

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:

400885939

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.

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| 1. OGCC Operator Number: 96155 | 4. Contact Name: Elvera Berryman |
| 2. Name of Operator: WHITING OIL & GAS CORPORATION | Phone: (303) 390-4221 |
| 3. Address: 1700 BROADWAY STE 2300 | Fax: (303) 390-1598 |
| City: DENVER State: CO Zip: 80290 | Email: elvera.berryman@whiting.com |

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| 5. API Number 05-123-40411-00 | 6. County: WELD |
| 7. Well Name: Razor | Well Number: 29F-2007 |
| 8. Location: QtrQtr: SENW Section: 29 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: 09/28/2015 End Date: 10/02/2015 Date of First Production this formation: 10/20/2015
Perforations Top: 6266 Bottom: 13531 No. Holes: 1068 Hole size: 3/8
Provide a brief summary of the formation treatment: Open Hole: ☐

Cemented Liner 30 staged intervals. Fluid Type: Slickwater.
Total Clean Volume: 188026 bbl Slick Water; 657 bbl 15%HCL Acid.
Total Proppant Used: 4851071# 30/50 Premium White; 106807# 40/70 Premium White.
See attached wellbore diagram for details.

This formation is commingled with another formation: ☐ Yes ☒ No
Total fluid used in treatment (bbl): 188683 Max pressure during treatment (psi): 8167
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): 0.78
Total acid used in treatment (bbl): 657 Number of staged intervals: 30
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 16439
Fresh water used in treatment (bbl): 188026 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 4957878 Rule 805 green completion techniques were utilized: ☒
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 11/06/2015 Hours: 24 Bbl oil: 406 Mcf Gas: 123 Bbl H2O: 895
Calculated 24 hour rate: Bbl oil: 406 Mcf Gas: 123 Bbl H2O: 895 GOR: 303
Test Method: Separator Casing PSI: 60 Tubing PSI: 215 Choke Size: 30/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1553 API Gravity Oil: 56
Tubing Size: 2 + 7/8 Tubing Setting Depth: 5221 Tbg setting date: 10/18/2015 Packer Depth: 5211

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 13779'. Cement fills the hole from 13779' 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: Email: elvera.berryman@whiting.com

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------|
| 400958823 | WELLBORE DIAGRAM |

Total Attach: 1 Files

General Comments

| User Group | Comment | Comment Date |
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| | | |

Total: 0 comment(s)