

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:

400493356

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 & GAS ONSHORE LP

Phone: (720) 9294317

3. Address: P O BOX 173779

Fax:

City: DENVER State: CO Zip: 80217-

5. API Number 05-123-37681-00

6. County: WELD

7. Well Name: HOWARD

Well Number: 30C-28HZ

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

Footage at surface: Distance: 290 feet Direction: FSL Distance: 1264 feet Direction: FWL

As Drilled Latitude: 40.015628 As Drilled Longitude: -104.900360

GPS Data:

Data of Measurement: 08/07/2013 PDOP Reading: 1.6 GPS Instrument Operator's Name: Renee Doiron

** If directional footage at Top of Prod. Zone Dist.: 621 feet. Direction: FSL Dist.: 50 feet. Direction: FWL

Sec: 28 Twp: 1N Rng: 67W

** If directional footage at Bottom Hole Dist.: 65 feet. Direction: FNL Dist.: 50 feet. Direction: FWL

Sec: 28 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) 08/01/2013 13. Date TD: 09/02/2013 14. Date Casing Set or D&A: 09/04/2013

15. Well Classification:

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

16. Total Depth MD 12858 TVD** 7720 17 Plug Back Total Depth MD 12834 TVD** 7720

18. Elevations GR 5008 KB 5024

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	1,018	382	0	1,018	VISU
1ST	8+3/4	7	26	0	8,269	818	410	8,269	CALC
1ST LINER	6+1/8	4+1/2	11.6	7360	12,843				

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	7,480		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,503		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	8,073		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	8,140		<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: _____ Email: katie.kistner@anadarko.com**Attachment Check List**

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400493412	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400493419	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>					
400493389	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400493397	PDF-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400493400	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400493401	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400493404	PDF-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400493406	LAS-MUD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400500783	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400517449	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)