

FORM  
5Rev  
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:

401240446

Date Received:

03/22/2017

## 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: Kelsi Welch

Name of Operator: PDC ENERGY INC

Phone: (303) 831-3974

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

API Number 05-123-20294-00

County: WELD

Well Name: WACKER

Well Number: 10-D

Location: QtrQtr: SENW Section: 10 Township: 5N Range: 64W Meridian: 6

Footage at surface: Distance: 1320 feet Direction: FNL Distance: 1301 feet Direction: FWL

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) 12/07/2001 Date TD: 12/12/2001 Date Casing Set or D&amp;A:

Rig Release Date: 02/23/2017 Per Rule 308A.b.

## Well Classification:

☐ Dry ☐ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 7009 TVD\*\* Plug Back Total Depth MD 6969 TVD\*\*

Elevations GR 4611 KB 4621 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	371	290	0	371	VISU
1ST	7+7/8	4+1/2	10.5	0	6,993	420	2,702	6,993	CBL

## STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 02/22/2017

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
1 INCH	1ST	700	265	0	775

Details of work:

- 1) MIRU WO rig.
- 2) Make sure well is dead. Check Bradenhead pressure.
- 3) POOH with tubing.
- 4) ND WH.
- 5) Spear 4.5" production csg to remove out of slips.
- 6) TIH w/ 1 1/4" 3.02# CS Hydril stick pipe to 700' in production casing annular space.
- 7) RU cmt unit.
- 8) Mix and pump 265 sxs cement from 700' to Surface. Pull 1 1/4" tubing.
- 9) Top remaining annular volume off.
- 10) Set slips and NU WH. TIH with tubing.
- 11) RDMO WO rig.

**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: Kelsi Welch

Title: Production Tech Date: 3/22/2017 Email: kelsi.welch@pdce.com

**Attachment Check List**

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401240455	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 checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
401240446	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401240451	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401240452	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>• Spud date adjusted from 12/8/2001 to 12/7/2001 as per original completion report.</li><li>• TD date added to correct TD date on original completion report from 12/13/2001 to 12/12/2001; logs run to TD on 12/12/2001.</li><li>• "Date Rig Released" adjusted from 12/13/2001 to 2/23/2017 to reflect rig release after remedial cement work.</li><li>• First string "Csg/Lin Top" corrected from 2700' (cement top) to 0' (surface) as per original completion report.</li><li>• Added "Cement Work Date" of 2/22/2017.</li><li>• Corrected annular fill cement bottom from 700' to 775' as per CBL.</li></ul>	03/24/2017

Total: 1 comment(s)