

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:

401327628

Date Received:

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: PDC ENERGY INC  
3. Address: 1775 SHERMAN STREET - STE 3000  
City: DENVER State: CO Zip: 80203  
4. Contact Name: Kelsi Welch  
Phone: (303) 831-3974  
Fax:  
Email: kelsi.welch@pdce.com

5. API Number 05-123-23063-00  
6. County: WELD  
7. Well Name: HOWARD LAKE  
Well Number: 42-9  
8. Location: QtrQtr: SENE Section: 9 Township: 6N Range: 64W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: ABANDONED Treatment Type:  
WELLBORE/COMPLETION  
Treatment Date: End Date: Date of First Production this formation: 07/25/2005  
Perforations Top: 7058 Bottom: 7066 No. Holes: 24 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):  
Fresh water used in treatment (bbl): Disposition method for flowback:  
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: 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: Tubing Setting Depth: Tbg setting date: Packer Depth:  
Reason for Non-Production: Plug set for offset frac  
Date formation Abandoned: 02/13/2017 Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt  
\*\* Bridge Plug Depth: 7008 \*\* Sacks cement on top: 2 \*\* Wireline and Cement Job Summary must be attached.

Comment:

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

Signed: \_\_\_\_\_ Print Name: Kelsi Welch

Title: Production Tech Date: \_\_\_\_\_ Email kelsi.welch@pdce.com  
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### Attachment Check List

**Att Doc Num**      **Name**

401327631	WIRELINE JOB SUMMARY
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Total Attach: 1 Files

### General Comments

**User Group**      **Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)