

FORM
5

Rev
10/14

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:

400809517

Date Received:

01/13/2020

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/or 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: <u>69175</u>	Contact Name: <u>Cassie Gonzalez</u>
Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(303) 860-5800</u>
Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>Cassie.Gonzalez@pdce.com</u>

API Number <u>05-123-39869-00</u>	County: <u>WELD</u>
Well Name: <u>Churchill</u>	Well Number: <u>28E-423</u>
Location: QtrQtr: <u>NWNW</u> Section: <u>28</u> Township: <u>5N</u> Range: <u>64W</u> Meridian: <u>6</u>	
	FNL/FSL FEL/FWL
Footage at surface: Distance: <u>250</u> feet Direction: <u>FNL</u> Distance: <u>1245</u> feet Direction: <u>FWL</u>	
As Drilled Latitude: <u>40.376900</u> As Drilled Longitude: <u>-104.559820</u>	
GPS Data:	
Date of Measurement: <u>04/02/2015</u> PDOP Reading: <u>1.7</u> GPS Instrument Operator's Name: <u>Devin Arnold</u>	
	FNL/FSL FEL/FWL
** If directional footage at Top of Prod. Zone Dist: <u>800</u> feet Direction: <u>FNL</u> Dist: <u>457</u> feet Direction: <u>FWL</u>	
Sec: <u>28</u> Twp: <u>5N</u> Rng: <u>64W</u>	
	FNL/FSL FEL/FWL
** If directional footage at Bottom Hole Dist: <u>2141</u> feet Direction: <u>FNL</u> Dist: <u>405</u> feet Direction: <u>FWL</u>	
Sec: <u>33</u> Twp: <u>5N</u> Rng: <u>64W</u>	
Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>	
Federal, Indian or State Lease Number: _____	

Spud Date: (when the 1st bit hit the dirt) 03/03/2015 Date TD: 03/14/2015 Date Casing Set or D&A: 03/16/2015
 Rig Release Date: 03/29/2015 Per Rule 308A.b.

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

Total Depth MD <u>13920</u> TVD** <u>6798</u> Plug Back Total Depth MD <u>13892</u> TVD** <u>6799</u>
Elevations GR <u>4635</u> KB <u>4648</u> Digital Copies of ALL Logs must be Attached per Rule 308A <input checked="" type="checkbox"/>

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	927	770	0	927	VISU
1ST	8+3/4	7	26	0	7,252	622	1,865	7,252	CBL
1ST LINER	6+1/8	4+1/2	13.5	6139	13,916	430	6,139	13,916	CALC

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	3,546				
SUSSEX	4,233				
SHARON SPRINGS	6,472				
NIOBRARA	6,593				
FORT HAYS	7,088				
CODELL	9,295				

Operator Comments:

Shannon Formation is not present.
 Open hole log run on Churchill 28E-203 (API: 05-123-39751)
 Corrections on CBL made by operator due to vendor losing large database files in a truck fire.
 TOC comments from our Engineer: 7" TOC, 11.2# lead with decreasing amplitude and VDL showing signs of bonding. Lower cmt weight. 10 bbls returned.

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: 1/13/2020 Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
402253314	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402253313	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			
400809517	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402253277	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402253306	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402253311	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402253312	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402253315	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	Returned to draft for AOC settlement.	09/13/2016

Total: 1 comment(s)

