

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:

400501928

Date Received:

10/24/2013

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: 96155  
2. Name of Operator: WHITING OIL AND GAS CORPORATION  
3. Address: 1700 BROADWAY STE 2300  
City: DENVER State: CO Zip: 80290  
4. Contact Name: Pauleen Tobin  
Phone: (303) 837-1661  
Fax: (303) 390-4923  
Email: pollyt@whiting.com

5. API Number 05-123-36579-00  
6. County: WELD  
7. Well Name: Razor  
Well Number: 33-2813H  
8. Location: QtrQtr: SWSW Section: 33 Township: 10N Range: 58W Meridian: 6  
9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/21/2013 End Date: 05/28/2013 Date of First Production this formation: 06/01/2013

Perforations Top: 6128 Bottom: 12175 No. Holes: 600 Hole size:

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

32 stage pHaserFrac 24 system using 370,060# Premium 40/70 sand, 6,227,780# Premium 20/40 sand, 580,860# CRC 20/40, 150,760 bbls slickwater. See details on attached well bore diagram.

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): 150760 Max pressure during treatment (psi): 7815

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.33

Type of gas used in treatment: Min frac gradient (psi/ft): 0.79

Total acid used in treatment (bbl): 0 Number of staged intervals: 32

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 12050

Fresh water used in treatment (bbl): 150760 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 7178700 Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: PIPELINE

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 07/09/2013 Hours: 24 Bbl oil: 966 Mcf Gas: 620 Bbl H2O: 344

Calculated 24 hour rate: Bbl oil: 966 Mcf Gas: 620 Bbl H2O: 344 GOR: 642

Test Method: Separator Casing PSI: 440 Tubing PSI: 2900 Choke Size: 34/64

Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1518 API Gravity Oil: 37

Tubing Size: 2 + 7/8 Tubing Setting Depth: 4750 Tbg setting date: 10/24/2013 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:

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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: Pauleen Tobin

Title: Engineer Tech Date: 10/24/2013 Email pollyt@whiting.com  
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### **Attachment Check List**

**Att Doc Num**      **Name**

400501928	FORM 5A SUBMITTED
400502071	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

**User Group**      **Comment**      **Comment Date**

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Total: 0 comment(s)