   | LAS-MUD               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400815301                   | PDF-MUD               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400815302                   | LAS-GAMMA RAY         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400815303                   | PDF-GAMMA RAY         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400815306                   | PDF-GAMMA RAY         | 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)