

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



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Document Number:  
400933249

Date Received:

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.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: 69175 Contact Name: Ally Gale  
Name of Operator: PDC ENERGY INC Phone: (303) 831-3931  
Address: 1775 SHERMAN STREET - STE 3000 Fax: (303) 860-5838  
City: DENVER State: CO Zip: 80203

API Number 05-123-41670-00 County: WELD  
Well Name: Collins Well Number: 18T-221  
Location: QtrQtr: SESE Section: 18 Township: 4N Range: 64W Meridian: 6  
Footage at surface: Distance: 234 feet Direction: FSL Distance: 850 feet Direction: FEL  
As Drilled Latitude: 40.305750 As Drilled Longitude: -104.587120

GPS Data:  
Date of Measurement: 08/20/2014 PDOP Reading: 1.7 GPS Instrument Operator's Name: Wyatt Hall

\*\* If directional footage at Top of Prod. Zone Dist.: 707 feet. Direction: FSL Dist.: 757 feet. Direction: FEL  
Sec: 18 Twp: 4N Rng: 64W

\*\* If directional footage at Bottom Hole Dist.: 707 feet. Direction: FSL Dist.: 757 feet. Direction: FEL  
Sec: 18 Twp: 4N Rng: 64W

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

Spud Date: (when the 1st bit hit the dirt) 11/02/2015 Date TD: 11/06/2015 Date Casing Set or D&A: 11/06/2015  
Rig Release Date: 11/07/2015 Per Rule 308A.b.

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

Total Depth MD 7227 TVD\*\* 6848 Plug Back Total Depth MD TVD\*\* 6308

Elevations GR 4781 KB 4794 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:  
No logs were run.

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	12+1/4	9+5/8	36	0	905	480	0	905	CALC

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date:

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
1 INCH	1ST	6,308	220	5,700	6,308

Details of work:

Kick plug: Top 5700', bottom 6308', 220 sacks, 37 bbls  
15.5 ppg cement class G, 1.18 cu ft/sack

### 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	

Comment:

While drilling the curve on Collins 18T-221 the pressure spiked and we were no longer able to drill. Depth reached was 7227'. We attempted to pull out of the hole to change the bit and motor. At 7000' we pulled tight. Attempted to free the drill string by pulling 350k lbs. It came free and we tripped out. On surface we found that 28 ft of motor and the bit were left in the hole. The top of the fish is at 6970'. More time efficient to plug and sidetrack rather than attempt to fish.

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

Signed: \_\_\_\_\_ Print Name: Ally Gale

Title: Regulatory Technician I Date: \_\_\_\_\_ Email: alexandria.gale@pdce.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
400933338	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400933344	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 type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
400933341	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)