

DRILLING COMPLETION REPORT

Document Number:
401986960

Date Received:

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 05-123-47712-00 County: WELD
 Well Name: CASTLE PINES Well Number: 19-5HZ
 Location: QtrQtr: SESE Section: 19 Township: 2N Range: 66W Meridian: 6
 Footage at surface: Distance: 484 feet Direction: FSL Distance: 1078 feet Direction: FEL
 As Drilled Latitude: 40.117681 As Drilled Longitude: -104.814452

GPS Data:
 Date of Measurement: 10/23/2018 PDOP Reading: 1.6 GPS Instrument Operator's Name: RYAN GROVES

** If directional footage at Top of Prod. Zone Dist.: 754 feet. Direction: FSL Dist.: 1847 feet. Direction: FEL
 Sec: 19 Twp: 2N Rng: 66W
 ** If directional footage at Bottom Hole Dist.: 54 feet. Direction: FNL Dist.: 1889 feet. Direction: FEL
 Sec: 18 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) 09/25/2018 Date TD: 11/24/2018 Date Casing Set or D&A: 11/25/2018
 Rig Release Date: 02/06/2019 Per Rule 308A.b.

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

Total Depth MD 17282 TVD** 7188 Plug Back Total Depth MD 17135 TVD** 7188
 Elevations GR 4876 KB 4902 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:
CBL, MWD/LWD. (GR/RES in API 123-47708).

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	13+1/2	9+5/8	36	0	1,892	705	0	1,892	VISU
1ST	8+1/2	5+1/2	17	0	17,228	2,080	590	17,228	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	1,236				
PARKMAN	4,096				
SUSSEX	4,495				
SHARON SPRINGS	7,182				
NIOBRARA	7,284				

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 Castle Pines 19-3HZ Well (API 123-47708).

The Top of Productive Zone provided is an estimate based on the landing point at 7595' MD.

Completion is estimated for Q2 2019.

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 ?	
Attachment Checklist			
401987205	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401987207	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"/>
Other Attachments			
401987197	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987198	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987201	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987202	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401987209	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)

