FORM 5A Rev 06/12

# State of Colorado
# Oil and Gas Conservation Commission

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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: Cara Mezydlo
Phone: (303) 876-7091
Fax: (720) 644-3658
Email: cara.mezydlo@whiting.com

5. API Number 05-103-11068-00
6. County: RIO BLANCO
7. Well Name: BOIES
Well Number: A-29D-D3
8. Location: QtrQtr: NWNW Section: 29 Township: 2S Range: 97W Meridian: 6
9. Field Name: SULPHUR CREEK Field Code: 80090

## Completed Interval

FORMATION: COZZETTE Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/05/2008 End Date: 03/05/2008 Date of First Production this formation: 03/10/2008

Perforations Top: 10135 Bottom: 10345 No. Holes: 23 Hole size: 0.43

Provide a brief summary of the formation treatment: Open Hole: ☐

10135-10345' 187800# 30/50 Ottawa sand, 4469 bbls slick water

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

Total fluid used in treatment (bbl): 4469
Max pressure during treatment (psi): 7782
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): 0.71
Total acid used in treatment (bbl): 0
Number of staged intervals: 1
Recycled water used in treatment (bbl): 0
Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): 4469
Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 187800
Rule 805 green completion techniques were utilized: ☒
Reason why green completion not utilized:

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

**Test Information:**

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

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.

FORMATION: CORCORAN Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/04/2008 End Date: 03/05/2008 Date of First Production this formation: 03/10/2008

Perforations Top: 10493 Bottom: 10979 No. Holes: 40 Hole size: 0.43

Provide a brief summary of the formation treatment: Open Hole: ☐

10493-10727' - 55000# 20/40 Ottawa sand, 1608 bbls slick water
10764-10979' - 136000# 20/40 Ottawa sand, 3470 bbls slick water

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

Total fluid used in treatment (bbl): 5078 Max pressure during treatment (psi): 8357

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): 0.66

Total acid used in treatment (bbl): 0 Number of staged intervals: 2

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): 5078 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 191000 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

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

**Test Information:**

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

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.

FORMATION: WILLIAMS FORK - CAMEO Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/09/2008 End Date: 05/29/2008 Date of First Production this formation: 03/10/2008

Perforations Top: 8337 Bottom: 9934 No. Holes: 99 Hole size: 0.35

Provide a brief summary of the formation treatment: Open Hole: ☐

8337-8531' - 170540# 30/50 Ottawa sand, 3981 bbls slick water (0.43 hole size)
8587-8785' - 85449# 30/50 Ottawa sand, 2241 bbls slick water (0.43 hole size)
8976-9256' - 459200# 30/50 Ottawa sand, 3244 bbls slick water (0.43 hole size)
9326-9477' - 103500# 30/50 Ottawa sand, 2589 bbls slick water (0.35 hole size)
9564-9934' - 100900# 30/50 Ottawa sand, 2549 bbls slick water (0.35 hole size)

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

Total fluid used in treatment (bbl): 14604 Max pressure during treatment (psi): 8238

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): 0.57

Total acid used in treatment (bbl): 0 Number of staged intervals: 4

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): 14604 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 919589 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

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

**Test Information:**

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:

Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:

Test Method: Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:

Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

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.

FORMATION: WILLIAMS FORK-ILES Status: COMMINGLED Treatment Type:

Treatment Date: End Date: Date of First Production this formation: 03/10/2008

Perforations Top: 8337 Bottom: 10979 No. Holes: 160 Hole size:

Provide a brief summary of the formation treatment: Open Hole: ☐

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

Total fluid used in treatment (bbl): Max pressure during treatment (psi):

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: Min frac gradient (psi/ft):

Total acid used in treatment (bbl): Number of staged intervals:

Recycled water used in treatment (bbl): Flowback volume recovered (bbl): 24151

Fresh water used in treatment (bbl): Disposition method for flowback:

Total proppant used (lbs): Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

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

**Test Information:**

Date: 06/30/2008 Hours: 24 Bbl oil: 1 Mcf Gas: 770 Bbl H2O: 85

Calculated 24 hour rate: Bbl oil: 1 Mcf Gas: 770 Bbl H2O: 85 GOR: 77000

Test Method: Separator/EFM Casing PSI: 851 Tubing PSI: 450 Choke Size: 24/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1065 API Gravity Oil: 52

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8285 Tbg setting date: 06/06/2008 Packer Depth:

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:

Re-filing form 5A to correct zones reported as flowing (to clear up errors on production reporting on form 7). Each zone was fracture stimulated individually, but flowed back and produced together. Flowback volume shown is the total recovered from all fracture stimulations.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Print Name: Cara Mezydlo

Title: Engineering tech Date: Email: cara.mezydlo@whiting.com

## Attachment Check List

| Att Doc Num | Name |
|---|---|
| 400841410 | WELLBORE DIAGRAM |

Total Attach: 1 Files

## General Comments

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

Total: 0 comment(s)