

FORM
5Rev
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



DE ET OE ES

Document Number:

402118153

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: 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

API Number 05-123-47809-00

County: WELD

Well Name: Popham

Well Number: 16N

Location: QtrQtr: SESW Section: 3 Township: 4N Range: 64W Meridian: 6

Footage at surface: Distance: 1104 feet Direction: FSL Distance: 2356 feet Direction: FWL

As Drilled Latitude: 40.337160 As Drilled Longitude: -104.537500

GPS Data:

Date of Measurement: 06/17/2019 PDOP Reading: 1.6 GPS Instrument Operator's Name: Tyler Blessing

** If directional footage at Top of Prod. Zone Dist.: 737 feet. Direction: FSL Dist.: 1215 feet. Direction: FEL

Sec: 3 Twp: 4N Rng: 64W

** If directional footage at Bottom Hole Dist.: 368 feet. Direction: FSL Dist.: 1443 feet. Direction: FEL

Sec: 34 Twp: 5N Rng: 64W

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 03/11/2019 Date TD: 03/15/2019 Date Casing Set or D&A: 03/16/2019

Rig Release Date: 05/31/2019 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 12266 TVD** 6640 Plug Back Total Depth MD 12249 TVD** 6640

Elevations GR 4662 KB 4685 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, MWD (DIL in 123-25419)

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	1,633	760	0	1,633	VISU
1ST	8+1/2	5+1/2	20	0	12,264	1,785	1,730	12,264	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	3,664				
SUSSEX	4,389				
SHANNON	5,112				
SHARON SPRINGS	6,775				
NIOBRARA	6,837				

Comment:

Spud date is correct on Form 5 and incorrect at COGCC's website.
Depth on CBL pdf header is listed incorrectly at 7,100'. Log was actually run to 7,109' as shown within the log and LAS.
This well has not yet been completed. Anticipated date of completion is 2nd Quarter 2020.
Top of Productive Zone footage is based on approved APD footage. Actual TPZ will be provided on the Form 5A.
Open hole logging exception, no open hole logs were run; Cased hole neutron run on Popham 20N (API: 05-123-47813).
TOC comments from our Engineer: 5.5" TOC, 14.0 lead with lower amps and VDL indicating 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: _____

Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
402118306	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
402118305	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>					
402118285	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118290	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118293	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118296	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118297	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118298	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118299	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118308	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 per operator request - 7/24/2019	07/24/2019

Total: 1 comment(s)

