

FORM
5ARev
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



DE	ET	OE	ES
----	----	----	----

Document Number:

400808905

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: 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 05-123-39523-00
 6. County: WELD
 7. Well Name: Razor
 Well Number: 21C-0908
 8. Location: QtrQtr: NENW Section: 21 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: 11/22/2014 End Date: 12/02/2014 Date of First Production this formation: 01/13/2015
 Perforations Top: 6236 Bottom: 13955 No. Holes: 1404 Hole size: 3/8

Provide a brief summary of the formation treatment:

Open Hole: ☐

40-stage Frac: 90212 bbl QuadraFrac XL Gel, 15293 bbl QuadraFrac Linear Gel, 6413341# 20/40 Wh snd, 119900# 40/70 Wh snd, 945 bbls 28% HCl, 28734 bbls Slickwater.

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

Total fluid used in treatment (bbl): 135184

Max pressure during treatment (psi): 7760

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): 945

Number of staged intervals: 40

Recycled water used in treatment (bbl): 0

Flowback volume recovered (bbl): 17793

Fresh water used in treatment (bbl): 135184

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 6533240

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 02/02/2015 Hours: 24 Bbl oil: 371 Mcf Gas: 337 Bbl H2O: 215
 Calculated 24 hour rate: Bbl oil: 371 Mcf Gas: 337 Bbl H2O: 215 GOR: 908
 Test Method: Separator Casing PSI: 870 Tubing PSI: 160 Choke Size: 40/64
 Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1832 API Gravity Oil: 33
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 5957 Tbg setting date: 12/30/2014 Packer Depth: 5957

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:

--

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

:

Attachment Check List

Att Doc Num

Name

400808917

WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

--	--	--

Total: 0 comment(s)