

FORM
5

Rev
02/20

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:

400701912

Date Received:

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/or 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:

City: DENVER State: CO Zip: 80203

Email: cassie.gonzalez@pdce.com

API Number 05-123-37997-00

County: WELD

Well Name: Thornton

Well Number: 15Y-414

Location: QtrQtr: SESE Section: 15 Township: 7N Range: 66W Meridian: 6
FNL/FSL FEL/FWL

Footage at surface: Distance: 1115 feet Direction: FSL Distance: 466 feet Direction: FEL

As Drilled Latitude: 40.571034 As Drilled Longitude: -104.755882

GPS Data: GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Date of Measurement: 01/19/2015

GPS Instrument Operator's Name: Devin Arnold

FNL/FSL FEL/FWL

** If directional footage at Top of Prod. Zone Dist: 197 feet Direction: FSL Dist: 882 feet Direction: FEL
Sec: 15 Twp: 7N Rng: 66W

** If directional footage at Bottom Hole Dist: 183 feet Direction: FSL Dist: 501 feet Direction: FWL
Sec: 15 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) 09/20/2014 Date TD: 10/02/2014 Date Casing Set or D&A: 10/02/2014

Rig Release Date: 10/04/2014 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 12015 TVD** 7479 Plug Back Total Depth MD 12007 TVD** 7479

Elevations GR 4921 KB 4936

Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, MWD, GR/CNL

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	920	825	0	920	VISU
1ST	8+3/4	7	26	0	7,946	740	0	7,946	CBL
1ST LINER	6+1/8	4+1/2	13.5	7863	12,011				

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	4,014				
SUSSEX	4,499				
SHANNON	5,203				
SHARON SPRINGS	7,177				
NIOBRARA	7,279				
FORT HAYS	8,025				
CODELL	8,363				

Operator Comments:

Open hole logging exception, no open hole logs were run on this well; Cased hole neutron run on this well.
CBL corrections made by operator due to vendor losing large database files in a truck fire.
TOC comments from our Engineer: 7" TOC, lower amplitude and VDL indicating cement around pipe.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Cassie GonzalezTitle: Regulatory Technician Date: _____ Email: Cassie.Gonzalez@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402332614	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402332613	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>			
402332596	PDF-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402332598	LAS-MWD/LWD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402332600	PDF-NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402332601	LAS-NEUTRON	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402332602	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402332603	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402332615	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.	09/07/2016

Total: 1 comment(s)

