


FORM 5 Rev 02/08	State of Colorado Oil and Gas Conservation Commission 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table> Document Number: 400166750	DE	ET	OE	ES
DE	ET	OE	ES				
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 <input checked="" type="checkbox"/> Final completion <input type="checkbox"/> Preliminary completion							
1. OGCC Operator Number: <u>47120</u>		4. Contact Name: <u>CARA MAHLER</u>					
2. Name of Operator: <u>KERR-MCGEE OIL & GAS ONSHORE LP</u>		Phone: <u>(720) 929-6029</u>					
3. Address: <u>P O BOX 173779</u>		Fax: <u>(720) 929-7029</u>					
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80217-37</u>					
5. API Number <u>05-123-29152-00</u>		6. County: <u>WELD</u>					
7. Well Name: <u>LUDWIG</u>		Well Number: <u>13-1</u>					
8. Location: QtrQtr: <u>SWSW</u> Section: <u>1</u> Township: <u>3N</u> Range: <u>66W</u> Meridian: <u>6</u>							
Footage at surface: Distance: <u>150</u> feet Direction: <u>FSL</u>		Distance: <u>895</u> feet Direction: <u>FWL</u>					
As Drilled Latitude: <u>40.247178</u>		As Drilled Longitude: <u>-104.731665</u>					
GPS Data:							
Data of Measurement: <u>06/09/2009</u>		PDOP Reading: <u>2.2</u> GPS Instrument Operator's Name: <u>TRAVIS KRAICH</u>					
** If directional footage at Top of Prod. Zone		Dist.: <u>298</u> feet. Direction: <u>FSL</u> Dist.: <u>1047</u> feet. Direction: <u>FWL</u>					
Sec: <u>1</u> Twp: <u>3N</u> Rng: <u>66W</u>							
** If directional footage at Bottom Hole		Dist.: <u>2249</u> feet. Direction: <u>FSL</u> Dist.: <u>2336</u> feet. Direction: <u>FEL</u>					
Sec: <u>1</u> Twp: <u>3N</u> Rng: <u>66W</u>							
9. Field Name: <u>WATTENBERG</u>		10. Field Number: <u>90750</u>					
11. Federal, Indian or State Lease Number: _____							
12. Spud Date: (when the 1st bit hit the dirt) <u>12/09/2008</u> 13. Date TD: <u>12/20/2008</u> 14. Date Casing Set or D&A: <u>12/24/2008</u>							
15. Well Classification:							
<input type="checkbox"/> Dry <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas/Coalbed <input type="checkbox"/> Disposal <input type="checkbox"/> Stratigraphic <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Storage <input type="checkbox"/> Observation							
16. Total Depth MD <u>9903</u> TVD** <u>7189</u>		17 Plug Back Total Depth MD <u>9900</u> TVD** <u>7186</u>					
18. Elevations GR <u>4938</u> KB <u>4958</u>		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:							
<u>CBL, CWS-AIL, CWS-HV-CL</u>							
20. Casing, Liner and Cement:							

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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		6425	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: 6/16/2011 Email: CARA.MAHLER@ANADARKO.COM

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400166752	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400166756	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>					
400166750	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400175570	LAS-TRIPLE COMBINATION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)