

FORM  
5

Rev  
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



Document Number:

400708898

Date Received:

03/13/2019

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 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: Ally Ota  
Name of Operator: PDC ENERGY INC Phone: (303) 860-5800  
Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 831-3988  
City: DENVER State: CO Zip: 80203

API Number 05-123-38007-00 County: WELD  
Well Name: Ram Land Well Number: 30G-303  
Location: QtrQtr: NWSW Section: 30 Township: 4N Range: 66W Meridian: 6  
Footage at surface: Distance: 2487 feet Direction: FSL Distance: 1151 feet Direction: FWL  
As Drilled Latitude: 40.282176 As Drilled Longitude: -104.825660

GPS Data:  
Date of Measurement: 09/18/2014 PDOP Reading: 1.5 GPS Instrument Operator's Name: Devin Arnold

\*\* If directional footage at Top of Prod. Zone Dist.: 1818 feet Direction: FSL Dist.: 108 feet Direction: FWL  
Sec: 30 Twp: 4N Rng: 66W  
\*\* If directional footage at Bottom Hole Dist.: 2158 feet Direction: FNL Dist.: 126 feet Direction: FWL  
Sec: 31 Twp: 4N Rng: 66W

Field Name: WATTENBERG Field Number: 90750  
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 04/12/2014 Date TD: 04/21/2014 Date Casing Set or D&A: 04/21/2014  
Rig Release Date: 06/01/2014 Per Rule 308A.b.

Well Classification:  
 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

Total Depth MD 11724 TVD\*\* 7137 Plug Back Total Depth MD 11716 TVD\*\* 7137  
Elevations GR 4758 KB 4772 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
CBL, MWD

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	13+3/4	9+5/8	36	0	927	830	0	927	VISU
1ST	8+3/4	7	26	0	7,706	600	140	7,706	CBL
1ST LINER	6+1/8	4+1/2	13.5	7550	11,720				

**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	3,745				
SUSSEX	4,243				
SHANNON	4,803				
SHARON SPRINGS	6,761				
NIOBRARA	7,062				

**Operator Comments**

No open hole logs were run on this pad. APD was approved with no logging BMPs or exceptions. Depth on CBL PDF header is listed incorrectly at 7,200'. Log was actually run to 7,222' 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: 3/13/2019 Email: Cassie.Gonzalez@pdce.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401934704	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401934702	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>			
400708898	DRILLING COMPLETION REPORT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401934690	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401934693	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401934696	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401934706	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401971151	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402029398	FORM 5 SUBMITTED	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Accept operator reviewed 7" TOC = 140' based on CBL.	05/01/2019
Engineer	7" TOC 635'. Generally poor bond from 5350' up on the CBL. Cement Job Summary says no cement returns.	04/09/2019
Permit	Ready to pass.	04/01/2019
Permit	Returned to draft for AOC settlement.	09/12/2016

Total: 4 comment(s)

