

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:

2555455

**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 & 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 05-123-12454-00 6. County: WELD  
7. Well Name: HOWARD-STATE Well Number: 1  
8. Location: QtrQtr: SWSE Section: 16 Township: 6N Range: 64W Meridian: 6  
Footage at surface: Distance: 660 feet Direction: FSL Distance: 1980 feet Direction: FEL  
As Drilled Latitude: 40.480528 As Drilled Longitude: -104.552808

GPS Data:

Data of Measurement: 08/13/2009 PDOP Reading: 2.1 GPS Instrument Operator's Name: CODY MATTSON

\*\* If directional footage

at Top of Prod. Zone Distance: \_\_\_\_\_ feet Direction: \_\_\_\_\_ Distance: \_\_\_\_\_ feet Direction: \_\_\_\_\_  
Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_  
at Bottom Hole Distance: \_\_\_\_\_ feet Direction: \_\_\_\_\_ Distance: \_\_\_\_\_ feet Direction: \_\_\_\_\_  
Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

9. Field Name: WATTENBERG 10. Field Number: 90750  
11. Federal, Indian or State Lease Number: 65499

12. Spud Date: (when the 1st bit hit the dirt) 10/16/1985 13. Date TD: 10/21/1985 14. Date Casing Set or D&A: 10/22/1985

15. Well Classification:

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

16. Total Depth MD 7100 TVD \_\_\_\_\_ 17 Plug Back Total Depth MD 7076 TVD \_\_\_\_\_

18. Elevations GR 4766 KB 4777 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

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		0	301	210	0	301	CALC
1ST	7+7/8	4+1/2		0	7,100	181	6,220	7,100	CBL

### ADDITIONAL CEMENT

Cement work date: \_\_\_\_\_

Details of work: \_\_\_\_\_

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	939	215	300	939

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	6,687		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	6,939		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	6,971		<input type="checkbox"/>	<input type="checkbox"/>	
CARLILE	6,987		<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 Date: 6/2/2010 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: David S. Nash Director of COGCC Date: 2/21/2011

### Attachment Check List

Att Doc Num	Name
2072011	CEMENT JOB SUMMARY
2072012	WELLBORE DIAGRAM
2555455	FORM 5 SUBMITTED
2555456	WELLBORE DIAGRAM
2555457	CORRESPONDENCE

Total Attach: 5 Files

### General Comments

User Group	Comment	Comment Date
Permit	REC WELLBORE DIAGRAM & REMEDIAL CEMENT SUMMARY	11/23/2010 10:39:44 AM
Permit	Req digital logs & cement tkts for remedial cement.	11/22/2010 11:15:04 AM

Total: 2 comment(s)