

FORM 5A

Rev 02/08

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

COMPLETED INTERVAL REPORT

Document Number: 400189990

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 69175
2. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION
3. Address: 1775 SHERMAN STREET - STE 3000
City: DENVER State: CO Zip: 80203
4. Contact Name: Jeff Glossa
Phone: (303) 831-3972
Fax: (303) 860-5838

5. API Number 05-123-22231-00
6. County: WELD
7. Well Name: WELLS RANCH
Well Number: 13-33
8. Location: QtrQtr: NWSW Section: 33 Township: 6N Range: 63W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED

Treatment Date: 06/07/2011 Date of First Production this formation:

Perforations Top: 6812 Bottom: 6823 No. Holes: 48 Hole size: 13/32

Provide a brief summary of the formation treatment: Open Hole: [ ]

Re-Perf Codell 6812-6820 (24 new holes) Original perf 6813-6823' (24 holes)
Re-Frac'd Codell w/ 595 bbls of 26# pHaser pad, 2015 bbls of 26# pHaser, 217640# 30/50 Ottawa , 8000 lbs 20/40 SB Excel

This formation is commingled with another formation: [X] Yes [ ] No

Test Information:

Date: Hours: Bbls oil: Mcf Gas: Bbls H2O:

Calculated 24 hour rate: Bbls oil: Mcf Gas: Bbls H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: BTU Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production:

Date formation Abandoned: Squeeze: [ ] Yes [ ] No If yes, number of sacks cmt

Bridge Plug Depth: Sacks cement on top:

FORMATION: NIOBRARA-CODELL Status: PRODUCING

Treatment Date: \_\_\_\_\_ Date of First Production this formation: 06/17/2011

Perforations Top: 6535 Bottom: 6823 No. Holes: 72 Hole size: \_\_\_\_\_

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 06/30/2011 Hours: 24 Bbls oil: 24 Mcf Gas: 95 Bbls H2O: 21

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 24 Mcf Gas: 95 Bbls H2O: 21 GOR: 3958

Test Method: Flowing Casing PSI: 1700 Tubing PSI: 1000 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1280 API Gravity Oil: 47

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6795 Tbg setting date: 06/23/2011 Packer Depth: \_\_\_\_\_

Reason for Non-Production: \_\_\_\_\_

Date formation Abandoned: \_\_\_\_\_ Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

Bridge Plug Depth: \_\_\_\_\_ Sacks cement on top: \_\_\_\_\_

FORMATION: NIOBRARA Status: COMMINGLED

Treatment Date: 06/07/2011 Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6535 Bottom: 6645 No. Holes: 24 Hole size: 27/64

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Perf Niobrara "A" 6535-6537' (4 holes) Niobrara "B" 6637-6645' (24 holes)  
Frac'd Niobrara W/ 119 bbl active pad, 1548 bbls of slickwater pad, 143 bbls of pHaser 20# pad, 2257 bbls 20# pHaser, 238880#  
30/50 Ottawa, 12000 20/40 SB Excel

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ BTU Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

Reason for Non-Production: \_\_\_\_\_

Date formation Abandoned: \_\_\_\_\_ Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

Bridge Plug Depth: \_\_\_\_\_ Sacks cement on top: \_\_\_\_\_

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: 8/8/2011 Email: jpglossa@petd.com

### Attachment Check List

Att Doc Num	Name
400189990	FORM 5A SUBMITTED

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#### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

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