

FORM  
5Rev  
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:

400463488

Date Received:

08/28/2013

## 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 &amp; GAS ONSHORE LP

Phone: (720) 9294317

3. Address: P O BOX 173779

Fax:

City: DENVER State: CO Zip: 80217-

5. API Number 05-123-36721-00

6. County: WELD

7. Well Name: CROWDER

Well Number: 15N-18HZ

8. Location: QtrQtr: NENE Section: 18 Township: 2N Range: 65W Meridian: 6

Footage at surface: Distance: 253 feet Direction: FNL Distance: 1168 feet Direction: FEL

As Drilled Latitude: 40.145255 As Drilled Longitude: -104.701459

## GPS Data:

Data of Measurement: 05/13/2013 PDOP Reading: 1.5 GPS Instrument Operator's Name: Renee Doiron

\*\* If directional footage at Top of Prod. Zone Dist.: 734 feet. Direction: FNL Dist.: 2212 feet. Direction: FEL

Sec: 18 Twp: 2N Rng: 65W

\*\* If directional footage at Bottom Hole Dist.: 760 feet. Direction: FSL Dist.: 2230 feet. Direction: FEL

Sec: 18 Twp: 2N Rng: 65W

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) 02/22/2013 13. Date TD: 05/07/2013 14. Date Casing Set or D&amp;A: 05/08/2013

## 15. Well Classification:

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

16. Total Depth MD 11538 TVD\*\* 7205 17 Plug Back Total Depth MD 11513 TVD\*\* 7204

18. Elevations GR 4958 KB 4983

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	1,079	476	0	1,079	VISU
1ST	8+3/4	7	26	0	7,683	770	10	7,683	CBL
1ST LINER	6+1/2	4+1/2	11.6	6672	11,523				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	7,164		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,251		<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 KistnerTitle: Regulatory Analyst Date: 8/28/2013 Email: katie.kistner@anadarko.com**Attachment Check List**

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400463503	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400463504	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>					
400463488	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400463495	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400463496	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400463497	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400463498	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400463499	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400463500	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400463501	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400463502	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400473681	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

## General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)