

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



Document Number:

400832828

Date Received:

03/06/2018

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: Kayla Hesseltnie  
Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6552  
Address: P O BOX 173779 Fax:  
City: DENVER State: CO Zip: 80217-

API Number 05-123-41000-00 County: WELD  
Well Name: BUTTERBALL Well Number: 34C-11HZ  
Location: QtrQtr: NWNE Section: 10 Township: 2N Range: 67W Meridian: 6  
Footage at surface: Distance: 567 feet Direction: FNL Distance: 1489 feet Direction: FEL  
As Drilled Latitude: 40.158310 As Drilled Longitude: -104.872458

GPS Data:  
Date of Measurement: 04/27/2015 PDOP Reading: 2.0 GPS Instrument Operator's Name: Carli Sloan

\*\* If directional footage at Top of Prod. Zone Dist.: 136 feet Direction: FNL Dist.: 144 feet Direction: FWL  
Sec: 11 Twp: 2N Rng: 67W

\*\* If directional footage at Bottom Hole Dist.: 131 feet Direction: FSL Dist.: 178 feet Direction: FWL  
Sec: 11 Twp: 2N Rng: 67W

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

Spud Date: (when the 1st bit hit the dirt) 02/15/2014 Date TD: 04/22/2015 Date Casing Set or D&A: 04/23/2015  
Rig Release Date: 04/24/2015 Per Rule 308A.b.

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

Total Depth MD 13240 TVD\*\* 7499 Plug Back Total Depth MD 13139 TVD\*\* 7498

Elevations GR 4920 KB 4936 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
CBL, LWD, Mud, (IND in 123-10810, 123-20955, 123-33788, 123-33784)

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	60	48	0	60	VISU
SURF	13+1/2	9+5/8	36	0	1,148	448	0	1,148	VISU
1ST	7+7/8	5+1/2	17	0	13,232	1,312	1,060	13,232	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	4,605				
SHANNON	4,914				
SHARON SPRINGS	7,442				
NIOBRARA	7,546				
FORT HAYS	8,006				
CODELL	8,131				
CARLILE	11,477				

Operator Comments

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted. This well is a conventional horizontal (monobore).

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

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

Print Name: Kayla Hesseltine

Title: Regulatory Specialist

Date: 3/6/2018

Email: kayla.hesseltine@anadarko.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400844427	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400841984	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>			
400832828	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400832831	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400846564	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400846565	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400846569	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400853519	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date
Engineering Tech	Waiting on a copy of the CBL.LAS file; MWD logs are missing gamma data from 1,148'-6,800' and the Form 5 was submitted prior to the Rule change requiring the CBL.LAS file(for complete gamma coverage of the wellbore). • Corrected the surface string "Sacks of Cement" per the Cement Job Summary	03/15/2018
Permit	Operator: Operator: Shannon Top = 4914 Correct BHL is in section 11, not section 10 TPZ review is based on top perf at 8220' MD Changed Logs Run to CBL, LWD, Mud, (IND in 123-10810, 123-20955, 123-33788, 123-33784) Exception to 317.p requirement to open hole logging granted per 123-10810, 123-20955, 123-33788, 123-33784	03/08/2018

Total: 2 comment(s)