

**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:

400115125

**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 05-123-31209-00

6. County: WELD

7. Well Name: NRC

Well Number: 24-9

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

Footage at surface: Distance: 1761 feet Direction: FNL Distance: 1711 feet Direction: FEL

As Drilled Latitude: 40.067945 As Drilled Longitude: -104.892430

## GPS Data:

Data of Measurement: 10/19/2010 PDOP Reading: 1.9 GPS Instrument Operator's Name: RENEE DOIRON

## \*\* If directional footage

at Top of Prod. Zone Distance: 2611 feet Direction: FNL Distance: 1354 feet Direction: FEL

Sec: 9 Twp: 1N Rng: 67W

at Bottom Hole Distance: 2618 feet Direction: FNL Distance: 1355 feet Direction: FEL

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) 08/23/2010 13. Date TD: 08/27/2010 14. Date Casing Set or D&amp;A: 08/28/2010

## 15. Well Classification:

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

16. Total Depth MD 8360 TVD 8251 17 Plug Back Total Depth MD 8317 TVD 8208

18. Elevations GR 4934 KB 4949

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Top	Cement Bot	Status
SURF	12+1/4	8+5/8	24#	1,013	640	0	1,013	CALC
1ST	7+7/8	4+1/2	11.6#	8,349	130	6,972	8,349	CBL

### ADDITIONAL CEMENT

Cement work date: 08/28/2010

Details of work:

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	5,753	705	915	5,753

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	
SUSSEX	4,772		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,414		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,730		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,756		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	8,194		<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

Based on the information provided herein, this Drilling Completion Report (Form 5) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

### Attachment Check List

Att Doc Num	Name
400115142	DIRECTIONAL SURVEY
400115143	CEMENT JOB SUMMARY

Total Attach: 2 Files

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)