

FORM  
5A

Rev  
02/08

State of Colorado  
Oil and Gas Conservation Commission

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



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Document Number:

1667406

**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 4. Contact Name: LARRY ROBBINS  
2. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION Phone: \_\_\_\_\_  
3. Address: 1775 SHERMAN STREET - STE 3000 Fax: \_\_\_\_\_  
City: DENVER State: CO Zip: 80203

5. API Number 05-123-19319-00 6. County: WELD  
7. Well Name: HOSHIKO Well Number: 31-34  
8. Location: QtrQtr: NWNE Section: 34 Township: 6N Range: 65W Meridian: 6

Completed Interval

|   |                                      |   |  |
|---|--------------------------------------|---|--|
| FORMATION: <u>CODELL</u>  |                                      | Status: <u>N/A</u>  |  |
| Treatment Date: <u>09/15/2003</u>   |                                      | Date of First Production this formation: <u>09/15/2003</u>        |  |
| Perforations  | Top: <u>6973</u> Bottom: <u>6983</u> | No. Holes: <u>64</u>  | Hole size: <u>38/100</u>                               |
| Provide a brief summary of the formation treatment:   |                                      | Open Hole: <input type="checkbox"/>                               |  |
| REPERF CODELL 6974'-6982' (24 HOLES) REF CODELL WITH 643 BBLS OF VISTAR 24# PAD, 1923 BBLS OF VISTAR 24# FLUID SYSTEM, 217660 LBS OF 20/40 WHITE SAND AND 8000 LBS OF SUPER LC 20/40 RESIN COATED PROPPANT. |                                      |   |  |
| This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |                                      |   |  |
| <b>Test Information:</b>  |                                      |   |  |
| Date: <u>12/01/2003</u>   | Hours: <u>24</u>                     | Bbls oil: <u>12</u>   | Mcf Gas: <u>73</u> Bbls H2O: <u>3</u>                  |
| Calculated 24 hour rate:  |                                      | Bbls oil: <u>12</u>   | Mcf Gas: <u>73</u> Bbls H2O: <u>3</u> GOR: <u>6083</u> |
| Test Method: <u>FLOWING</u>   | Casing PSI: _____                    | Tubing PSI: _____   | Choke Size: _____                                      |
| Gas Disposition: <u>SOLD</u>  | Gas Type: <u>WET</u>                 | BTU Gas: <u>1274</u>  | API Gravity Oil: <u>50</u>                             |
| Tubing Size: <u>1.5</u>   | Tubing Setting Depth: <u>6967</u>    | Tbg setting date: <u>09/16/2003</u>                               | Packer Depth: _____                                    |
| Reason for Non-Production:<br>_____   |                                      |   |  |
| Date formation Abandoned: _____   |                                      | Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No | If yes, number of sacks cmt _____                      |
| Bridge Plug Depth: _____  |                                      | Sacks cement on top: _____  |  |

|   |   |   |                        |
|---|---|---|------------------------|
| FORMATION: <u>NIOBRARA</u>  |   | Status: <u>N/A</u>  |                        |
| Treatment Date: <u>12/03/2009</u>   |   | Date of First Production this formation: <u>12/03/2009</u>          |                        |
| Perforations  | Top: <u>6722</u>  | Bottom: <u>6872</u>   | No. Holes: <u>28</u>   |
|   |   | Hole size: <u>27/100</u>  |                        |
| Provide a brief summary of the formation treatment:   |   | Open Hole: <input type="checkbox"/>                                 |                        |
| PERF NIOBRARA "A" 6722'-6726' (4 HOLES) AND NIOBRARA "B" 6864'-6872' (24 HOLES) FRAC'D NIOBRARA USING 1000 GALS OF 15% HCL, 476 BBLs OF SLICKWATER PAD, 715 BBLs OF SILVERSTIM 22# PAD, 2150 BBLs OF SILVERSTIM 22# FLUID SYSTEM, 238140 LBS OF 30/50 WHITE SAND AND 12000 LBS OF SB EXCEL 20/40 RESIN COATED PROPPANT. |   |   |                        |
| This formation is commingled with another formation:  |   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                        |
| <b>Test Information:</b>  |   |   |                        |
| 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: <input type="checkbox"/> Yes <input type="checkbox"/> No | If yes, number of sacks cmt _____                                   |                        |
| Bridge Plug Depth: _____  | Sacks cement on top: _____  |   |                        |

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

Signed: \_\_\_\_\_ Print Name: LARRY ROBBINS

Title: REGULATORY AGENT Date: 3/24/2010 Email: LROBBINS@PETD.COM

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: *David G. Neslin* Director of COGCC Date: 6/21/2010