

FORM 5A

Rev 06/12

State of Colorado Oil and Gas Conservation Commission

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Table with columns DE, ET, OE, ES

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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: Elvera Berryman
Phone: (303) 390-4221
Fax: (303) 390-1598
Email: elvera.berryman@whiting.com

5. API Number 05-123-38044-00
6. County: WELD
7. Well Name: Razor Federal
Well Number: 26J-2309A
8. Location: QtrQtr: NWSE 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: 07/04/2014 End Date: 07/12/2014 Date of First Production this formation: 08/16/2014
Perforations Top: 6114 Bottom: 13434 No. Holes: 1440 Hole size: 3/8

Provide a brief summary of the formation treatment:

Open Hole: []

40 stage Clearstar 30 XL Gel 69103 bbl; 30# Linear Gel 16133 bbl; Slickwater 26187 bbl; 15% HCl 988 bbl. 16/30 White Sand: 3708580 lb; 20/40 White Sand: 1480680 lb; 40/70 White Sand: 145830 lb.

This formation is commingled with another formation: [] Yes [X] No

Total fluid used in treatment (bbl): 112411 Max pressure during treatment (psi): 7549
Total gas used in treatment (mcf): 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): 988 Number of staged intervals: 40
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 21556
Fresh water used in treatment (bbl): 111423 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 5335090 Rule 805 green completion techniques were utilized: [X]

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 10/15/2014 Hours: 24 Bbl oil: 388 Mcf Gas: 73 Bbl H2O: 242
Calculated 24 hour rate: Bbl oil: 388 Mcf Gas: 73 Bbl H2O: 242 GOR: 188
Test Method: Separator Casing PSI: 860 Tubing PSI: 360 Choke Size: 26/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1362 API Gravity Oil: 34
Tubing Size: 2 + 7/8 Tubing Setting Depth: 5712 Tbg setting date: 08/17/2014 Packer Depth: 5712

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:

Well drilled 32' passed 100' setback. Form 5A will be submitted documenting that the bottom 59' of wellbore will not produce. Landing Collar is a 13474'. Cement fills the hole from 13474' 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: Engineering Technician Date: 12/12/2014 Email: Engineering Technician
:

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400646360	FORM 5A SUBMITTED
400749618	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)