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Document Number:  
400425198

Date Received:  
05/29/2013

**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: REBECCA HEIM  
 2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6361  
 3. Address: P O BOX 173779 Fax: (720) 929-7361  
 City: DENVER State: CO Zip: 80217-

5. API Number 05-123-16518-00 6. County: WELD  
 7. Well Name: HSR-BATES Well Number: 16-7  
 8. Location: QtrQtr: SESE Section: 7 Township: 3N Range: 66W Meridian: 6  
 Footage at surface: Distance: 990 feet Direction: FSL Distance: 1065 feet Direction: FEL  
 As Drilled Latitude: 40.234716 As Drilled Longitude: -104.814595

GPS Data:  
 Date of Measurement: 02/18/2007 PDOP Reading: 3.4 GPS Instrument Operator's Name: Steve Fisher

\*\* If directional footage at Top of Prod. Zone Dist.: \_\_\_\_\_ feet. Direction: \_\_\_\_\_ Dist.: \_\_\_\_\_ feet. Direction: \_\_\_\_\_  
 Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_  
 \*\* If directional footage at Bottom Hole Dist.: \_\_\_\_\_ feet. Direction: \_\_\_\_\_ Dist.: \_\_\_\_\_ feet. Direction: \_\_\_\_\_  
 Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

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) 11/29/1992 13. Date TD: \_\_\_\_\_ 14. Date Casing Set or D&A: \_\_\_\_\_

15. Well Classification:  
 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

16. Total Depth MD 8135 TVD\*\* \_\_\_\_\_ 17 Plug Back Total Depth MD 7895 TVD\*\* \_\_\_\_\_

18. Elevations GR 4843 KB 4853 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:

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	567	390	0	567	

**STAGE/TOP OUT/REMEDIAL CEMENT**

Cement work date: 05/07/2013

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
	1ST	8,145	250	3,840	4,680
	1ST	8,145	250	170	1,040

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	
			<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

FORM 5 FOR REMEDIAL CEMENT JOB

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: REBECCA HEIM

Title: REGULATORY Date: 5/29/2013 Email: REBECCA.HEIM@ANADARKO.COM

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400425202	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
400425198	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400425201	OPERATIONS SUMMARY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400425205	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400434220	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date
Permit	Received and uploaded PDF of CBL. Ready to pass.	6/17/2013 7:50:35 AM
Permit	Requested PDF of CBL.	6/14/2013 3:36:12 PM

Total: 2 comment(s)