

FORM
5Rev
02/08State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400148466

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: Jeff Glossa

2. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION

Phone: (303) 831-3972

3. Address: 1775 SHERMAN STREET - STE 3000

Fax: (303) 860-5838

City: DENVER State: CO Zip: 80203

5. API Number 05-123-32122-00

6. County: WELD

7. Well Name: Carlson

Well Number: 23-2D

8. Location: QtrQtr: NESW Section: 2 Township: 6N Range: 66W Meridian: 6

Footage at surface: Distance: 2136 feet Direction: FSL Distance: 2571 feet Direction: FWL

As Drilled Latitude: 40.516030 As Drilled Longitude: -104.745530

GPS Data:

Data of Measurement: 12/29/2010 PDOP Reading: 1.5 GPS Instrument Operator's Name: Holly Tracy

** If directional footage at Top of Prod. Zone Dist.: 1969 feet. Direction: FSL Dist.: 2026 feet. Direction: FWL

Sec: 2 Twp: 6N Rng: 66W

** If directional footage at Bottom Hole Dist.: 1976 feet. Direction: FSL Dist.: 2025 feet. Direction: FWL

Sec: 2 Twp: 6N 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) 11/27/2010 13. Date TD: 12/01/2010 14. Date Casing Set or D&A: 12/01/2010

15. Well Classification:

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

16. Total Depth MD 7553 TVD** 7488 17 Plug Back Total Depth MD 7469 TVD** 7403

18. Elevations GR 4860 KB 4870

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, CNL/CDL/DIL

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	12+1/4	8+5/8			684	480		684	CALC
1ST	7+7/8	4+1/2			7,526	1,070		7,526	CBL

ADDITIONAL CEMENT

Cement work date: _____

Details of work: _____

Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom

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	
SUSSEX	3,822		<input type="checkbox"/>	<input type="checkbox"/>	
SHANNON	5,042		<input type="checkbox"/>	<input type="checkbox"/>	
NIOBRARA	7,058		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,360		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,381		<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: Jeff Glossa

Title: Sr Engineering Tech Date: _____ Email: jglossa@petd.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
	CMT Summary *	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400148470	Directional Survey **	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	DST Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400148471	Logs	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

General Comments

User Group Comment Comment Date

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Total: 0 comment(s)