

FORM  
5Rev  
02/20State 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:

401984999

Date Received:

04/09/2019

## 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 05-123-45752-00

County: WELD

Well Name: Harold

Well Number: 6Y-312

 Location: QtrQtr: SESE Section: 6 Township: 4N Range: 64W Meridian: 6  
 FNL/FSL FEL/FWL

Footage at surface: Distance: 592 feet Direction: FSL Distance: 439 feet Direction: FEL

As Drilled Latitude: 40.335710 As Drilled Longitude: -104.585490

GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: PDOP Date of Measurement: 02/25/2019

GPS Instrument Operator's Name: Devin Arnold

FNL/FSL

FEL/FWL

 \*\* If directional footage at Top of Prod. Zone Dist: 450 feet Direction: FSL Dist: 153 feet Direction: FWL  
 Sec: 5 Twp: 4N Rng: 64W

FNL/FSL

FEL/FWL

 \*\* If directional footage at Bottom Hole Dist: 436 feet Direction: FSL Dist: 102 feet Direction: FEL  
 Sec: 4 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) 12/23/2018 Date TD: 12/30/2018 Date Casing Set or D&amp;A: 01/01/2019

Rig Release Date: 02/08/2019 Per Rule 308A.b.

Well Classification:

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

Total Depth MD 17675 TVD\*\* 6896 Plug Back Total Depth MD 17659 TVD\*\* 6896

Elevations GR 4788 KB 4811

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, MWD (DIL in 123-17448)

## 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	1,655	VISU
1ST	8+1/2	5+1/2	20	0	17,674	2,800	2,640	17,675	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	3,964				
SUSSEX	4,348				
SHANNON	5,003				
SHARON SPRINGS	6,764				
NIOBRARA	6,833				

Operator Comments:

This well has not yet been completed. Anticipated date of completion is 4th Quarter 2019.  
Top of Productive Zone footage is based on approved APD footage. Actual TPZ will be provided on the Form5A.  
Spud date is correct.  
Depth on CBL header is listed incorrectly at 7,000'. Log was actually run to 7,002' as shown within the log and LAS.

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: 4/9/2019 Email: Cassie.Gonzalez@pdce.com

### Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401985152	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985153	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401985154	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>					
401984999	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985140	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985141	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985142	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985144	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985146	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985156	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985739	LAS-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401985741	PDF-CBL 1ST RUN	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Corrected 1st string cement bottom per attached directional survey Changed well status to WO Passed engineering review	04/13/2021
Permit	Permitting review complete.	03/23/2021

Total: 2 comment(s)