

**FORM**  
**5**Rev  
02/08State 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:

400143074

**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: Cindy Vue

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

Phone: (720) 929-6832

3. Address: P O BOX 173779

Fax: (720) 929-7832

City: DENVER State: CO Zip: 80217-37

5. API Number 05-123-31336-00

6. County: WELD

7. Well Name: NRC

Well Number: 22-9

8. Location: QtrQtr: SWNW Section: 9 Township: 1N Range: 67W Meridian: 6

Footage at surface: Distance: 1320 feet Direction: FNL Distance: 1210 feet Direction: FWL

As Drilled Latitude: 40.069145 As Drilled Longitude: -104.900797

## GPS Data:

Data of Measurement: 09/03/2010 PDOP Reading: 2.2 GPS Instrument Operator's Name: Renee Doiron

\*\* If directional footage at Top of Prod. Zone Dist.: 2585 feet. Direction: FNL Dist.: 1311 feet. Direction: FWL

Sec: 9 Twp: 1N Rng: 67W

\*\* If directional footage at Bottom Hole Dist.: 2584 feet. Direction: FNL Dist.: 1313 feet. Direction: FWL

Sec: 9 Twp: 1N Rng: 67W

9. Field Name: SPINDLE

10. Field Number: 77900

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 08/03/2010 13. Date TD: 08/06/2010 14. Date Casing Set or D&amp;A: 08/08/2010

## 15. Well Classification:

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

16. Total Depth MD 8431 TVD\*\* 8264 17 Plug Back Total Depth MD 8387 TVD\*\* 8220

18. Elevations GR 5021 KB 5038

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:

CD-CN-ML, DI-GL-GR, CBL

## 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             | 1,000         | 640       | 0       | 1,000   | CALC   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6# | 0             | 8,403         | 120       | 6,970   | 8,403   | CBL    |

### ADDITIONAL CEMENT

Cement work date: 08/07/2010

Details of work:

| Method used | String | Cementing tool setting/pref depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
| DV TOOL     | 1ST    | 5,835                             | 675           | 1,148      | 5,900         |

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        | 4,323          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |
| SUSSEX         | 4,698          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |
| NIOBRARA       | 7,505          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |
| FORT HAYS      | 7,816          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |
| CODELL         | 7,836          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |
| J SAND         | 8,274          |        | <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: Cindy Vue

Title: Regulatory Analyst II Date: \_\_\_\_\_ Email: Cindy.Vue@anadarko.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ? |                                     |    |                                     |
|-----------------------------|-----------------------|------------|-------------------------------------|----|-------------------------------------|
| <u>Attachment Checklist</u> |                       |            |                                     |    |                                     |
| 400143076                   | CMT Summary *         | Yes        | <input checked="" type="checkbox"/> | No | <input type="checkbox"/>            |
|                             | Core Analysis         | Yes        | <input type="checkbox"/>            | No | <input checked="" type="checkbox"/> |
| 400143075                   | 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"/> |

### General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)