

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:

400725880

Date Received:

05/15/2019

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: Cassie Gonzalez
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 05-123-37310-00 County: WELD
Well Name: Sorin Natural Resources Well Number: 2U-203
Location: QtrQtr: NWNE Section: 2 Township: 4N Range: 66W Meridian: 6
Footage at surface: Distance: 20 feet Direction: FNL Distance: 1334 feet Direction: FEL
As Drilled Latitude: 40.348440 As Drilled Longitude: -104.739530

GPS Data:
Date of Measurement: 10/20/2014 PDOP Reading: 1.6 GPS Instrument Operator's Name: Devin Arnold

** If directional footage at Top of Prod. Zone Dist.: 859 feet Direction: FNL Dist.: 222 feet Direction: FEL
Sec: 2 Twp: 4N Rng: 66W
** If directional footage at Bottom Hole Dist.: 502 feet Direction: FSL Dist.: 191 feet Direction: FEL
Sec: 2 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) 08/11/2014 Date TD: 08/21/2014 Date Casing Set or D&A: 08/22/2014
Rig Release Date: 09/30/2014 Per Rule 308A.b.

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

Total Depth MD 11590 TVD** 6947 Plug Back Total Depth MD 11582 TVD** 6947
Elevations GR 4671 KB 4684 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+1/2	9+5/8	36	0	928	770	0	928	VISU
1ST	8+3/4	7	26	0	7,541	668	0	7,541	CBL
1ST LINER	6+1/8	4+1/2	13.5	7381	11,586				

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	3,678				
SUSSEX	4,253				
SHANNON	4,849				
SHARON SPRINGS	6,757				
NIOBRARA	7,051				

Operator Comments

Spud Date is correct.
No open hole logs were run on this pad. APD was approved in 2013 with no logging BMPs or exceptions.
Depth on CBL PDF header is listed incorrectly at 7,000'. Log was actually run to 7,006' as shown within the log and LAS.
7" TOC at surface due to 14 bbls cement returned to surface, 11.2 ppg lead.

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: 5/15/2019 Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
401969795	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401969794	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>			
400725880	DRILLING COMPLETION REPORT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401969782	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401969783	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401969784	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401969785	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401969806	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402074826	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>
Permit	Ready to pass.	06/04/2019
Permit	Returned to draft for AOC settlement.	09/13/2016

Total: 2 comment(s)

