

FORM
5Rev
12/20

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:

402619730

Date Received:

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 05-123-48833-00

County: WELD

Well Name: Pharaoh

Well Number: 2C

Location: QtrQtr: NESE Section: 36 Township: 5N Range: 64W Meridian: 6
FNL/FSL FEL/FWL

Footage at surface: Distance: 1698 feet Direction: FSL Distance: 455 feet Direction: FEL

As Drilled Latitude: 40.353340 As Drilled Longitude: -104.489910

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 02/08/2021

** If directional footage at Top of Prod. Zone Dist: 1240 feet Direction: FSL Dist: 737 feet Direction: FEL
Sec: 36 Twp: 5N Rng: 64W** If directional footage at Bottom Hole Dist: 1253 feet Direction: FSL Dist: 152 feet Direction: FWL
Sec: 35 Twp: 5N Rng: 64W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number: 00/7325-S

Spud Date: (when the 1st bit hit the dirt) 10/22/2020 Date TD: 01/08/2021 Date Casing Set or D&A: 01/09/2021

Rig Release Date: 01/19/2021 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 16845 TVD** 6746 Plug Back Total Depth MD 16816 TVD** 6746

Elevations GR 4593 KB 4621

Digital Copies of ALL Logs must be Attached



List All Logs Run:

CBL, MWD, DIL

FLUID VOLUMES USED IN DRILLING OPERATIONS

(Enter "0" if a type of a fluid was not used. Do not leave blank.)

Total Fluids (bbls): 5667 Fresh Water (bbls): 2300

Recycled or Reused Fluids That Offset the Use of Fresh Water (bbls): 3524

CASING, LINER AND CEMENT

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>	<u>Status</u>
SURF	12+1/4	9+5/8	J-55	36	0	1668	540	1668	0	VISU
1ST	8+1/2	5+1/2	P-110	20	0	16833	2695	16833	0	CBL

Bradenhead Pressure Action Threshold 500 psig

This threshold is calculated per Rule 308A.b.(2)G. If this well is located in a bradenhead test area (see Rule 207.b) per an Order of the Commission, it may be subject to a different threshold.

Does the casing centralization comply with Rule 317.g? Yes

If "NO", provide details below.

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	3,484				
SUSSEX	4,244				
SHANNON	4,928				
SHARON SPRINGS	6,440				
NIOBRARA	6,492				
FORT HAYS	6,920				
CODELL	7,043				
CARLILE	8,335				

Operator Comments:

This well has not yet been completed. Anticipated date of completion is 1st Quarter 2022.
 TPZ footage is based on approved APD footage. Actual TPZ will be provided on the Form 5A.
 Alternative Logging Program- Open Hole log run on this well.
 TOC comments from our Engineer: 5.5" VDL/Amp/Sector Map show cmt 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: Cassie Gonzalez

Title: Regulatory Analyst

Date: _____

Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?
<u>Attachment Checklist</u>		
402622956	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
402622958	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>		
402622937	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402622938	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402622941	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402622944	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402622947	LAS-DUAL INDUCTION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402622948	PDF-DUAL INDUCTION	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402622950	PDF-POROSITY	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
402622960	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)