

**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:

400945267

Date Received:

12/29/2015

**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: 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 05-123-41950-00 County: WELD  
Well Name: POWERS Well Number: 2N-27HZ  
Location: QtrQtr: NWNE Section: 22 Township: 2N Range: 65W Meridian: 6  
Footage at surface: Distance: 310 feet Direction: FNL Distance: 1360 feet Direction: FEL  
As Drilled Latitude: 40.130533 As Drilled Longitude: -104.645511

## GPS Data:

Date of Measurement: 12/01/2015 PDOP Reading: 2.0 GPS Instrument Operator's Name: Sergio Del Carmen\*\* If directional footage at Top of Prod. Zone Dist.: 1 feet Direction: FNL Dist.: 2373 feet. Direction: FELSec: 22 Twp: 2N Rng: 65W\*\* If directional footage at Bottom Hole Dist.: 350 feet Direction: FNL Dist.: 2336 feet. Direction: FELSec: 27 Twp: 2N Rng: 65WField Name: WATTENBERG Field Number: 90750

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

Spud Date: (when the 1st bit hit the dirt) 08/20/2015 Date TD: 09/28/2015 Date Casing Set or D&A: 09/29/2015Rig Release Date: 10/31/2015 Per Rule 308A.b.

## Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 13103 TVD\*\* 7087 Plug Back Total Depth MD 13000 TVD\*\* 7085Elevations GR 4893 KB 4918 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

## List Electric Logs Run:

MWD, CBL, (CNL in 123-41955, IND in 123-29100)**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	65	28	0	65	VISU
SURF	13+1/2	9+5/8	36	0	1,895	753	0	1,895	VISU
1ST	8+1/2	5+1/2	17	0	13,092	1,860	0	13,092	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	4,451				
SHARON SPRINGS	7,114				
NIOBRARA	7,258				

#### 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 and the Open Hole Logging Exception(doc#400856929), the CNL was run on the Powers 2C-27HZ well (API 123-41955).

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 Specialist Date: 12/29/2015 Email: jennifer.thomas@anadarko.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400945330	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400945329	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>					
400945267	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400945323	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400945324	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400945326	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400953278	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400953300	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	<ul style="list-style-type: none"> <li>• Corrected the comments in the Drilling/Submit tab</li> <li>• Corrected the PBTD per the directional data</li> </ul>	01/03/2018
Permit	Changed Logs Run to MWD, CBL, (CNL in 123-41955, IND in 123-29100) Removed 123-07669, an offset for which a logging exception was granted, due to absence of resistivity log Changed Rule 371.p to Rule 317.p in Submit tab Corrected footage at TPZ from 78 FNL 2373 FWL 22-2N-65W to 1 FNL 2373 FEL 22-2N-65W Corrected BHL from NW/4 to NE/4	12/08/2017

Total: 2 comment(s)