

**DRILLING COMPLETION REPORT**

Document Number:  
401521254

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) 860-5838  
 City: DENVER State: CO Zip: 80203

API Number 05-123-44891-00 County: WELD  
 Well Name: Snowmass Well Number: 9N  
 Location: QtrQtr: NWNE Section: 5 Township: 5N Range: 64W Meridian: 6  
 Footage at surface: Distance: 168 feet Direction: FNL Distance: 1742 feet Direction: FEL  
 As Drilled Latitude: 40.434824 As Drilled Longitude: -104.571042

GPS Data:  
 Date of Measurement: 10/20/2017 PDOP Reading: 1.3 GPS Instrument Operator's Name: Devin Arnold

\*\* If directional footage at Top of Prod. Zone Dist.: 2066 feet. Direction: FNL Dist.: 2725 feet. Direction: FEL  
 Sec: 5 Twp: 5N Rng: 64W  
 \*\* If directional footage at Bottom Hole Dist.: 2142 feet. Direction: FNL Dist.: 1 feet. Direction: FEL  
 Sec: 4 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) 08/08/2017 Date TD: 08/15/2017 Date Casing Set or D&A: 08/17/2017  
 Rig Release Date: 10/12/2017 Per Rule 308A.b.

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

Total Depth MD 15323 TVD\*\* 6656 Plug Back Total Depth MD 15317 TVD\*\* 6656  
 Elevations GR 4631 KB 4654 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL, MWD (DIL in 123-14113)

**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	1,700	790	0	1,700	VISU
1ST	8+1/2	5+1/2	20	0	15,317	2,270	0	15,317	VISU

**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	3,759				
SUSSEX	4,578				
SHANNON	5,303				
SHARON SPRINGS	6,977				
NIOBRARA	7,165				

Comment:

This well is currently being completed. Top of Productive Zone footages estimated based top perf from frac design.  
Open Hole Logging Exception, no open hole logs run on this pad; Cased hole neutron run on Snowmass 1C (API: 05-123-44893)

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

Signed: \_\_\_\_\_

Print Name: Ally Ota

Title: Regulatory Tech

Date: \_\_\_\_\_

Email: alexandria.ota@pdce.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
401521349	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401521348	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>			
401521311	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401521312	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401521327	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401521330	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401521332	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401521333	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401521335	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401521347	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)