

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:

401658304

Date Received:

06/06/2018

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) 860-5800  
Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 831-3988  
City: DENVER State: CO Zip: 80203

API Number 05-123-44581-00 County: WELD  
Well Name: Fern Well Number: 11V-304  
Location: QtrQtr: NWNW Section: 11 Township: 5N Range: 65W Meridian: 6  
Footage at surface: Distance: 321 feet Direction: FNL Distance: 688 feet Direction: FWL  
As Drilled Latitude: 40.420420 As Drilled Longitude: -104.637630

GPS Data:  
Date of Measurement: 04/24/2018 PDOP Reading: 2.3 GPS Instrument Operator's Name: Devin Arnold

\*\* If directional footage at Top of Prod. Zone Dist.: 1114 feet Direction: FNL Dist.: 10 feet Direction: FWL  
Sec: 11 Twp: 5N Rng: 65W

\*\* If directional footage at Bottom Hole Dist.: 1159 feet Direction: FNL Dist.: 2530 feet Direction: FEL  
Sec: 9 Twp: 5N Rng: 65W

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

Spud Date: (when the 1st bit hit the dirt) 03/06/2018 Date TD: 03/11/2018 Date Casing Set or D&A: 03/13/2018  
Rig Release Date: 04/09/2018 Per Rule 308A.b.

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

Total Depth MD 15142 TVD\*\* 6799 Plug Back Total Depth MD 15121 TVD\*\* 6799

Elevations GR 4619 KB 4642 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
CBL, MWD, (DIL in 123-44580)

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	1,668	770	0	1,668	VISU
1ST	8+1/2	5+1/2	20	0	15,135	1,844	2,600	15,142	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	3,644				
SUSSEX	4,310				
SHANNON	4,883				
SHARON SPRINGS	6,539				
NIOBRARA	6,703				

#### Operator Comments

This well has not yet been completed. Anticipated date of completion is 3rd Quarter 2018.  
Top of Productive Zone Footage is based on approved APD footages.  
No open hole log run on this well; Open Hole Log run on Fern 11U-334 (API: 05-123-44580).

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 Technician Date: 6/6/2018 Email: Cassie.Gonzalez@pdce.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401658374	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401658375	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401658376	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>			
401658304	DRILLING COMPLETION REPORT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401658345	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401658346	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401658349	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401658368	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401658371	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401658372	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401658373	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401658378	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402120499	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	Corrected 1st string casing cement top per CBL Corrected 1st string cement bottom to TD per directional survey	07/24/2019
Permit	Changed TPZ based on directional survey and 5A	07/22/2019

Total: 2 comment(s)

