

FORM
5Rev
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400233520

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

1. OGCC Operator Number: 47120

4. Contact Name: Emily Carrender

2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP

Phone: (720) 929-6282

3. Address: P O BOX 173779

Fax: (720) 929-7282

City: DENVER State: CO Zip: 80217-

5. API Number 05-123-33722-00

6. County: WELD

7. Well Name: HOWARD

Well Number: 8-32

8. Location: QtrQtr: SWNE Section: 32 Township: 1N Range: 67W Meridian: 6

Footage at surface: Distance: 2411 feet Direction: FNL Distance: 1484 feet Direction: FEL

As Drilled Latitude: 40.008224 As Drilled Longitude: -104.910168

GPS Data:

Data of Measurement: 11/14/2011 PDOP Reading: 1.7 GPS Instrument Operator's Name: Renee Doiron

** If directional footage at Top of Prod. Zone Dist.: 1970 feet. Direction: FNL Dist.: 653 feet. Direction: FEL

Sec: 32 Twp: 1N Rng: 67W

** If directional footage at Bottom Hole Dist.: 1956 feet. Direction: FNL Dist.: 651 feet. Direction: FEL

Sec: 32 Twp: 1N Rng: 67W

9. Field Name: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 10/03/2011 13. Date TD: 10/06/2011 14. Date Casing Set or D&A: 10/07/2011

15. Well Classification:

☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 8481 TVD** 8402 17 Plug Back Total Depth MD 8432 TVD** 8353

18. Elevations GR 5061 KB 5076

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

PRE FORM 5

20. Casing, Liner and Cement:

CASING

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Top | Cmt Bot | Status |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|--------|
| SURF | 12+1/4 | 8+5/8 | 24.0 | 0 | 1,215 | 800 | 15 | 1,215 | CALC |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 0 | 8,465 | 65 | 8,450 | 8,465 | CALC |

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 10/07/2011

| Method used | String | Cementing tool setting/pref depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
| DV TOOL | 1ST | 8,141 | 984 | 1,014 | 8,141 |

Details of work:

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES

| FORMATION NAME | Measured Depth | | Check if applies | | COMMENTS (All DST and Core Analyses must be submitted to COGCC) |
|----------------|----------------|--------|--------------------------|--------------------------|-----------------------------------------------------------------|
| | Top | Bottom | DST | Cored | |
| PARKMAN | 4,446 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| CODELL | 7,901 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| J SAND | 8,333 | | <input type="checkbox"/> | <input type="checkbox"/> | |

Comment:

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

Signed: _____ Print Name: Emily Carrender

Title: Operation Specialist I Date: _____ Email: emily.carrender@anadarko.com

The subreport 'subreport3' could not be found at the specified location W:\inetpub\Net\Reports\AttachListNew.rdlc. Please

General Comments

| User Group | Comment | Comment Date |
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Total: 0 comment(s)