

FORM  
5Rev  
09/14State 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:

402118548

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 05-123-47823-00

County: WELD

Well Name: Popham

Well Number: 18N

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

Footage at surface: Distance: 1134 feet Direction: FSL Distance: 2356 feet Direction: FWL

As Drilled Latitude: 40.337240 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.: 690 feet. Direction: FEL

Sec: 3 Twp: 4N Rng: 64W

\*\* If directional footage at Bottom Hole Dist.: 367 feet. Direction: FSL Dist.: 897 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) 03/23/2019 Date TD: 03/27/2019 Date Casing Set or D&amp;A: 03/28/2019

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 12464 TVD\*\* 6624 Plug Back Total Depth MD 12445 TVD\*\* 6624

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	1,632	760	0	1,632	VISU
1ST	8+1/2	5+1/2	20	0	12,460	1,820	2,620	12,460	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	3,634				
SUSSEX	4,474				
SHANNON	5,237				
SHARON SPRINGS	6,970				
NIOBRARA	7,070				

Comment:

Spud date is correct on Form 5 and incorrect at COGCC's website.  
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>					
402118719	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
402118717	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>					
402118700	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118701	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118702	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118703	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118704	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118706	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118708	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
402118721	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)

