

FORM
5

Rev
02/20

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:

402196804

Date Received:

10/07/2019

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

API Number 05-123-49452-00 County: WELD
Well Name: Red Cloud Well Number: 9N
Location: QtrQtr: SENE Section: 1 Township: 4N Range: 64W Meridian: 6
FNL/FSL _____ FEL/FWL _____
Footage at surface: Distance: 1528 feet Direction: FNL Distance: 764 feet Direction: FEL
As Drilled Latitude: 40.344480 As Drilled Longitude: -104.492290
GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 09/03/2019
GPS Instrument Operator's Name: Tyler Blessing FNL/FSL _____ FEL/FWL _____
** If directional footage at Top of Prod. Zone Dist: 2265 feet Direction: FNL Dist: 737 feet Direction: FEL
Sec: 1 Twp: 4N Rng: 64W FNL/FSL _____ FEL/FWL _____
** If directional footage at Bottom Hole Dist: 2264 feet Direction: FNL Dist: 51 feet Direction: FWL
Sec: 2 Twp: 4N Rng: 64W
Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 07/29/2019 Date TD: 08/02/2019 Date Casing Set or D&A: 08/06/2019
Rig Release Date: 08/16/2019 Per Rule 308A.b.

Well Classification:

Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 16628 TVD** 6566 Plug Back Total Depth MD 16105 TVD** 6564

Elevations GR 4602 KB 4625 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:

CBL, MWD (DIL in 123-17425)

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	1,680	800	0	1,680	VISU
1ST	8+1/2	5+1/2	20	0	16,120	2,985	1,860	16,120	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	3,557				
SUSSEX	4,242				
SHANNON	4,808				
SHARON SPRINGS	6,578				
NIOBRARA	6,695				

Operator Comments:

Spud date is correct on Form 5 and incorrect on COGCC's website.
This well has not yet been completed. Anticipated date of completion is 3rd Quarter 2020.
Top of Productive Zone footage is based on approved APD footage. Actual TPZ will be provided on the Form5A.
Open hole logging exception, no open hole logs were run; Cased hole neutron run on Red Cloud 0N (API: 05-123-49445).
TOC comments from our Engineer: 5.5" TOC, 14# lead with decreasing amplitude and VDL showing signs of bonding.

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: 10/7/2019 Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402197048	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402197049	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402197050	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>			
402196804	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402197039	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402197040	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402197042	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402197044	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402197045	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402197051	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	Permitting review complete.	06/02/2021

Total: 1 comment(s)