

FORM  
5Rev  
02/08State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400166750

## 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: CARA MAHLER

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

Phone: (720) 929-6029

3. Address: P O BOX 173779

Fax: (720) 929-7029

City: DENVER State: CO Zip: 80217-

5. API Number 05-123-29152-00

6. County: WELD

7. Well Name: LUDWIG

Well Number: 13-1

8. Location: QtrQtr: SWSW Section: 1 Township: 3N Range: 66W Meridian: 6

Footage at surface: Distance: 150 feet Direction: FSL Distance: 895 feet Direction: FWL

As Drilled Latitude: 40.247178 As Drilled Longitude: -104.731665

GPS Data:

Data of Measurement: 06/09/2009 PDOP Reading: 2.2 GPS Instrument Operator's Name: TRAVIS KRAICH

\*\* If directional footage

at Top of Prod. Zone Distance: 298 feet Direction: FSL Distance: 1047 feet Direction: FWL

Sec: 1 Twp: 3N Rng: 66W

at Bottom Hole Distance: 2249 feet Direction: FSL Distance: 2336 feet Direction: FEL

Sec: 1 Twp: 3N Rng: 66W

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) 12/09/2008 13. Date TD: 12/20/2008 14. Date Casing Set or D&amp;A: 12/24/2008

15. Well Classification:

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

16. Total Depth MD 9903 TVD 7189 17 Plug Back Total Depth MD 9900 TVD 7186

18. Elevations GR 4938 KB 4958

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, CWS-AIL, CWS-HV-CL

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+3/4	9+5/8		0	676	540	0	676	CALC
1ST	8+3/4	7		0	7,532	462	2,600	7,532	CBL
1ST LINER	6+1/8	4+1/2		0	9,900	0	0	9,900	CALC

## ADDITIONAL CEMENT

Cement work date: \_\_\_\_\_

Details of work:

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom

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	
NIOBRARA	7,083		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

CBL LOG UPLOADED BY VENDOR. PAPER LOGS SENT VIA MAIL.

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

Signed: \_\_\_\_\_

Print Name: CARA MAHLER

Title: REGULATORY ANALYST

Date: \_\_\_\_\_

Email: CARA.MAHLER@ANADARKO.COM

Based on the information provided herein, this Drilling Completion Report (Form 5) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

### Attachment Check List

Att Doc Num	Name
400166752	CEMENT JOB SUMMARY
400166756	DIRECTIONAL SURVEY
400175570	LAS-TRIPLE COMBINATION

Total Attach: 3 Files

### General Comments

User Group      Comment      Comment Date

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Total: 0 comment(s)