

**DRILLING COMPLETION REPORT**

Document Number:  
401657411

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: 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 05-123-44666-00 County: WELD  
 Well Name: Sandin Well Number: 24V-401  
 Location: QtrQtr: SWNE Section: 24 Township: 5N Range: 65W Meridian: 6  
 Footage at surface: Distance: 1570 feet Direction: FNL Distance: 1905 feet Direction: FEL  
 As Drilled Latitude: 40.387590 As Drilled Longitude: -104.608730

GPS Data:  
 Date of Measurement: 04/24/2018 PDOP Reading: 1.4 GPS Instrument Operator's Name: Devin Arnold

\*\* If directional footage at Top of Prod. Zone Dist.: 300 feet. Direction: FSL Dist.: 60 feet. Direction: FEL  
 Sec: 13 Twp: 5N Rng: 65W  
 \*\* If directional footage at Bottom Hole Dist.: 501 feet. Direction: FNL Dist.: 90 feet. Direction: FEL  
 Sec: 12 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) 12/22/2017 Date TD: 04/05/2018 Date Casing Set or D&A: 04/07/2018  
 Rig Release Date: 04/07/2018 Per Rule 308A.b.

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

Total Depth MD 17499 TVD\*\* 6909 Plug Back Total Depth MD 17475 TVD\*\* 6909  
 Elevations GR 4634 KB 4657 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL, MWD (DIL in 123-44667)

**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	1,709	790	0	1,709	VISU
1ST	8+1/2	5+1/2	20	0	17,491	1,910	650	17,491	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	3,768				
SUSSEX	4,441				
SHANNON	5,184				
SHARON SPRINGS	6,890				
NIOBRARA	6,944				
FORT HAYS	7,379				
CODELL	7,450				

Comment:

This well has not yet been completed. Anticipated date of completion is 2nd Quarter 2018.  
Top of Productive Zone Footage is based on approved APD footage.  
No open hole logs run on this well, Open Hole Log run on Sandin 24N-241 (API: 05-123-44667).

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>			
401657455	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401657457	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>			
401657445	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401657446	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401657447	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401657449	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401657450	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401657452	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401657453	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401657461	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)