

FORM  
5A

Rev  
02/08

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400125626

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: 57667

4. Contact Name: CLAYTON DOKE

2. Name of Operator: MINERAL RESOURCES, INC.

Phone: (970) 669-7411

3. Address: PO BOX 328

Fax: (970) 669-4077

City: GREELEY State: CO Zip: 80632

5. API Number 05-123-32202-00

6. County: WELD

7. Well Name: THERMO

Well Number: 5-5-32

8. Location: QtrQtr: SWSE Section: 32 Township: 6N Range: 65W Meridian: 6

9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL

Status: COMMINGLED

Treatment Date: 12/16/2010

Date of First Production this formation:

Perforations Top: 7225 Bottom: 7235 No. Holes: 40 Hole size: 4/10

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac'd CODL w/ 97,663 gal pHaserFrac (83,614 gal SLF) & 250,040# 30/50. ATP= 5176 psi, ATR= 51.2 BPM. TP,max=5532 psi, TR,max= 53.5 BPM.

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

Test Information:

Date: Hours: Bbls oil: Mcf Gas: Bbls H2O:

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

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

Gas Disposition: SOLD Gas Type: WET 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:

FORMATION: NIOBRARA-CODELL

Status: PRODUCING

Treatment Date: \_\_\_\_\_

Date of First Production this formation: 01/01/2011

Perforations Top: 6951 Bottom: 7235 No. Holes: 100 Hole size: \_\_\_\_\_

Provide a brief summary of the formation treatment:

Open Hole: ☐This formation is commingled with another formation: ☐ Yes ☒ No**Test Information:**

Date: 01/20/2011 Hours: 24 Bbls oil: 51 Mcf Gas: 190 Bbls H2O: 0

Calculated 24 hour rate: Bbls oil: 51 Mcf Gas: 190 Bbls H2O: 0 GOR: 3725

Test Method: FLOWING Casing PSI: 1800 Tubing PSI: \_\_\_\_\_ Choke Size: 12/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1310 API Gravity Oil: 52

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: \_\_\_\_\_

FORMATION: NIOBRARA

Status: COMMINGLED

Treatment Date: 12/20/2010

Date of First Production this formation: \_\_\_\_\_

Perforations Top: 6951 Bottom: 7060 No. Holes: 60 Hole size: 2/3

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac'd NBRR A 6951'-6960', NBRR B 7054'-7060' w/ total sand 295,120 #, Total SLF 191604 gals : Pumped 86,668 gal gel and 104,916 gals slickwater containing 53,900 # 40/70 SND followed with 240,680 # 30/50 SND.

This formation is commingled with another formation: ☒ Yes ☐ No**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H2O: \_\_\_\_\_

Calculated 24 hour rate: Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls 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: \_\_\_\_\_

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: ENGINEER Date: 9/27/2011 Email: cdoke@petersonenergy.com

### Attachment Check List

Att Doc Num	Name
400125626	FORM 5A SUBMITTED

Total Attach: 1 Files

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