

FORM 5A

Rev 02/08

State of Colorado Oil and Gas Conservation Commission

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Table with 4 columns: DE, ET, OE, ES

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COMPLETED INTERVAL REPORT

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 05-123-20924-00
6. County: WELD
7. Well Name: NHF
Well Number: 21-9
8. Location: QtrQtr: NENW Section: 9 Township: 5N Range: 63W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED

Treatment Date: 02/07/2012 Date of First Production this formation:

Perforations Top: 6764 Bottom: 6772 No. Holes: 24 Hole size: 13/32

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

Reperf'd Codell , Re-Frac'd Codell w/ 119 bbls FE-1A pad, 595 bbl 26# pHaser pad, 1982 bbls 26# pHaser fluid system, 217070# 30/50 Ottawa, 8000# 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: 02/14/2012

Perforations Top: 6512 Bottom: 6772 No. Holes: 52 Hole size: \_\_\_\_\_

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

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 02/29/2012 Hours: 24 Bbls oil: 38 Mcf Gas: 201 Bbls H2O: 2

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 38 Mcf Gas: 201 Bbls H2O: 2 GOR: 5289

Test Method: Flowing Casing PSI: 250 Tubing PSI: \_\_\_\_\_ Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1220 API Gravity Oil: 45

Tubing Size: 2 + 3/8 Tubing Setting Depth: 6752 Tbg setting date: 03/08/2012 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: 02/07/2012 Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6512 Bottom: 6611 No. Holes: 28 Hole size: 27/64

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

Perf'd Niobrara "A" 6512-6514' (4 holes), Niobrara "B" 6603-6611 (24 holes) ReFrac'd Niobrara with 119 bbl active pad, 1548 bbls of Slickwater pad, 143 bbls of pHaser 20# pad, 2181 bbls of pHaser 20# fluid system, 238070# of 30/50 Preferred Rock, 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: 4/3/2012 Email: jpglossa@petd.com

### Attachment Check List

Att Doc Num	Name
400267923	FORM 5A SUBMITTED

Total Attach: 1 Files

#### General Comments

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

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