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: 400296735

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
2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP
3. Address: P O BOX 173779
City: DENVER State: CO Zip: 80217-
4. Contact Name: Emily Carrender
Phone: (720) 929-6282
Fax: (720) 929-7282

5. API Number 05-123-35069-00
6. County: WELD
7. Well Name: HEIN
Well Number: 21-1
8. Location: QtrQtr: SWNE Section: 1 Township: 1N Range: 67W Meridian: 6
Footage at surface: Distance: 2019 feet Direction: FNL Distance: 1858 feet Direction: FEL
As Drilled Latitude: 40.081884 As Drilled Longitude: -104.836629

GPS Data:
Data of Measurement: 05/15/2012 PDOP Reading: 1.2 GPS Instrument Operator's Name: Renee Doiron

** If directional footage at Top of Prod. Zone Dist.: 1312 feet. Direction: FNL Dist.: 2609 feet. Direction: FEL
Sec: 1 Twp: 1N Rng: 67W
** If directional footage at Bottom Hole Dist.: 1307 feet. Direction: FNL Dist.: 2607 feet. Direction: FEL
Sec: 1 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) 05/06/2012 13. Date TD: 05/08/2012 14. Date Casing Set or D&A: 05/09/2012

15. Well Classification:
☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 8180 TVD** 8050 17 Plug Back Total Depth MD 8153 TVD** 8023

18. Elevations GR 4895 KB 4910

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:
PRE FORM 5

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	24.0	0	945	680	15	945	CALC
1ST	7+7/8	4+1/2	11.6	0	8,176	50	7,954	8,176	CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 05/09/2012

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	7,946	980	2,050	7,946

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	
PARKMAN	4,270	4,400	☐	☐	
SUSSEX	4,658	5,000	☐	☐	
NIOBRARA	7,312		☐	☐	
FORT HAYS	7,606		☐	☐	
CODELL	7,628		☐	☐	
J SAND	8,058		☐	☐	

Comment:

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

Signed: _____ Print Name: Emily Carrender

Title: Operation Specialist I Date: _____ Email: emily.carrender@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
400296744	CMT Summary *	Yes ☒	No ☐
	Core Analysis	Yes ☐	No ☒
400296743	Directional Survey **	Yes ☒	No ☐
	DST Analysis	Yes ☐	No ☒
	Logs	Yes ☐	No ☒
	Other	Yes ☐	No ☒
Other Attachments			
400296745	DIRECTIONAL DATA	Yes ☒	No ☐

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)