

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:

400325989

Date Received:

09/12/2012

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 05-123-35078-00

6. County: WELD

7. Well Name: Carmichael

Well Number: 26U-243

8. Location: QtrQtr: NENE Section: 26 Township: 7N Range: 63W Meridian: 6

Footage at surface: Distance: 100 feet Direction: FNL Distance: 1090 feet Direction: FEL

As Drilled Latitude: 40.551940 As Drilled Longitude: -104.397810

GPS Data:

Data of Measurement: 07/21/2012 PDOP Reading: 1.6 GPS Instrument Operator's Name: Holly L. Tracy

** If directional footage at Top of Prod. Zone Dist.: 959 feet. Direction: FNL Dist.: 170 feet. Direction: FWL

Sec: 26 Twp: 7N Rng: 63w

** If directional footage at Bottom Hole Dist.: 505 feet. Direction: FSL Dist.: 237 feet. Direction: FWL

Sec: 26 Twp: 7n Rng: 63w

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) 04/24/2012 13. Date TD: 05/05/2012 14. Date Casing Set or D&A: 05/06/2012

15. Well Classification:

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

16. Total Depth MD 11245 TVD** 6658 17 Plug Back Total Depth MD 11245 TVD** 6658

18. Elevations GR 4769 KB 4784

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	912	820	0	912	CALC
1ST	8+3/4	7	26	0	7,087	780	1,330	7,087	CBL
1ST LINER	6+1/4	4+1/2	11.6	6869	11,245				

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	
NIOBRARA	6,806		<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: 9/12/2012 Email: Jenifer.Hakkarinen@pdce.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
400325995	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400325996	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>					
400325989	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400325992	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400325994	LAS-GAMMA RAY	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400325999	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Engineer	Rec'd revised top of loner from operator, to 6869	11/8/2012 8:52:30 AM
Engineer	Emailed operator concerning the 36' gap between the bottom of the 1st string and the top of the 1st liner.	11/7/2012 2:11:04 PM
Permit	Off Hold. Corrected KB and GR elevations per operator.	10/24/2012 6:11:09 AM
Permit	On Hold. Requested clarification of elevation. Form ok to pass once corrected.	10/23/2012 2:43:25 PM

Total: 4 comment(s)