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Document Number:  
 400161400

**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: CARA MAHLER  
 2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6029  
 3. Address: P O BOX 173779 Fax: (720) 929-7029  
 City: DENVER State: CO Zip: 80217-

5. API Number 05-123-08422-00 6. County: WELD  
 7. Well Name: MEL ANDERSON GAS UNIT Well Number: 1  
 8. Location: QtrQtr: SWSW Section: 33 Township: 2N Range: 66W Meridian: 6  
 Footage at surface: Distance: 1100 feet Direction: FSL Distance: 1180 feet Direction: FWL  
 As Drilled Latitude: 40.090303 As Drilled Longitude: -104.787342

GPS Data:  
 Date of Measurement: 04/29/2008 PDOP Reading: 2.9 GPS Instrument Operator's Name: Cody Mattson

\*\* 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) 05/19/1975 13. Date TD: 05/27/1975 14. Date Casing Set or D&A: 06/02/1975

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

16. Total Depth MD 8110 TVD\*\* \_\_\_\_\_ 17 Plug Back Total Depth MD 8037 TVD\*\* \_\_\_\_\_

18. Elevations GR 4976 KB 4986 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	230	200	0	230	CALC
1ST	7+7/8	4+1/2	11.6#	0	8,110	500	6,800	8,110	CBL

**STAGE/TOP OUT/REMEDIAL CEMENT**

Cement work date: 06/21/2010

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
SQUEEZE	1ST	5,090	425	4,640	5,090
SQUEEZE	1ST	4,630	150	4,600	4,640
SQUEEZE	1ST	4,500	50	4,452	4,550
SQUEEZE	1ST	350	150	0	350
SQUEEZE	1ST	350	10	0	350
SQUEEZE	1ST	350	75	0	350
SQUEEZE	1ST	350	25	0	350
SQUEEZE	1ST	350	50	0	350
SQUEEZE	1ST	350	50	0	350
SQUEEZE	1ST	3,504,600	100	0	350
SQUEEZE	1ST	350	100	0	350
SQUEEZE	1ST	850	50	390	850

Details of work:

6/21/10 first Sussex squeeze - sqz holes at 4500' and 5090'. Pumped 425 sxs of cement. Sqz did not hold  
6/24/10 second Sussex squeeze - sqz holes at 4630'. Pumped 150 sxs. Sqz did not hold  
6/28/10 third Sussex squeeze - pumped into sqz holes at 4500'. Sqz held  
Top of cement is now at 4460'. Good cement coverage to 4950'. Verified the cement coverage by IPS CBL that was run from 0-4950' on 07/07/10  
7/1/10 first Fox Hills squeeze - shot sqz holes at 350'. Pumped 150 sx of cement. Did not hold  
7/6/10 second Fox Hill sqz. Pumped 10 sxs into sqz holes at 350'. Sqz held.  
10/14/10 Frac  
10/19/10 Sqz at 350' determined not to be holding.  
10/20/10 Pumped 75sx into sqz holes at 350'. Did not hold  
10/25/10 Pumped 50 sxs into sqz holes at 350'. Did not hold  
10/27/10 Pumped 50 sxs into sqz holes at 350'. Did not hold  
10/29/10 Pumped 100 sxs into sqz holes at 350'. Did not hold  
11/4/10 Pumped 50 sx into sqz holes at 350'. Held  
11/16/2010 TEST CASING TO 350 PSI. OK.  
On the CBL run by IPS on 07/07/10, there is good cement from 0-30', ok cement from 30-350'. good cement from 350' to 850'.

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	4,986		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,168		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,466		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,488		<input type="checkbox"/>	<input type="checkbox"/>	
J SAND	7,944		<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: CARA MAHLER

Title: REGULATORY ANALYST Date: 5/12/2011 Email: CARA.MAHLER@ANADARKO.COM

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400164176	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>			
400161400	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400164132	PDF-CBL 2ND RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Requested CBL was received 10/20/11. CBL confirms TOC at 6800', which is 368' above the NBRR top per formation info.	10/26/2011 7:31:30 AM
Engineer	Emailed Cara to get a CBL that verifies that the Niobrara formation is covered per COA on APD (remedial cement 200' above Niobrara minimum cement top of 6968').	10/4/2011 3:06:05 PM

Total: 2 comment(s)