

**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



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Document Number:

400213576

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 05-123-31117-00

6. County: WELD

7. Well Name: CARMA

Well Number: 8-36

8. Location: QtrQtr: NWNE Section: 36 Township: 3N Range: 68W Meridian: 6

Footage at surface: Distance: 853 feet Direction: FNL Distance: 1332 feet Direction: FEL

As Drilled Latitude: 40.187608 As Drilled Longitude: -104.946551

GPS Data:

Data of Measurement: 09/12/2011 PDOP Reading: 2.7 GPS Instrument Operator's Name: Renee Doiron

** If directional footage at Top of Prod. Zone Dist.: 1952 feet. Direction: FNL Dist.: 656 feet. Direction: FEL

Sec: 36 Twp: 3N Rng: 68W

** If directional footage at Bottom Hole Dist.: 1950 feet. Direction: FNL Dist.: 661 feet. Direction: FEL

Sec: 36 Twp: 3N Rng: 68W

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) 07/28/2011 13. Date TD: 07/31/2011 14. Date Casing Set or D&A: 08/01/2011

15. Well Classification:

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

16. Total Depth MD 8087 TVD** 7895 17 Plug Back Total Depth MD 8058 TVD** 7866

18. Elevations GR 4831 KB 4846

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	840	530	15	840	CALC
1ST	7+7/8	4+1/2	11.6	0	8,077	225	6,694	8,077	CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 08/01/2011					
Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST LINER	5,208	655	467	5,208
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	3,760		<input type="checkbox"/>	<input type="checkbox"/>	
SUSSEX	4,218	4,833	<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	4,812	4,833	<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,218		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,464		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,484		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	7,928		<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: 10/12/2011 Email: emily.carrender@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400213581	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400213580	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>					
400213576	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)