

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:  
400782226

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: <u>96155</u>	4. Contact Name: <u>Elvera Berryman</u>
2. Name of Operator: <u>WHITING OIL &amp; GAS CORPORATION</u>	Phone: <u>(303) 390-4221</u>
3. Address: <u>1700 BROADWAY STE 2300</u>	Fax: <u>(303) 390-1598</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80290</u>	Email: <u>elvera.berryman@whiting.com</u>

5. API Number <u>05-123-39201-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>Horsetail</u>	Well Number: <u>30F-3107</u>
8. Location: QtrQtr: <u>SENW</u> Section: <u>30</u> Township: <u>10N</u> Range: <u>57W</u> Meridian: <u>6</u>	
9. Field Name: <u>DJ HORIZONTAL NIOBRARA</u> Field Code: <u>16950</u>	

### Completed Interval

FORMATION: NIOBRARA Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/15/2015 End Date: 01/21/2015 Date of First Production this formation: 03/26/2015  
Perforations Top: 5997 Bottom: 12981 No. Holes: 1440 Hole size: 3/7

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

Cemented liner 40 staged intervals: SlickWater: 26402 bbl; pHaserFrac #22: 82808 bbl; 22# Linear Gel: 11791 bbl ;15% HCl: 131bbl, Fresh Water: 5798 bbl.  
Total Proppant: 6637636# 20/40 Ottawa; 111733# 40/70 Ottawa  
See attached Frac Summary Report and Wellbore Diagram for details.

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 126929 Max pressure during treatment (psi): 6697

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): 0.80

Total acid used in treatment (bbl): 131 Number of staged intervals: 40

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 30366

Fresh water used in treatment (bbl): 5798 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6749369 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized:

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

#### Test Information:

Date: 05/01/2015 Hours: 24 Bbl oil: 589 Mcf Gas: 1 Bbl H2O: 278

Calculated 24 hour rate: Bbl oil: 589 Mcf Gas: 1 Bbl H2O: 278 GOR: 2

Test Method: Separator Casing PSI: 0 Tubing PSI: 250 Choke Size:

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1356 API Gravity Oil: 35

Tubing Size: 2 + 3/8 Tubing Setting Depth: 5463 Tbg setting date: 03/29/2015 Packer Depth: 5450

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:

Landing Collar is a 13011'. Cement fills the hole from 13011' to TD.

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

Signed: Print Name: Elvera Berryman

Title: Engineer Tech Date: Email: elvera.berryman@whiting.com

### Attachment Check List

Att Doc Num	Name
400886839	WELLBORE DIAGRAM

Total Attach: 1 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)