

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



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Document Number:
401427261

Date Received:

DRILLING COMPLETION REPORT

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 Gale
 Name of Operator: PDC ENERGY INC Phone: (303) -831-393
 Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 860-5838
 City: DENVER State: CO Zip: 80203

API Number 05-123-42681-00 County: WELD
 Well Name: Brown Well Number: 23P-321
 Location: QtrQtr: SWSE Section: 23 Township: 5N Range: 65W Meridian: 6
 Footage at surface: Distance: 1082 feet Direction: FSL Distance: 1419 feet Direction: FEL
 As Drilled Latitude: 40.380431 As Drilled Longitude: -104.626119

GPS Data:
 Date of Measurement: 03/06/2017 PDOP Reading: 1.7 GPS Instrument Operator's Name: Devin Arnold

** If directional footage at Top of Prod. Zone Dist.: 1994 feet. Direction: FSL Dist.: 2396 feet. Direction: FEL
 Sec: 23 Twp: 5N Rng: 65W
 ** If directional footage at Bottom Hole Dist.: 1 feet. Direction: FNL Dist.: 2393 feet. Direction: FEL
 Sec: 14 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) 12/28/2016 Date TD: 01/04/2017 Date Casing Set or D&A: 01/07/2017
 Rig Release Date: 03/01/2017 Per Rule 308A.b.

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

Total Depth MD 15837 TVD** 6837 Plug Back Total Depth MD 15811 TVD** 6837

Elevations GR 4643 KB 4666 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:
CBL, MWD, (DIL in 123-12656)

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	1,543	720	0	1,543	VISU
1ST	8+1/2	5+1/2	20	0	15,826	2,330	370	15,826	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	3,666				
SUSSEX	4,291				
SHANNON	4,990				
SHARON SPRINGS	6,655				
NIOBRARA	6,825				

Comment:

Open hole logging exception, no open hole logs run on this pad. Cased hole neutron run on Brown 23x-241 (API: 123-42655)

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 Contractor

Date: _____

Email: cassie.gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401427339	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401574853	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"/>
Other Attachments			
401427327	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401427328	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401427331	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401427332	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401427333	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401427335	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401427341	WELLBORE DIAGRAM	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401574845	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401574851	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)