

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:

401209815

Date Received:

02/14/2017

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: 69175 Contact Name: Jenifer Hakkarinen
Name of Operator: PDC ENERGY INC Phone: (303) 8605800
Address: 1775 SHERMAN STREET - STE 3000 Fax:
City: DENVER State: CO Zip: 80203

API Number 05-123-21919-00 County: WELD
Well Name: COCKROFT Well Number: 44-11
Location: QtrQtr: SESE Section: 11 Township: 6N Range: 64W Meridian: 6
Footage at surface: Distance: 470 feet Direction: FSL Distance: 470 feet Direction: FEL
As Drilled Latitude: As Drilled Longitude:

GPS Data:
Date of Measurement: PDOP Reading: GPS Instrument Operator's Name:

** If directional footage at Top of Prod. Zone Dist.: feet Direction: Dist.: feet. Direction:
Sec: Twp: Rng:
** If directional footage at Bottom Hole Dist.: feet Direction: Dist.: feet. Direction:
Sec: Twp: Rng:

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

Spud Date: (when the 1st bit hit the dirt) 01/22/2004 Date TD: 01/26/2004 Date Casing Set or D&A: 01/26/2004
Rig Release Date: Per Rule 308A.b.

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

Total Depth MD 7056 TVD** Plug Back Total Depth MD 7053 TVD**

Elevations GR 4700 KB 4710 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:

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
SURF	12+1/4	8+5/8	24	0	443	275	0	443	VISU
1ST	7+7/8	4+1/2	10.5	0	7,053	150	6,015	7,053	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 02/03/2013

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
1 INCH	1ST	2,774	806	114	2,774

Details of work:

Rig in Baker Hughes cementers.
 Mix and pump 10 bbl of mud clean.
 Mix and pump 175 bbl - 806 sx premium-lite + 3.0% gel. { yield - 1.55, gps - 7.87 }.
 Cement circulated to surface.
 Rig out Baker Hugher.Trip 1 1/4" tubing out of the well.

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	

Operator Comments

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

Signed: _____ Print Name: Jenifer Hakkarinen

Title: Reg Tech Date: 2/14/2017 Email: Jenifer.Hakkarinen@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401209832	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
401209815	FORM 5 SUBMITTED	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">• "Date Rig Released" changed from 1/26/2004 to to reflect rig release after remedial cement work.• Remedial cement job "Cement Volume - Sacks" corrected from 806 to 634; 175 bbls represents 634 sacks; 806 sacks is 222 bbls as per cement job summary.• Missing CBL for remedial cement work; requested 3/27/2017; received and uploaded as doc 02349185; remedial top of cement adjusted from 0' to 114' as per CBL; "Cementing Tool/Setting Depth" adjusted from 2575' to 2774' as per CBL (location of casing patch); remedial cement bottom adjusted from 2575' to 2774' as per CBL.	03/27/2017

Total: 1 comment(s)