

FORM  
5Rev  
02/08

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400326541

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

1. OGCC Operator Number: 69175

4. Contact Name: Jenifer Hakkarinen

2. Name of Operator: PDC ENERGY INC

Phone: (303) 8605800

3. Address: 1775 SHERMAN STREET - STE 3000

Fax: (303) 8605838

City: DENVER State: CO Zip: 80203

5. API Number 05-123-35168-00

6. County: WELD

7. Well Name: Thornton

Well Number: 19X-404

8. Location: QtrQtr: NESE Section: 19 Township: 7N Range: 66W Meridian: 6

Footage at surface: Distance: 1340 feet Direction: FSL Distance: 230 feet Direction: FEL

As Drilled Latitude: 40.556580 As Drilled Longitude: -104.812920

## GPS Data:

Date of Measurement: 07/13/2012 PDOP Reading: 2.2 GPS Instrument Operator's Name: Holly L. Tracy

\*\* If directional footage at Top of Prod. Zone Dist.: 1290 feet. Direction: FSL Dist.: 920 feet. Direction: FWL

Sec: 19 Twp: 7n Rng: 66w

\*\* If directional footage at Bottom Hole Dist.: 1260 feet. Direction: FSL Dist.: 473 feet. Direction: FEL

Sec: 19 Twp: 7n Rng: 66w

9. Field Name: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 04/07/2012 13. Date TD: 04/19/2012 14. Date Casing Set or D&amp;A: 04/23/2012

## 15. Well Classification:

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

16. Total Depth MD 12034 TVD\*\* 7357 17 Plug Back Total Depth MD 12034 TVD\*\* 7357

18. Elevations GR 4961 KB 4976

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

## 19. List Electric Logs Run:

CBL, GR

## 20. Casing, Liner and Cement:

## CASING

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	908	810	0	908	CALC
1ST	8+3/4	7	26	0	7,841	645	500	7,841	CBL
1ST LINER	6+1/4	4+1/2	11.6	7598	11,940				

**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:

21. Formation log intervals and test zones:

**FORMATION LOG INTERVALS AND TEST ZONES**

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
CODELL	7,443		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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

Signed: \_\_\_\_\_

Print Name: Jenifer Hakkarinen

Title: Regulatory Analyst

Date: \_\_\_\_\_

Email: Jenifer.Hakkarinen@pdce.com

**Attachment Check List**

Att Doc Num	Document Name	attached ?	
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**Attachment Checklist**

400326547	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400326549	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**

400326545	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400326546	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400326548	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

**General Comments****User Group****Comment****Comment Date**

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Total: 0 comment(s)