FORM 5 Rev 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

DRILLING COMPLETION REPORT

Document Number: 400238888

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

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

3. Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-

4. Contact Name: Cindy Vue

Phone: (720) 929-6832

Fax: (720) 929-7832

5. API Number 05-123-33734-00

6. County: WELD

7. Well Name: HOWARD Well Number: 23-29

8. Location: QtrQtr: SWSE Section: 29 Township: 1N Range: 67W Meridian: 6

Footage at surface: Distance: 1107 feet Direction: FSL Distance: 1332 feet Direction: FEL

As Drilled Latitude: 40.017878 As Drilled Longitude: -104.909657

GPS Data:

Data of Measurement: 10/12/2011 PDOP Reading: 2.4 GPS Instrument Operator's Name: Renee Doiron

** If directional footage at Top of Prod. Zone Dist.: 1331 feet. Direction: FSL Dist.: 2595 feet. Direction: FEL

Sec: 29 Twp: 1N Rng: 67W

** If directional footage at Bottom Hole Dist.: 1340 feet. Direction: FSL Dist.: 2600 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) 08/20/2011 13. Date TD: 08/23/2011 14. Date Casing Set or D&A: 08/24/2011

15. Well Classification:

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

16. Total Depth MD 8515 TVD** 8321 17 Plug Back Total Depth MD 8487 TVD** 8293

18. Elevations GR 5023 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:

CBL
NO OPEN HOLE LOGS.

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	1,209	760	15	1,209	CALC
1ST	7+7/8	4+1/2	11.6#	0	8,504	65	8,124	8,504	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date:	08/24/2011				

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	8,110	996	450	8,110

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	
NIOBRARA	7,538		☐	☐	
CODELL	7,950		☐	☐	
J SAND	8,388		☐	☐	

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 ?
	Attachment Checklist	
400238894	CMT Summary *	Yes ☒ No ☐
	Core Analysis	Yes ☐ No ☒
400238893	Directional Survey **	Yes ☒ No ☐
	DST Analysis	Yes ☐ No ☒
	Logs	Yes ☐ No ☒
	Other	Yes ☐ No ☒

General Comments

User Group	**Comment**	**Comment Date**

Total: 0 comment(s)