

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:

400516092

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: 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

5. API Number 05-123-36702-00  
6. County: WELD  
7. Well Name: Horsetail  
Well Number: 18-0713H  
8. Location: QtrQtr: SWSW Section: 18 Township: 10N Range: 57W Meridian: 6  
9. Field Name: DJ HORIZONTAL NIOBRARA Field Code: 16950

Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 09/03/2013 End Date: 09/08/2013 Date of First Production this formation: 09/16/2013

Perforations Top: 6102 Bottom: 12346 No. Holes: 948 Hole size:

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

40 Stage 25# pHaserFrac system using 365,279# 40/70 Prem, 6,626,290# 20/40 Perm, 640,180# 20/40 CRC, 164,261 bbls gelled cond.

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

Total fluid used in treatment (bbl): 164261 Max pressure during treatment (psi): 8465

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): 0.82

Total acid used in treatment (bbl): 0 Number of staged intervals: 40

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 39065

Fresh water used in treatment (bbl): 164261 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 7631748 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: 10/01/2013 Hours: 24 Bbl oil: 482 Mcf Gas: 182 Bbl H2O: 599

Calculated 24 hour rate: Bbl oil: 482 Mcf Gas: 182 Bbl H2O: 599 GOR: 377

Test Method: Flowback Casing PSI: 350 Tubing PSI: Choke Size: 24/64

Gas Disposition: FLARED Gas Type: DRY Btu Gas: 1000 API Gravity Oil: 33

Tubing Size: Tubing Setting Depth: Tbg setting date: 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: \_\_\_\_\_

Email pollyt@whiting.com

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### **Attachment Check List**

**Att Doc Num**

**Name**

400520510

WELLBORE DIAGRAM

Total Attach: 1 Files

### **General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)