

FORM  
5Rev  
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



Document Number:

401770540

Date Received:

09/21/2018

## DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

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 05-123-46591-00 County: WELD  
 Well Name: ENGLISH FARMS Well Number: 8-13HZ  
 Location: QtrQtr: SWSE Section: 8 Township: 1N Range: 65W Meridian: 6  
 Footage at surface: Distance: 280 feet Direction: FSL Distance: 2297 feet Direction: FEL  
 As Drilled Latitude: 40.059522 As Drilled Longitude: -104.686695

## GPS Data:

Date of Measurement: 05/23/2018 PDOP Reading: 2.4 GPS Instrument Operator's Name: PRESTON KNUTSEN\*\* If directional footage at Top of Prod. Zone Dist.: 20 feet Direction: FNL Dist.: 2037 feet. Direction: FELSec: 17 Twp: 1N Rng: 65W\*\* If directional footage at Bottom Hole Dist.: 2181 feet Direction: FNL Dist.: 2046 feet. Direction: FELSec: 29 Twp: 1N Rng: 65WField Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 05/18/2018 Date TD: 06/17/2018 Date Casing Set or D&A: 06/19/2018Rig Release Date: 07/25/2018 Per Rule 308A.b.

## Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 20390 TVD\*\* 7215 Plug Back Total Depth MD 20374 TVD\*\* 7215Elevations GR 4945 KB 4971 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

## List Electric Logs Run:

GR, CBL, (RES in 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	1,891	491	0	1,891	VISU
1ST	8+1/2	5+1/2	17	0	20,387	2,480	140	20,387	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	4,209				
SUSSEX	4,468				
SHARON SPRINGS	7,081				
NIOBRARA	7,115				

#### Operator Comments

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 open hole logging exception, Open Hole Resistivity Logs were 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 7,650' 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: 9/21/2018 Email: CRYSTAL.MCCLAIN@ANADARKO.COM

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401770556	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401770557	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401770558	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>					
401770540	DRILLING COMPLETION REPORT	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401770550	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401770551	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401770553	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401770554	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401770559	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402033855	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Form 17 was not reported within 30 days of first production but was submitted.	05/06/2019

Total: 1 comment(s)

