

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:

401433513

Date Received:

12/04/2017

## 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: Ally Ota

Name of Operator: PDC ENERGY INC

Phone: (303) 831-3931

Address: 1775 SHERMAN STREET - STE 3000

Fax: (303) 860-5838

City: DENVER State: CO Zip: 80203

API Number 05-123-42832-00

County: WELD

Well Name: Dunn

Well Number: 7L-341

Location: QtrQtr: SWSW Section: 7 Township: 5N Range: 64W Meridian: 6

Footage at surface: Distance: 825 feet Direction: FSL Distance: 981 feet Direction: FWL

As Drilled Latitude: 40.408630 As Drilled Longitude: -104.598271

## GPS Data:

Date of Measurement: 03/06/2017 PDOP Reading: 1.6 GPS Instrument Operator's Name: Devin Arnold

\*\* If directional footage at Top of Prod. Zone Dist.: 521 feet Direction: FSL Dist.: 963 feet Direction: FWL

Sec: 7 Twp: 5N Rng: 64W

\*\* If directional footage at Bottom Hole Dist.: 200 feet Direction: FNL Dist.: 910 feet Direction: FWL

Sec: 6 Twp: 5N Rng: 64W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 10/29/2016 Date TD: 11/08/2016 Date Casing Set or D&amp;A: 11/10/2016

Rig Release Date: 02/22/2017 Per Rule 308A.b.

## Well Classification:

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

Total Depth MD 16843 TVD\*\* 6781 Plug Back Total Depth MD 16820 TVD\*\* 6781

Elevations GR 4615 KB 4638

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

## List Electric Logs Run:

CBL, MWD, (DIL in 123-13053)

## 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	9+5/8	36	0	1,637	760	0	1,637	VISU
1ST	8+1/2	5+1/2	20	0	16,835	2,298	1,560	16,835	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	
PARKMAN	3,505				
SUSSEX	4,388				
SHARON SPRINGS	6,555				
NIOBRARA	6,699				

#### Operator Comments

Shannon formation not present.  
Open hole logging exception; no open hole logs were run on this pad; cased hole neutron was run on this well.

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

Signed: \_\_\_\_\_ Print Name: Cassie Gonzalez

Title: Regulatory Contractor Date: 12/4/2017 Email: cassie.gonzalez@pdce.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401433628	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401439389	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401433633	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>					
401433513	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433601	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433603	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433605	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433606	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433607	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433609	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433619	LAS-NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433620	PDF-NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433631	WELLBORE DIAGRAM	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401433637	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401471766	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Operator replied: Concur ratty TOC at 1560' and spud date is 10/29/2016	01/16/2018
Engineer	Changed TOC from 0'/VISU to 1560'/CBL. Production casing cement job summary says they had 40 bbls cement returns. CBL has fluid level at 1400' and appears to show TOC at 1560'. Ask operator to verify what they think would be the correct TOC.	12/27/2017
Permit	Ready to approve.	12/19/2017

Total: 3 comment(s)