

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



Document Number:

401400077

Date Received:

09/13/2017

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 47120 Contact Name: JENNIFER THOMAS  
Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6808  
Address: P O BOX 173779 Fax:  
City: DENVER State: CO Zip: 80217-

API Number 05-123-43309-00 County: WELD  
Well Name: HILGERS Well Number: 33N2-22HZ  
Location: QtrQtr: SESE Section: 22 Township: 3N Range: 68W Meridian: 6  
Footage at surface: Distance: 854 feet Direction: FSL Distance: 640 feet Direction: FEL  
As Drilled Latitude: 40.206603 As Drilled Longitude: -104.981828

GPS Data:  
Date of Measurement: 04/28/2017 PDOP Reading: 1.3 GPS Instrument Operator's Name: PRESTON KNUTSEN

\*\* If directional footage at Top of Prod. Zone Dist.: 1065 feet Direction: FSL Dist.: 158 feet Direction: FEL  
Sec: 22 Twp: 3N Rng: 68W

\*\* If directional footage at Bottom Hole Dist.: 1101 feet Direction: FSL Dist.: 455 feet Direction: FWL  
Sec: 22 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) 05/25/2017 Date TD: 07/13/2017 Date Casing Set or D&A: 07/14/2017  
Rig Release Date: 07/15/2017 Per Rule 308A.b.

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

Total Depth MD 12310 TVD\*\* 7099 Plug Back Total Depth MD 12203 TVD\*\* 7103

Elevations GR 5001 KB 5018 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
CBL, MWD/GR, (RESISTIVITY in 05-123-21269, CNL in 05-123-43307)

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    | 0             | 97            | 64        | 0       | 97      | VISU   |
| SURF        | 13+1/2       | 9+5/8          | 36    | 0             | 1,885         | 733       | 0       | 1,885   | VISU   |
| 1ST         | 7+7/8        | 5+1/2          | 17    | 0             | 12,296        | 1,170     | 936     | 12,296  | 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 |   |
| SUSSEX         | 4,300          |        |                  |       |   |
| SHARON SPRINGS | 7,240          |        |                  |       |   |
| NIOBRARA       | 7,364          |        |                  |       |   |

**Operator Comments**

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted.  
Per Rule 317.p Exception, open hole resistivity logs have been run on the HILGERS 16-22A well (API 05-123-21269).  
Completion for this well is estimated for Q3, 2017.  
The Top of Productive Zone provided is an estimate based on the landing point at 7,654' MD.

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

Signed: \_\_\_\_\_ Print Name: JENNIFER THOMAS

Title: REGULATORY ANALYST Date: 9/13/2017 Email: jennifer.thomas@anadarko.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ?                              |  |
|-----------------------------|-----------------------|---|--|
| <b>Attachment Checklist</b> |                       |   |  |
| 401400102                   | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401400107                   | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                             | Core Analysis         | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| 401401230                   | 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>    |                       |   |  |
| 401400077                   | FORM 5 SUBMITTED      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401400099                   | DIRECTIONAL DATA      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401400444                   | PDF-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401400451                   | LAS-MWD/LWD           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401400666                   | LAS-CEMENT BOND       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 401400670                   | PDF-CEMENT BOND       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |

### General Comments

| User Group       | Comment  | Comment Date |
|------------------|--|--------------|
| Engineering Tech | • No Form 5A received yet (as of 10/13/2017); changed wellbore status from "DG" to "WO" in well update.  | 10/13/2017   |
| Permit           | <p>Changed Logs Run to CBL, MWD/GR, (RESISTIVITY in 05-123-21269, CNL in 05-123-43307)</p> <p>With operator concurrence replaced 'Per Rule 371.p Exception, open hole resistivity logs have been run on the HILGERS 33N1-22HZ well (API 05-123-43262)' with Per Rule 317.p Exception, open hole resistivity logs have been run on the HILGERS 16-22A well (API 05-123-21269)</p> <p>Per operator, GPS measurement for this well was taken after conductor csg was set</p> <p>Operator failed to run a CNL, referred to Enforcement for issuance of a NOAV</p> <p>Footage at Top of Prod. Zone is an estimate and will be provided on the Form 5A when the well is completed</p> <p>WO: 5A &amp; 10</p> | 09/19/2017   |

Total: 2 comment(s)