

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:

401742734

Date Received:

08/24/2018

## 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 05-123-46263-00 County: WELD  
 Well Name: QUARTER CIRCLE Well Number: 24-6HZ  
 Location: QtrQtr: SESW Section: 24 Township: 1N Range: 67W Meridian: 6  
 Footage at surface: Distance: 344 feet Direction: FSL Distance: 1774 feet Direction: FWL  
 As Drilled Latitude: 40.030336 As Drilled Longitude: -104.842037

## GPS Data:

Date of Measurement: 03/05/2018 PDOP Reading: 1.3 GPS Instrument Operator's Name: ROB WILSON\*\* If directional footage at Top of Prod. Zone Dist.: 882 feet Direction: FSL Dist.: 1474 feet Direction: FWLSec: 24 Twp: 1N Rng: 67W\*\* If directional footage at Bottom Hole Dist.: 51 feet Direction: FNL Dist.: 1601 feet Direction: FWLSec: 13 Twp: 1N Rng: 67WField Name: WATTENBERG Field Number: 90750

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

Spud Date: (when the 1st bit hit the dirt) 03/10/2018 Date TD: 05/28/2018 Date Casing Set or D&A: 05/29/2018Rig Release Date: 06/27/2018 Per Rule 308A.b.

## Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 17490 TVD\*\* 7280 Plug Back Total Depth MD 17476 TVD\*\* 7280Elevations GR 4941 KB 4961 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

CBL, (RES in 05-123-46266).

## 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	100	64	0	100	VISU
SURF	13+1/2	9+5/8	36	0	1,869	699	0	1,869	VISU
1ST	8+1/2	5+1/2	17	0	17,481	2,080	782	17,481	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	655				
PARKMAN	4,177				
SUSSEX	4,977				
SHARON SPRINGS	7,328				
NIOBRARA	7,393				

#### 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 Exception, Open Hole Resistivity Logs have been run on the Quarter Circle 24-2HZ Well (API: 05-123-46266).

The Top of Productive Zone provided is an estimate based on the landing point at 7434' MD.

As-drilled GPS data was taken after conductor was set.

Completion is estimated for Q3 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: 8/24/2018 Email: CRYSTAL.MCCLAIN@ANADARKO.COM

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401744284	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401744285	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401744283	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>					
401742734	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401744279	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401744280	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401744281	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401744282	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401744286	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	List of all logs run was edited Corrected 1st string casing cement top per CBL Corrected surface string setting depth & cement bottom per cement job summary (doc #401744284)	02/28/2019
Permit	Changed TPZ based on directional survey and 5A	02/19/2019

Total: 2 comment(s)

