

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



Document Number:

400563267

Date Received:

12/31/2018

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type Final completion Preliminary completion

OGCC Operator Number: 69175 Contact Name: Ally Ota
Name of Operator: PDC ENERGY INC Phone: (303) 8605800
Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 8605838
City: DENVER State: CO Zip: 80203

API Number 05-123-36602-00 County: WELD
Well Name: Dillard Well Number: 20T-221
Location: QtrQtr: SESE Section: 20 Township: 7N Range: 64W Meridian: 6
Footage at surface: Distance: 381 feet Direction: FSL Distance: 591 feet Direction: FEL
As Drilled Latitude: 40.552131 As Drilled Longitude: -104.566240

GPS Data:
Date of Measurement: 11/12/2018 PDOP Reading: 2.2 GPS Instrument Operator's Name: Devin Arnold

** If directional footage at Top of Prod. Zone Dist.: 881 feet Direction: FNL Dist.: 857 feet Direction: FEL
Sec: 20 Twp: 7N Rng: 64W

** If directional footage at Bottom Hole Dist.: 502 feet Direction: FNL Dist.: 902 feet Direction: FEL
Sec: 20 Twp: 7N Rng: 64W

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

Spud Date: (when the 1st bit hit the dirt) 10/30/2013 Date TD: 11/10/2013 Date Casing Set or D&A: 11/11/2013
Rig Release Date: 11/26/2013 Per Rule 308A.b.

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

Total Depth MD 11450 TVD** 6955 Plug Back Total Depth MD 11442 TVD** 6955

Elevations GR 4865 KB 4880 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
CBL, MWD (DIL in 123-23079)

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+3/4	9+5/8	36	0	927	830	0	927	VISU
1ST	8+3/4	7	26	0	7,464	610	0	7,464	VISU
1ST LINER	6+1/8	4+1/2	13.5	7313	11,446				

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	3,815				
SUSSEX	4,535				
SHARON SPRINGS	6,877				
NIOBRARA	7,014				

Operator Comments

No open hole logs were run on this pad. APD was approved in 2013 with no logging BMPs or exceptions.
Shannon formation not present.
MWD not run in vertical portion of wellbore.
TOC at 0' as the CBL was run short, however, there were returns to surface.

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: 12/31/2018 Email: alexandria.ota@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401833108	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401854519	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"/>
<u>Other Attachments</u>			
400563267	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400583725	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401833087	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401833088	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401833089	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401833090	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Ready to pass.	01/02/2019
Permit	Return to draft for AOC settlement.	09/06/2016

Total: 2 comment(s)

