

**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:  
401770356

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: CRYSTAL MCCLAIN  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 9294398  
 Address: P O BOX 173779 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80217-

API Number 05-123-46592-00 County: WELD  
 Well Name: ENGLISH FARMS Well Number: 8-11HZ  
 Location: QtrQtr: SWSE Section: 8 Township: 1N Range: 65W Meridian: 6  
 Footage at surface: Distance: 303 feet Direction: FSL Distance: 2316 feet Direction: FEL  
 As Drilled Latitude: 40.059585 As Drilled Longitude: -104.686763

GPS Data:  
 Date of Measurement: 05/23/2018 PDOP Reading: 1.5 GPS Instrument Operator's Name: PRESTON KNUTSEN

\*\* If directional footage at Top of Prod. Zone Dist.: 185 feet. Direction: FNL Dist.: 2588 feet. Direction: FEL  
 Sec: 17 Twp: 1N Rng: 65W  
 \*\* If directional footage at Bottom Hole Dist.: 2099 feet. Direction: FNL Dist.: 2614 feet. Direction: FEL  
 Sec: 29 Twp: 1N Rng: 65W

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

Spud Date: (when the 1st bit hit the dirt) 05/16/2018 Date TD: 07/01/2018 Date Casing Set or D&A: 07/02/2018  
 Rig Release Date: 07/25/2018 Per Rule 308A.b.

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

Total Depth MD 20232 TVD\*\* 7172 Plug Back Total Depth MD 20217 TVD\*\* 7171

Elevations GR 4945 KB 4971 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
GR, CBL, OHL RUN ON THE ENGLISH FARMS 8-12HZ WELL (API: 05-123-46588).

**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	0	106	64	0	106	VISU
SURF	12+1/4	9+5/8	36	0	1,890	491	0	1,890	VISU
1ST	8+1/2	5+1/2	17	0	20,221	2,477	26	20,221	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	
FOX HILLS	1,481				
PARKMAN	4,206				
SUSSEX	4,465				
SHARON SPRINGS	7,154				
NIOBRARA	7,376				Due to faulting, the top of the Niobrara was not seen. This is the depth at which the formation was first entered.

Comment:

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted.

Per Rule 317.p Exception, Open Hole Resistivity Logs have been run on the English Farms 8-12HZ Well (API: 05-123-46588).

The Top of Productive Zone provided is an estimate based on the landing point at 7701' MD.

Completion is estimated for Q4 2018.

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

Signed: \_\_\_\_\_ Print Name: CRYSTAL MCCLAIN

Title: REGULATORY ANALYST Date: \_\_\_\_\_ Email: CRYSTAL.MCCLAIN@ANADARKO.COM

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
401770427	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401770430	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>			
401770392	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401770393	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401770394	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401770395	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401770504	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)