

FORM
5Rev
02/08**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400291759

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

1. OGCC Operator Number: 47120

4. Contact Name: JOEL MALEFYT

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

Phone: (720) 929-6828

3. Address: P O BOX 173779

Fax: (720) 929-7828

City: DENVER State: CO Zip: 80217-

5. API Number 05-123-34047-00

6. County: WELD

7. Well Name: HOWARD

Well Number: 9C-29HZ

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

Footage at surface: Distance: 2491 feet Direction: FNL Distance: 1501 feet Direction: FEL

As Drilled Latitude: 40.007998 As Drilled Longitude: -104.910214

GPS Data:

Data of Measurement: 04/18/2012 PDOP Reading: 1.8 GPS Instrument Operator's Name: Renee Doiron

** If directional footage at Top of Prod. Zone Dist.: 2133 feet. Direction: FNL Dist.: 511 feet. Direction: FEL

Sec: 32 Twp: 1N Rng: 67W

** If directional footage at Bottom Hole Dist.: 2173 feet. Direction: FSL Dist.: 502 feet. Direction: FEL

Sec: 29 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) 02/23/2012 13. Date TD: 03/09/2012 14. Date Casing Set or D&A: 03/16/2012

15. Well Classification:

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

16. Total Depth MD 12440 TVD** 7805 17 Plug Back Total Depth MD 12440 TVD** 7805

18. Elevations GR 5057 KB 5073

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:

CBL; TVDL; MPR-CNP

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 | 13+1/2 | 9+5/8 | 36 | 0 | 1,148 | 860 | 16 | 1,191 | CALC |
| 1ST | 8+3/4 | 7 | 26 | 0 | 8,133 | 777 | 16 | 8,143 | CBL |
| 1ST LINER | 6+1/8 | 4+1/2 | 11.6 | 7290 | 12,425 | | | | CALC |

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

| Method used | String | Cementing tool setting/pref depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
| | | | | | |

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 | |
| SHARON SPRINGS | 7,445 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| NIOBRARA | 7,462 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| FORT HAYS | 7,991 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| CODELL | 8,070 | | <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: JOEL MALEFYTTitle: REGULATORY ANALYST Date: _____ Email: JOEL.MALEFYT@ANADARKO.COM**Attachment Check List**

| Att Doc Num | Document Name | attached ? | | | |
|-----------------------------|-----------------------|------------|-------------------------------------|----|-------------------------------------|
| <u>Attachment Checklist</u> | | | | | |
| 400291916 | CMT Summary * | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| | Core Analysis | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| 400291915 | 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 type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| | Other | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| <u>Other Attachments</u> | | | | | |
| 400291914 | DIRECTIONAL DATA | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
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Total: 0 comment(s)