

**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



DE ET OE ES

Document Number:

400668618

Date Received:

**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 &amp; GAS ONSHORE LP

Phone: (720) 929-4317

3. Address: P O BOX 173779

Fax:

City: DENVER State: CO Zip: 80217-

5. API Number 05-123-38033-00

6. County: WELD

7. Well Name: HOWARD

Well Number: 15C-33HZ

8. Location: QtrQtr: NWSE Section: 28 Township: 1N Range: 67W Meridian: 6

Footage at surface: Distance: 1652 feet Direction: FSL Distance: 1443 feet Direction: FEL

As Drilled Latitude: 40.019357 As Drilled Longitude: -104.891221

## GPS Data:

Date of Measurement: 10/22/2013 PDOP Reading: 2.2 GPS Instrument Operator's Name: Renee Doiron

\*\* If directional footage at Top of Prod. Zone Dist.: 509 feet. Direction: FNL Dist.: 1876 feet. Direction: FEL

Sec: 33 Twp: 1N Rng: 67W

\*\* If directional footage at Bottom Hole Dist.: 485 feet. Direction: FSL Dist.: 1901 feet. Direction: FEL

Sec: 33 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) 09/28/2013 13. Date TD: 12/30/2013 14. Date Casing Set or D&amp;A: 12/31/2013

## 15. Well Classification:

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

16. Total Depth MD 12692 TVD\*\* 7802 17 Plug Back Total Depth MD 12668 TVD\*\* 7801

18. Elevations GR 5021 KB 5037

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, 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	1,024	385	0	1,024	VISU
1ST	8+3/4	7	26	0	8,415	849	450	8,415	CBL
1ST LINER	6+1/8	4+1/2	11.6	7400	12,677				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	
SUSSEX	5,005		<input type="checkbox"/>	<input type="checkbox"/>	
SHARON SPRINGS	7,532		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,551		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	8,275		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	12,549		<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: \_\_\_\_\_

Email: katie.kistner@anadarko.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400671865	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400668688	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"/>
<u>Other Attachments</u>					
400668626	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400668627	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400668632	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400668650	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400668687	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)