

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:

401376198

Date Received:

08/29/2017

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: JENNIFER THOMAS
Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6808
Address: P O BOX 173779 Fax:
City: DENVER State: CO Zip: 80217-

API Number 05-123-43810-00 County: WELD
Well Name: BABCOCK Well Number: 12N-33HZ
Location: QtrQtr: SENW Section: 4 Township: 2N Range: 67W Meridian: 6
Footage at surface: Distance: 2138 feet Direction: FNL Distance: 1995 feet Direction: FWL
As Drilled Latitude: 40.169185 As Drilled Longitude: -104.897265

GPS Data:
Date of Measurement: 04/27/2017 PDOP Reading: 1.9 GPS Instrument Operator's Name: ROB WILSON

** If directional footage at Top of Prod. Zone Dist.: 2325 feet Direction: FNL Dist.: 796 feet Direction: FWL
Sec: 4 Twp: 2N Rng: 67W

** If directional footage at Bottom Hole Dist.: 2160 feet Direction: FSL Dist.: 805 feet Direction: FWL
Sec: 33 Twp: 3N Rng: 67W

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

Spud Date: (when the 1st bit hit the dirt) 04/18/2017 Date TD: 06/21/2017 Date Casing Set or D&A: 06/22/2017
Rig Release Date: 07/01/2017 Per Rule 308A.b.

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

Total Depth MD 12280 TVD** 7173 Plug Back Total Depth MD 12180 TVD** 7169

Elevations GR 4887 KB 4908 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD, (CNL in 123-43809, RESISTIVITY in 123-19671)

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	101	64	0	101	VISU
SURF	13+1/2	9+5/8	36	0	1,849	723	0	1,849	VISU
1ST	7+7/8	5+1/2	17	0	12,272	1,225	1,180	12,272	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	4,277				
SHANNON	4,819				
SHARON SPRINGS	7,363				
NIOBRARA	7,531				

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, compensated neutron logs were run on the BABCOCK 23N-33HZ well (API 123-43809).
The Top of Productive Zone review is based on top perf at 7791' MD.
Completion is estimated for Q4, 2017.

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

Signed: _____ Print Name: JENNIFER THOMAS

Title: REGULATORY ANALYST Date: 8/29/2017 Email: jennifer.thomas@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401390218	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401390219	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401390216	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			
401376198	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401390175	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401390177	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401390180	LAS-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401390213	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401390215	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Engineering Tech	<p>Waiting on a response from the Operator regarding Form 17 compliance; Form 17 reporting was not submitted within 60 days of Date Rig Released, or prior to hydraulic stimulation per the dates provided on the related Form 5,5A, Operator will submit Form 17 reports.</p> <ul style="list-style-type: none"> • Corrected the comments in the Drilling/Submit tab • Corrected the first string "Size of Hole" per the Cement Job Summary • Corrected the PBTVD per the Directional Survey 	04/02/2018
Permit	<p>Corrected with operator concurrence the footage at Top of Prod. Zone from 2252 FNL 791 FWL 4-2N-67W to 2325 FNL 796 FWL 4-2N-67W Changed Logs Run to CBL, MWD, (CNL in 123-43809, RESISTIVITY in 123-19671) In Submit tab, revised 'The Top of Productive Zone provided is an estimate based on the landing point at 7866 MD' to 'The Top of Productive Zone review is based on top perf at 7791 MD', Rule 371.p to Rul 317.p Per operator, updated Sussex to 4277' from 4765', added Shannon at 4819'</p>	02/21/2018

Total: 2 comment(s)