

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.

Document Number:
400497852

Date Received:

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 05-123-35445-00 County: WELD
 Well Name: Spaur Well Number: 31V-214
 Location: QtrQtr: NENE Section: 31 Township: 7N Range: 63W Meridian: 6
 Footage at surface: Distance: 1234 feet Direction: FNL Distance: 250 feet Direction: FEL
 As Drilled Latitude: 40.534127 As Drilled Longitude: -104.471230

GPS Data:
 Date of Measurement: 03/07/2019 PDOP Reading: 1.6 GPS Instrument Operator's Name: Devin Arnold

** If directional footage at Top of Prod. Zone Dist.: 800 feet. Direction: FNL Dist.: 804 feet. Direction: FEL
 Sec: 31 Twp: 7N Rng: 63W
 ** If directional footage at Bottom Hole Dist.: 799 feet. Direction: FNL Dist.: 512 feet. Direction: FWL
 Sec: 31 Twp: 7N Rng: 63W

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

Spud Date: (when the 1st bit hit the dirt) 07/23/2012 Date TD: 08/01/2012 Date Casing Set or D&A: 08/02/2012
 Rig Release Date: 09/09/2012 Per Rule 308A.b.

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

Total Depth MD 11149 TVD** 6765 Plug Back Total Depth MD 11143 TVD** 6765
 Elevations GR 4758 KB 4773 **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	932	840	0	932	VISU
1ST	8+3/4	7	26	0	7,198	461	1,290	7,198	CBL
1ST LINER	6+1/8	4+1/2	13.5	7031	11,146				

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	3,613				
SUSSEX	4,351				
SHARON SPRINGS	6,569				
NIOBRARA	6,731				

Comment:

Shannon Formation not present.
Depth on CBL PDF header is listed incorrectly at 6,850'. Log was actually run to 6,810' as shown within the log and LAS.
No open hole logs were run on this pad. APD was approved with no logging BMPs or exceptions.
7" TOC @ fluid level, 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: _____ Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401974228	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401974227	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"/>
Other Attachments			
401974220	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401974221	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401974222	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401974223	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401974234	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	Return to draft for AOC settlement.	09/06/2016

Total: 1 comment(s)

