

**DRILLING COMPLETION REPORT**

Document Number:  
402048397

Date Received:

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 69175 Contact Name: Cassie Gonzalez  
 Name of Operator: PDC ENERGY INC Phone: (303) 860-5800  
 Address: 1775 SHERMAN STREET - STE 3000 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80203

API Number 05-123-45894-00 County: WELD  
 Well Name: Challenger Well Number: 8N  
 Location: QtrQtr: SENW Section: 8 Township: 4N Range: 64W Meridian: 6  
 Footage at surface: Distance: 1433 feet Direction: FNL Distance: 2431 feet Direction: FWL  
 As Drilled Latitude: 40.330200 As Drilled Longitude: -104.575270

GPS Data:  
 Date of Measurement: 04/05/2019 PDOP Reading: 2.2 GPS Instrument Operator's Name: Devin Arnold

\*\* If directional footage at Top of Prod. Zone Dist.: 1853 feet. Direction: FNL Dist.: 1900 feet. Direction: FWL  
 Sec: 8 Twp: 4N Rng: 64W  
 \*\* If directional footage at Bottom Hole Dist.: 1843 feet. Direction: FNL Dist.: 150 feet. Direction: FWL  
 Sec: 7 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) 03/10/2019 Date TD: 03/14/2019 Date Casing Set or D&A: 03/16/2019  
 Rig Release Date: 03/22/2019 Per Rule 308A.b.

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

Total Depth MD 14142 TVD\*\* 6881 Plug Back Total Depth MD 14122 TVD\*\* 6881  
 Elevations GR 4775 KB 4798 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL, MWD (DIL in 123-11113 and 123-22520)

**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	1,674	770	0	1,674	VISU
1ST	8+1/2	5+1/2	20	0	14,137	2,130	2,300	14,137	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	3,716				
SUSSEX	4,366				
SHANNON	4,996				
SHARON SPRINGS	6,727				
NIOBRARA	6,814				

Comment:

Spud date is correct on Form 5 and incorrect at COGCC website.  
This well has not yet been completed. Anticipated date of completion is 1st Quarter 2020  
Top of Productive Zone footage is based on approved APD footage. Actual TPZ will be provided on the Form 5A.  
Open hole logging exception, no open hole logs were run; Cased hole neutron run on Challenger 1N (API: 05-123-45890).  
Depth on CBL pdf header is listed incorrectly at 7,000'. Log was actually run to 7,015' as shown within log and LAS.

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: \_\_\_\_\_

Email: Cassie.Gonzalez@pdce.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
402048488	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402048497	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"/>
<b>Other Attachments</b>			
402048416	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402048417	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402048418	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402048428	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402048445	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402048446	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402048447	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402048498	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)

