

**FORM
5A**Rev
06/12**State of Colorado****Oil and Gas Conservation Commission**

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DE ET OE ES

Document Number:

400748384

Date Received:

12/09/2014

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 & 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 05-123-37876-00
6. County: WELD
7. Well Name: Razor
Well Number: 26K-3508B
8. Location: QtrQtr: NESW Section: 26 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: 07/21/2014 End Date: 07/29/2014 Date of First Production this formation: 09/17/2014
Perforations Top: 5982 Bottom: 12415 No. Holes: 1404 Hole size: 3/8

Provide a brief summary of the formation treatment:

Open Hole: ☐

39-stage 22#-24# 78492 bbl YF822LpH CMHPG XL Ziroconate Gel, 89643 bbl Linear Gel, 113518# 100 Mesh, 5355109# 16/30 white sand, 1002 bbls HCl (various strengths), 48439 bbl Slickwater.

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

Total fluid used in treatment (bbl): 217576

Max pressure during treatment (psi): 8824

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): 1002

Number of staged intervals: 39

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 17718

Fresh water used in treatment (bbl): 124963

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 5468627

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org**Test Information:**

Date: 10/18/2014 Hours: 24 Bbl oil: 309 Mcf Gas: 34 Bbl H2O: 72
Calculated 24 hour rate: Bbl oil: 309 Mcf Gas: 34 Bbl H2O: 72 GOR: 110
Test Method: Separator Casing PSI: 850 Tubing PSI: 300 Choke Size: 26/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1401 API Gravity Oil: 39
Tubing Size: 2 + 7/8 Tubing Setting Depth: 5706 Tbg setting date: 09/08/2014 Packer Depth: 5706

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: 12/9/2014 Email pollyt@whiting.com
:

Attachment Check List

Att Doc Num **Name**

400748384	FORM 5A SUBMITTED
400748391	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

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

Agency	Returned to draft per the operator's request.	6/24/2015 9:46:08 AM
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Total: 1 comment(s)