

**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:  
400562177

Date Received:  
02/27/2014

**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: <u>57667</u>	4. Contact Name: <u>CLAYTON DOKE</u>
2. Name of Operator: <u>MINERAL RESOURCES, INC.</u>	Phone: <u>(720) 420-5700</u>
3. Address: <u>PO BOX 328</u>	Fax: <u>(720) 420-5800</u>
City: <u>GREELEY</u> State: <u>CO</u> Zip: <u>80632</u>	Email: <u>clay.doke@iptenergyservices.com</u>

5. API Number <u>05-123-24211-00</u>	6. County: <u>WELD</u>
7. Well Name: <u>DISTRICT SIX</u>	Well Number: <u>C6</u>
8. Location: QtrQtr: <u>NENE</u> Section: <u>20</u> Township: <u>5N</u> Range: <u>65W</u> Meridian: <u>6</u>	
9. Field Name: <u>WATTENBERG</u> Field Code: <u>90750</u>	

**Completed Interval**

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/03/2011 End Date: 04/03/2011 Date of First Production this formation: \_\_\_\_\_  
Perforations Top: 8124 Bottom: 8134 No. Holes: 40 Hole size: 042/100

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:

Re-frac CODL w/ 149,646 gal fluid and 300,120# 20/40 sand (22,957 gal SW, 126,689 gal xlink gel)  
ISIP=1975, ISDP=3880, ATP=4036, ATR=21.2

This formation is commingled with another formation:  Yes  No

Total fluid used in treatment (bbl): 3563 Max pressure during treatment (psi): 5393

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): 0.72

Total acid used in treatment (bbl): 0 Number of staged intervals: 1

Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 540

Fresh water used in treatment (bbl): 3563 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 300120 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: NIOBRARA-CODELL Status: PRODUCING Treatment Type: \_\_\_\_\_

Treatment Date: \_\_\_\_\_ End Date: \_\_\_\_\_ Date of First Production this formation: 04/12/2011

Perforations Top: 7828 Bottom: 8134 No. Holes: 88 Hole size: 042/100

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): \_\_\_\_\_

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: 04/24/2011 Hours: 24 Bbl oil: 28 Mcf Gas: 103 Bbl H2O: 24

Calculated 24 hour rate: Bbl oil: 28 Mcf Gas: 103 Bbl H2O: 24 GOR: 3678

Test Method: FLOWING Casing PSI: 1540 Tubing PSI: 1420 Choke Size: 014/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1272 API Gravity Oil: 63

Tubing Size: 2 + 3/8 Tubing Setting Depth: 8108 Tbg setting date: 07/22/2011 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: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 04/03/2011 End Date: 04/03/2011 Date of First Production this formation:
Perforations Top: 7828 Bottom: 7964 No. Holes: 48 Hole size: 042/100

Provide a brief summary of the formation treatment: Open Hole: [ ]

Perf. Frac NBRR A [7,828'-7,834'] & NBRR B [7,958'-7,964'] w/ 181,159 gal fluid (70,237 gal SLKW, 110,922 gal XLG)& 295,620# sand (241,500# 20/40 & 54,120# 40/70) ISIP=3550, ISDP=3820, ATP=5320, ATR=49.3

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

Total fluid used in treatment (bbl): 4313 Max pressure during treatment (psi): 5921
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 10.00
Type of gas used in treatment: Min frac gradient (psi/ft): 0.97
Total acid used in treatment (bbl): 0 Number of staged intervals: 1
Recycled water used in treatment (bbl): 0 Flowback volume recovered (bbl): 540
Fresh water used in treatment (bbl): 4313 Disposition method for flowback: DISPOSAL
Total proppant used (lbs): 295620 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: 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.

Comment:

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

Signed: Print Name: CLAYTON DOKE
Title: SENIOR ENGINEER Date: 2/27/2014 Email: clay.doke@iptenergyservices.com

Attachment Check List

Table with 2 columns: Att Doc Num, Name. Rows: 400562177 FORM 5A SUBMITTED, 400562266 WELLBORE DIAGRAM

Total Attach: 2 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)