

FORM  
5

Rev  
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400473502

Date Received:

10/24/2013

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: Katie Kistner  
 2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP Phone: (720) 9294317  
 3. Address: P O BOX 173779 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80217-

5. API Number 05-123-36622-00 6. County: WELD  
 7. Well Name: GRIFFITHS Well Number: 36C-20HZ  
 8. Location: QtrQtr: NENW Section: 17 Township: 1N Range: 67W Meridian: 6  
 Footage at surface: Distance: 965 feet Direction: FNL Distance: 2171 feet Direction: FWL  
 As Drilled Latitude: 40.055706 As Drilled Longitude: -104.916228

GPS Data:

Data of Measurement: 05/30/2013 PDOP Reading: 1.5 GPS Instrument Operator's Name: Renee Doiron

\*\* If directional footage at Top of Prod. Zone Dist.: 1384 feet. Direction: FNL Dist.: 2644 feet. Direction: FWL  
 Sec: 17 Twp: 1N Rng: 67W

\*\* If directional footage at Bottom Hole Dist.: 491 feet. Direction: FSL Dist.: 2379 feet. Direction: FWL  
 Sec: 20 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) 05/22/2013 13. Date TD: 07/21/2013 14. Date Casing Set or D&A: 07/26/2013

15. Well Classification:

Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

16. Total Depth MD 16774 TVD\*\* 7812 17 Plug Back Total Depth MD 16703 TVD\*\* 7812

18. Elevations GR 5060 KB 5076

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, GR, RES, MUD

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	13+1/2	9+5/8	36	0	1,065	364	0	1,065	VISU
1ST	8+3/4	7	26	0	8,070	783	18	8,070	CBL
1ST LINER	6+1/8	4+1/2	11.6	6959	16,754	506	6,966	16,754	CALC

**STAGE/TOP OUT/REMEDIAL CEMENT**

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

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

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	
SHARON SPRINGS	7,379		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,415		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,890		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,951		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted.

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

Signed: \_\_\_\_\_ Print Name: Katie Kistner

Title: Regulatory Analyst Date: 10/24/2013 Email: katie.kistner@anadarko.com

**Attachment Check List**

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400473522	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400473523	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 checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Other Attachments</b>			
400473502	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400473511	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400473515	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400473517	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400473518	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400473521	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400502094	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400502101	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400502105	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Per operator changed sec 17 to sec 20 for BHL.	1/9/2014 4:26:52 PM
Permit	ON HOLD: requesting confirmation of BHL.	12/19/2013 2:39:24 PM

Total: 2 comment(s)