

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:

400832798

Date Received:

06/18/2015

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: <u>47120</u>	Contact Name: <u>Kayla Hesselstine</u>
Name of Operator: <u>KERR MCGEE OIL & GAS ONSHORE LP</u>	Phone: <u>(720) 929-6552</u>
Address: <u>P O BOX 173779</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-</u>	

API Number <u>05-123-40991-00</u>	County: <u>WELD</u>
Well Name: <u>BUTTERBALL</u>	Well Number: <u>37N-10HZ</u>
Location: QtrQtr: <u>NWNE</u> Section: <u>10</u> Township: <u>2N</u> Range: <u>67W</u> Meridian: <u>6</u>	
Footage at surface: Distance: <u>627</u> feet Direction: <u>FNL</u> Distance: <u>1489</u> feet Direction: <u>FEL</u>	
As Drilled Latitude: <u>40.158148</u> As Drilled Longitude: <u>-104.872460</u>	

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.: 99 feet Direction: FNL Dist.: 989 feet. Direction: FEL
Sec: 10 Twp: 2N Rng: 67W

** If directional footage at Bottom Hole Dist.: 141 feet Direction: FSL Dist.: 1198 feet. Direction: FEL
Sec: 10 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) 02/13/2015 Date TD: 04/11/2015 Date Casing Set or D&A: 04/12/2015
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	<u>12973</u>	TVD**	<u>7362</u>	Plug Back Total Depth	MD	<u>12870</u>	TVD**	<u>7360</u>
Elevations	GR	<u>4920</u>	KB	<u>4936</u>	Digital Copies of ALL Logs must be Attached per Rule 308A <input type="checkbox"/>				

List Electric Logs Run:
CBL, LWD, (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	1,154	437	0	1,154	VISU
1ST	7+7/8	5+1/2	17	0	12,963	1,280	1,070	12,963	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	4,509				
SHANNON	4,914				
SHARON SPRINGS	7,375				
NIOBRARA	7,513				

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: 6/18/2015 Email: kayla.hesseltine@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400844438	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400841990	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>			
400832798	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400832810	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400832811	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400832812	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400853517	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Waiting on a copy of the CBL.LAS file; MWD logs are missing gamma data from 1,154'-6,700' and the Form 5 was submitted prior to the Rule change requiring the CBL.LAS file(for complete gamma coverage of the wellbore).	03/15/2018
Permit	Changed Logs Run to CBL, LWD, (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 Operator: Shannon Top = 4914	01/25/2018

Total: 2 comment(s)