

**DRILLING COMPLETION REPORT**

Document Number:  
400701867

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: (303) 831-3988  
 City: DENVER State: CO Zip: 80203

API Number 05-123-37309-00 County: WELD  
 Well Name: Sorin Natural Resources Well Number: 2R-403  
 Location: QtrQtr: NWNE Section: 2 Township: 4N Range: 66W Meridian: 6  
 Footage at surface: Distance: 20 feet Direction: FNL Distance: 1424 feet Direction: FEL  
 As Drilled Latitude: 40.348440 As Drilled Longitude: -104.739850

GPS Data:  
 Date of Measurement: 10/20/2014 PDOP Reading: 1.6 GPS Instrument Operator's Name: Devin Arnold

\*\* If directional footage at Top of Prod. Zone Dist.: 952 feet. Direction: FNL Dist.: 1168 feet. Direction: FEL  
 Sec: 2 Twp: 4N Rng: 66W  
 \*\* If directional footage at Bottom Hole Dist.: 502 feet. Direction: FSL Dist.: 1168 feet. Direction: FEL  
 Sec: 2 Twp: 4N Rng: 66W

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

Spud Date: (when the 1st bit hit the dirt) 09/18/2014 Date TD: 09/27/2014 Date Casing Set or D&A: 09/29/2014  
 Rig Release Date: 09/30/2014 Per Rule 308A.b.

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

Total Depth MD 11688 TVD\*\* 7133 Plug Back Total Depth MD 11679 TVD\*\* 7133  
 Elevations GR 4671 KB 4684 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL, MWD

**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	13+1/2	9+5/8	36	0	925	700	0	925	VISU
1ST	8+3/4	7	26	0	7,608	694	415	7,608	CBL
1ST LINER	6+1/8	4+1/2	13.5	7454	11,682				

### 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	3,616				
SUSSEX	4,264				
SHANNON	4,754				
SHARON SPRINGS	6,626				
NIOBRARA	6,864				
FORT HAYS	7,608				
CODELL	7,699				
CARLILE	8,883				

Comment:

No open hole logs were run on this pad. APD was approved in 2013 with no logging BMPs or exceptions.  
7" TOC picked at beginning of stringers, 11.2 ppg lead.

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>			
401969450	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401969449	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>			
401969442	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401969443	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401969445	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401969446	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401969451	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Return to draft for AOC settlement.	09/07/2016

Total: 1 comment(s)

