

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:
400708940

Date Received:

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 05-123-37970-00 County: WELD

Well Name: Ram Land Well Number: 300-443

Location: QtrQtr: NESW Section: 30 Township: 4N Range: 66W Meridian: 6

Footage at surface: Distance: 2486 feet Direction: FSL Distance: 1472 feet Direction: FWL

As Drilled Latitude: 40.282173 As Drilled Longitude: -104.824517

GPS Data:
Date of Measurement: 09/18/2014 PDOP Reading: 1.4 GPS Instrument Operator's Name: Devin Arnold

** If directional footage at Top of Prod. Zone Dist.: 1985 feet. Direction: FSL Dist.: 2161 feet. Direction: FWL
Sec: 30 Twp: 4N Rng: 66W

** If directional footage at Bottom Hole Dist.: 2144 feet. Direction: FNL Dist.: 2177 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) 06/24/2014 Date TD: 07/07/2014 Date Casing Set or D&A: 07/08/2014

Rig Release Date: 07/21/2014 Per Rule 308A.b.

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

Total Depth MD 11759 TVD** 7260 Plug Back Total Depth MD 11668 TVD** 7260

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	1,013	910	0	1,013	VISU
1ST	8+3/3	7	26	0	7,651	612	0	7,651	CBL
1ST LINER	6+1/8	4+1/2	13.5	7465	11,672				

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	3,732				
SUSSEX	4,203				
SHANNON	4,780				
SHARON SPRINGS	6,923				
NIOBRARA	7,020				
FORT HAYS	7,558				
CODELL	7,629				
CARLILE	9,415				

Comment:

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 7,300'. Log ws actually run to 7,320' as shown within the log and LAS. TOC at surface due to 5 bbls cement returns to surface.

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			
401935928	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402005282	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			
401935924	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401935925	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401935926	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401971683	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402005280	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	7" TOC 240'. Generally poor bond from 5440' up. Fluid level 180'. Estimated TOC on Cement Job Summary is 13'. 5 bbls cement returns. 11.2 ppg lead cement is not showing up well on CBL.	04/09/2019
Permit	Returned to Draft for: Missing directional survey.	04/02/2019
Permit	Returned to draft for AOC settlement.	09/12/2016

Total: 3 comment(s)

