

FORM  
5A

Rev  
06/12

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400344985

Date Received:

11/09/2012

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: <u>69175</u>                  | 4. Contact Name: <u>Jenifer Hakkarinen</u> |
| 2. Name of Operator: <u>PDC ENERGY INC</u>             | Phone: <u>(303) 8605800</u>                |
| 3. Address: <u>1775 SHERMAN STREET - STE 3000</u>      | Fax: <u>(303) 8605838</u>                  |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u> |  |

|  |                           |
|--|---------------------------|
| 5. API Number <u>05-123-20280-00</u>   | 6. County: <u>WELD</u>    |
| 7. Well Name: <u>SEELE</u>   | Well Number: <u>42-31</u> |
| 8. Location: QtrQtr: <u>SENE</u> Section: <u>31</u> Township: <u>4N</u> Range: <u>67W</u> Meridian: <u>6</u> |                           |
| 9. Field Name: _____   | Field Code: _____         |

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/25/2012 End Date: 07/25/2012 Date of First Production this formation: 08/05/2012

Perforations Top: 7346 Bottom: 7354 No. Holes: 24 Hole size: 13/32

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

(217,160 lbs Preferred Rock) (8,000 lbs SBXL 20/40). RD HES. MTP = 3198 psi, ATP = 2942 psi, AIR = 19.4 bpm. Pressure response was slightly positive for entire treatment.

This formation is commingled with another formation:  Yes  No

|  |   |
|--|---|
| Total fluid used in treatment (bbl): <u>2617</u> | Max pressure during treatment (psi): <u>3198</u>  |
| Total gas used in treatment (mcf): _____         | Fluid density at initial fracture (lbs/gal): <u>8.63</u>                                |
| Type of gas used in treatment: _____             | Min frac gradient (psi/ft): <u>0.64</u>   |
| Total acid used in treatment (bbl): <u>119</u>   | Number of staged intervals: <u>1</u>  |
| Recycled water used in treatment (bbl): _____    | Flowback volume recovered (bbl): <u>1</u>   |
| Fresh water used in treatment (bbl): <u>2552</u> | Disposition method for flowback: <u>DISPOSAL</u>  |
| Total proppant used (lbs): <u>225160</u>         | Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/> |

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

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

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

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

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

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7336 Tbg setting date: 07/25/2012 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: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 08/05/2012

Perforations Top: 7070 Bottom: 7354 No. Holes: 52 Hole size: \_\_\_\_\_

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

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 1

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: DISPOSAL

Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 08/30/2012 Hours: 24 Bbl oil: 14 Mcf Gas: 112 Bbl H2O: 1

Calculated 24 hour rate: Bbl oil: 14 Mcf Gas: 112 Bbl H2O: 1 GOR: 8000

Test Method: Flowing Casing PSI: 817 Tubing PSI: 474 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1284 API Gravity Oil: 49

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7336 Tbg setting date: 07/25/2012 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: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 07/25/2012 End Date: 07/25/2102 Date of First Production this formation: 08/05/2012  
Perforations Top: 7070 Bottom: 7138 No. Holes: 28 Hole size: 27/64

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

Nio Bench "A" @ 7070-7072, Bench "B" @ 7130-7138, pressure response was slightly positive for entire treatment.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 4140 Max pressure during treatment (psi): 3198

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.63

Type of gas used in treatment: Min frac gradient (psi/ft): 0.94

Total acid used in treatment (bbl): Number of staged intervals: 1

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 1

Fresh water used in treatment (bbl): 4140 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 238080 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

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

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

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7336 Tbg setting date: 07/25/2012 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: \*\* Wireline and Cement Job Summary must be attached.

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: Regulatroy Analyst Date: 11/9/2012 Email: Jenifer.Hakkarinen@pdce.com

**Attachment Check List**

| Att Doc Num | Name              |
|-------------|-------------------|
| 400344985   | FORM 5A SUBMITTED |

Total Attach: 1 Files

**General Comments**

| User Group | Comment | Comment Date |
|------------|---------|--------------|
|            |         |              |

Total: 0 comment(s)