

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:

400491306

Date Received:

05/03/2019

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 05-123-36098-00 County: WELD
Well Name: Dalton Well Number: 24Q-441
Location: QtrQtr: SESW Section: 24 Township: 7N Range: 66W Meridian: 6
Footage at surface: Distance: 250 feet Direction: FSL Distance: 2570 feet Direction: FWL
As Drilled Latitude: 40.554310 As Drilled Longitude: -104.725920

GPS Data:
Date of Measurement: 08/13/2013 PDOP Reading: 2.2 GPS Instrument Operator's Name: Holly L. Tracy

** If directional footage at Top of Prod. Zone Dist.: 997 feet Direction: FSL Dist.: 1991 feet Direction: FWL
Sec: 24 Twp: 7N Rng: 66W

** If directional footage at Bottom Hole Dist.: 501 feet Direction: FNL Dist.: 1983 feet Direction: FWL
Sec: 24 Twp: 7N Rng: 66W

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

Spud Date: (when the 1st bit hit the dirt) 05/04/2013 Date TD: 05/13/2013 Date Casing Set or D&A: 05/14/2013
Rig Release Date: 05/15/2013 Per Rule 308A.b.

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

Total Depth MD 11797 TVD** 7357 Plug Back Total Depth MD 11789 TVD** 7357

Elevations GR 4865 KB 4880 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	910	820	0	910	VISU
1ST	8+3/4	7	26	0	7,718	667	240	7,718	CBL
1ST LINER	6+1/8	4+1/2	13.5	7581	11,793				

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	3,871				
SUSSEX	4,416				
SHANNON	5,068				
SHARON SPRINGS	7,063				
NIOBRARA	7,164				
FORT HAYS	7,953				
CODELL	8,069				

Operator Comments

No open hole logs were run on this pad. APD was approved with no logging BMPs or exceptions.
 CBL is already on file with COGCC.
 The original due date of this form is prior to 11/23/2015, therefore no .las of the CBL is required.

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: 5/3/2019 Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
Attachment Checklist			
401907725	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
401907722	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			
400491306	DRILLING COMPLETION REPORT	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401907714	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401907715	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
401937741	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402004902	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402031736	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. Operator addressed previous issues: The original due date of this form is prior to 11/23/2015, therefore no .las of the CBL is required.	05/03/2019
Permit	Returned to Draft for: - Missing CBL LAS file.	05/03/2019
Engineer	Accept operator reviewed 7" TOC = 240' based on CBL.	05/01/2019
Permit	Missing CBL LAS file.	04/23/2019
Engineer	No CBL in Well Logs Upload tab. Fairly poor copy of CBL.tiff in docs. Shows 7" top of tail cement at 6750'. Relatively poor bond comes and goes from there up to 1950'. Looks like free pipe from 1950' up. TOC would appear to be 1950' or possibly 1550' due to a stringer and slight decrease of amplitude below this point. Don't see anything on CBL to indicate the TOC is 850' as reported. Cement job summary says no cement returns.	04/03/2019
Permit	Returned to Draft for: No CBL logs.	03/20/2019
Permit	Return to draft for AOC settlement.	09/06/2016
Permit	Second reminder to opr.	04/22/2014
Permit	Requested PDF of mud log. Requested Cement Job Summary. Calculated TPZ and BHL are 1988 FWL and 1945 FWL.	12/23/2013

Total: 9 comment(s)

