


<b>FORM 5A</b> Rev 06/12	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
<b>COMPLETED INTERVAL REPORT</b>			Document Number: 400576790  Date Received:				
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> 2. Name of Operator: <u>WHITING OIL AND GAS CORPORATION</u> 3. Address: <u>1700 BROADWAY STE 2300</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80290</u>	4. Contact Name: <u>Pauleen Tobin</u> Phone: <u>(303) 837-1661</u> Fax: <u>(303) 390-4923</u> Email: <u>pollyt@whiting.com</u>
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5. API Number <u>05-123-37845-00</u> 7. Well Name: <u>Razor</u> 8. Location: QtrQtr: <u>NENE</u> Section: <u>21</u> Township: <u>10N</u> 9. Field Name: <u>DJ HORIZONTAL NIOBRARA</u> Field Code: <u>16950</u>	6. County: <u>WELD</u> Well Number: <u>21A-2814B</u> Range: <u>58W</u> Meridian: <u>6</u>
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**Completed Interval**

FORMATION: <u>NIOBRARA</u>	Status: <u>PRODUCING</u>	Treatment Type: <u>FRACTURE STIMULATION</u>
Treatment Date: <u>11/22/2013</u>	End Date: <u>12/04/2013</u>	Date of First Production this formation: <u>01/25/2014</u>
Perforations Top: <u>6203</u>	Bottom: <u>12721</u>	No. Holes: <u>1440</u> Hole size: <u>3/8</u>
Provide a brief summary of the formation treatment: <u>Open Hole: <input type="checkbox"/></u>		
Cemented Liner, 25# pHaserFrac: 361873# 40/70 Prem White, 6660398# 20/40 Prem White, 607886# CRC 20/40, 952 bbls 15 HCl, 159482 bbls clean volume pumped, total fluid 164659 bbls.		

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): <u>164659</u>	Max pressure during treatment (psi): <u>7186</u>
Total gas used in treatment (mcf): <u>0</u>	Fluid density at initial fracture (lbs/gal): <u>8.33</u>
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.80</u>
Total acid used in treatment (bbl): <u>952</u>	Number of staged intervals: <u>40</u>
Recycled water used in treatment (bbl): <u>0</u>	Flowback volume recovered (bbl): <u>65293</u>
Fresh water used in treatment (bbl): <u>159482</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>7630157</u>	Rule 805 green completion techniques were utilized: <input type="checkbox"/>
Reason why green completion not utilized: <u>PIPELINE</u>	

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

**Test Information:**

Date: <u>02/07/2014</u>	Hours: <u>24</u>	Bbl oil: <u>445</u>	Mcf Gas: <u>532</u>	Bbl H2O: <u>679</u>
Calculated 24 hour rate:	Bbl oil: <u>445</u>	Mcf Gas: <u>532</u>	Bbl H2O: <u>679</u>	GOR: <u>1195</u>
Test Method: <u>Flowing</u>	Casing PSI: <u>300</u>	Tubing PSI: <u>300</u>	Choke Size: <u>24/64</u>	
Gas Disposition: <u>FLARED</u>	Gas Type: <u>DRY</u>	Btu Gas: <u>1537</u>	API Gravity Oil: <u>37</u>	
Tubing Size: <u>2 + 7/8</u>	Tubing Setting Depth: <u>5075</u>	Tbg setting date: <u>02/17/2014</u>	Packer Depth: _____	
Reason for Non-Production: <span style="border: 1px solid black; display: inline-block; width: 600px; height: 20px;"></span>				
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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

<u>Att Doc Num</u>	<u>Name</u>
400576800	WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

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

Total: 0 comment(s)