

**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:

400945554

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 05-123-41952-00 County: WELD
Well Name: POWERS Well Number: 1C-27HZ
Location: QtrQtr: NENE Section: 22 Township: 2N Range: 65W Meridian: 6
Footage at surface: Distance: 310 feet Direction: FNL Distance: 1240 feet Direction: FEL
As Drilled Latitude: 40.130531 As Drilled Longitude: -104.645083

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.: 25 feet Direction: FSL Dist.: 780 feet Direction: FELSec: 15 Twp: 2N Rng: 65W** If directional footage at Bottom Hole Dist.: 348 feet Direction: FNL Dist.: 713 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) 08/23/2015 Date TD: 10/20/2015 Date Casing Set or D&A: 10/21/2015Rig Release Date: 10/31/2015 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 13219 TVD** 7229 Plug Back Total Depth MD 13121 TVD** 7225Elevations GR 4893 KB 4918 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

CBL, MWD, (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	1,856	711	0	1,856	VISU
1ST	8+1/2	5+1/2	17	0	13,211	1,880	0	13,211	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	4,433				
SHARON SPRINGS	6,962				
NIOBRARA	7,035				
FORT HAYS	7,459				
CODELL	7,542				
CARLILE	9,438				

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#400856776), 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>					
400945566	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400960859	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>					
400945554	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400945563	PDF-MEASUREMENT/LOGGING WHILE DRILLING	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400945565	LAS-MEASUREMENT/LOGGING WHILE DRILLING	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400953331	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400953336	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400960857	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	• Corrected the comments in the Drilling/Submit tab	01/03/2018
Permit	Per operator, GPS measurement was taken on conductor csg after it was set CBL, MWD, (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	12/07/2017

Total: 2 comment(s)