

**FORM**  
**5**  
Rev  
09/14

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:  
401231553

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

OGCC Operator Number: 47120 Contact Name: Jennifer Thomas  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6808  
 Address: P O BOX 173779 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80217-

API Number 05-123-42620-00 County: WELD  
 Well Name: HIGHLANDS Well Number: 27C-33HZ  
 Location: QtrQtr: NENE Section: 9 Township: 1N Range: 66W Meridian: 6  
 Footage at surface: Distance: 342 feet Direction: FNL Distance: 1037 feet Direction: FEL  
 As Drilled Latitude: 40.072077 As Drilled Longitude: -104.776459

GPS Data:  
 Date of Measurement: 10/13/2016 PDOP Reading: 1.4 GPS Instrument Operator's Name: Rob Wilson

\*\* If directional footage at Top of Prod. Zone Dist.: 1211 feet. Direction: FNL Dist.: 203 feet. Direction: FEL  
 Sec: 9 Twp: 1N Rng: 66W  
 \*\* If directional footage at Bottom Hole Dist.: 190 feet. Direction: FSL Dist.: 1167 feet. Direction: FEL  
 Sec: 33 Twp: 2N Rng: 66W

Field Name: WATTENBERG Field Number: 90750  
 Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 12/13/2016 Date TD: 01/11/2017 Date Casing Set or D&A: 01/13/2017  
 Rig Release Date: 01/28/2017 Per Rule 308A.b.

Well Classification:  
 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

Total Depth MD 14622 TVD\*\* 7507 Plug Back Total Depth MD 14519 TVD\*\* 7505

Elevations GR 5000 KB 5026 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL, GR  
CNL RUN ON HIGHLANDS 26C-33HZ, API 05-123-42621

**CASING, LINER AND CEMENT**

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	26	16	42.1	0	106	64	0	106	VISU
SURF	13+1/2	9+5/8	36	0	1,900	740	0	1,900	VISU
1ST	7+7/8	5+1/2	17	0	14,613	1,440	344	14,613	CBL

## 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:

## FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
SUSSEX	4,808				
SHARON SPRINGS	7,426				
NIOBRARA	7,473				
FORT HAYS	7,841				
CODELL	7,943				
CARLILE	8,314				

Comment:

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted. Per Rule 371.p Exception, compensated neutron logs have been run on the HIGHLANDS 26C-33HZ well (API 05-123-42621).

The top of productive zone provided is an estimate based on the landing point at 7995' MD.

Completion is estimated for Q2, 2017.

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

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

Print Name: Jennifer Thomas

Title: Regulatory Specialist

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

Email: jennifer.thomas@anadarko.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
401231640	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401231638	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"/>
<b>Other Attachments</b>			
401231604	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401231606	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401231618	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401231625	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401231642	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)