

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:

400660414

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: REBECCA HEIM

2. Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP

Phone: (720) 929-6361

3. Address: P O BOX 173779

Fax: (720) 929-7361

City: DENVER State: CO Zip: 80217-

5. API Number 05-123-26959-00

6. County: WELD

7. Well Name: HALE

Well Number: 21-13

8. Location: QtrQtr: SWNE Section: 13 Township: 3N Range: 67W Meridian: 6

Footage at surface: Distance: 1641 feet Direction: FNL Distance: 1654 feet Direction: FEL

As Drilled Latitude: 40.227381 As Drilled Longitude: -104.835861

GPS Data:

Date of Measurement: 04/21/2009 PDOP Reading: 2.7 GPS Instrument Operator's Name: Cody Mattson

** If directional footage at Top of Prod. Zone Dist.: 1331 feet. Direction: FNL Dist.: 2619 feet. Direction: FEL

Sec: 13 Twp: 3N Rng: 67W

** If directional footage at Bottom Hole Dist.: 1331 feet. Direction: FNL Dist.: 2619 feet. Direction: FEL

Sec: 13 Twp: 3N 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) 07/15/2008 13. Date TD: 14. Date Casing Set or D&A:

15. Well Classification:

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

16. Total Depth MD 7575 TVD** 6624 17 Plug Back Total Depth MD 7532 TVD** 6581

18. Elevations GR 4799 KB 4811

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:

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	810	350	0	810	CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 08/07/2014

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
NON CEMENT SQUEEZE	1ST	7,562	165	740	1,520
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	
			<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

FORM 5 FOR REMEDIAL CEMENT JOB

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

Signed: _____ Print Name: REBECCA HEIM

Title: SR. REGULATORY ANALYST Date: _____ Email: rscdjpostdrill@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400660416	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/>	No <input checked="" 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>			
400660415	OPERATIONS SUMMARY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400660417	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400660418	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)