

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:
400493833

Date Received:
10/16/2013

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>Christine Brookshire</u>
2. Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(303) 860-5800</u>
3. Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: <u>(303) 860-5838</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>christine.brookshire@pdce.com</u>

5. API Number <u>05-123-35801-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Magnuson</u>	Well Number: <u>23L-421</u>
8. Location: QtrQtr: <u>SWSW</u> Section: <u>23</u> Township: <u>7N</u> Range: <u>66W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u>	Field Code: <u>90750</u>

Completed Interval

FORMATION: CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION
Treatment Date: 03/14/2013 End Date: 03/14/2013 Date of First Production this formation: 04/19/2013
Perforations Top: 8098 Bottom: 11846 No. Holes: _____ Hole size: _____
Provide a brief summary of the formation treatment: _____ Open Hole:

16 stage, max treatment pressue 7102, 3552000 20/40 Ottawa, 10580 20/40 SBXL
16 STAGE NIOBRARA B - HES
WEATHERFORD ZONE SELECT SLEEVE SYSTEM
FLUID TO RECOVER = BBLs 58,311
TOTAL 20/40 OTTAWA = LBS 3,360,920
TOTAL 20/40 SBXL = LBS192,280
IN FORMATION = LBS3,553,200
ISDP = PSI 4,142
5 MIN = PSI 4,061
FG = 1.0

This formation is commingled with another formation: Yes No
Total fluid used in treatment (bbl): 57673 Max pressure during treatment (psi): 7102
Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 8.34
Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.96
Total acid used in treatment (bbl): _____ Number of staged intervals: 16
Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): 2494
Fresh water used in treatment (bbl): 57673 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 3562580 Rule 805 green completion techniques were utilized:
Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 05/20/2013 Hours: 24 Bbl oil: 163 Mcf Gas: 271 Bbl H2O: 1663
Calculated 24 hour rate: Bbl oil: 163 Mcf Gas: 271 Bbl H2O: 69 GOR: 17
Test Method: Flowing Casing PSI: 1443 Tubing PSI: 545 Choke Size: 16/64
Gas Disposition: SOLD Gas Type: WET Btu Gas: 1277 API Gravity Oil: 44
Tubing Size: 2 + 3/8 Tubing Setting Depth: 7590 Tbg setting date: 04/18/2013 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: Christine Brookshire
Title: Regulatory Tech Date: 10/16/2013 Email: christine.brookshire@pdce.com

Attachment Check List

Att Doc Num	Name
400493833	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received frac summary and flowback vol. Ready to pass.	4/24/2014 1:54:20 PM
Permit	Uncemented sliding sleeve liner oompletion is open hole. Made that correction and removed data from 'no. holes' and 'hole size' fields. Requested more complete frac summary. Questioned 100% flowback.	4/23/2014 3:04:21 PM
Permit	Corrected GOR. Questioned 32 holes in 3800' of casing.	4/22/2014 2:30:28 PM

Total: 3 comment(s)