

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:

400217905

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: 46290 4. Contact Name: Sherry Glass  
 2. Name of Operator: K P KAUFFMAN COMPANY INC Phone: (303) 825-4822  
 3. Address: 1675 BROADWAY, STE 2800 Fax: (303) 825-4825  
 City: DENVER State: CO Zip: 80202

5. API Number 05-123-32751-00 6. County: WELD  
 7. Well Name: Front Range Well Number: #11-17-5  
 8. Location: QtrQtr: NESW Section: 17 Township: 4N Range: 66W Meridian: 6  
 9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED

Treatment Date: 08/26/2011 Date of First Production this formation: 10/11/2011

Perforations Top: 7575 Bottom: 7595 No. Holes: 80 Hole size: 042/100

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

NEW CODELL FRAC.  
 capacity 117 bbls  
 MIRUH call for max press 6000 psi kickouts 5800 psi  
 begin active pad formation break 3647 psi @4.6 bpm  
 isip 2585 psi 1 min 2375psi 5 min 2122psi leakoff 463 psi  
 begin FR water pad 762 bbls @4035 psi @ 40.1 bpm.  
 begin phaser frac pad 119 bbls @4226 psi @39.4 bpm.  
 pump 1 thru 4 ppg .  
 249,215# preferred rock 20/40  
 8,00# SB Excel 20/40 2237.1bblsphaser 2117.2 SLF.  
 ISIP -3547 PSI PRESS AFTER 5 MIN -3292 PSI.  
 AVG PRESS 4101 PSI RATE 40.9 BPM.  
 MAX PRESS 5121 PSI RATE 41.7 BPM

This formation is commingled with another formation:  Yes  No

Test Information:

Date: 10/16/2011 Hours: 24 Bbls oil: 24 Mcf Gas: 316 Bbls H2O: 0

Calculated 24 hour rate: Bbls oil: 24 Mcf Gas: 316 Bbls H2O: 0 GOR: 13167

Test Method: flowing Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: SOLD Gas Type: \_\_\_\_\_ BTU Gas: 1233 API Gravity Oil: 57

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: \_\_\_\_\_

Perforations Top: 7365 Bottom: 7595 No. Holes: 160 Hole size: \_\_\_\_\_

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

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: \_\_\_\_\_

FORMATION: NIOBRARA

Status: COMMINGLED

Treatment Date: 08/27/2011

Date of First Production this formation: 10/11/2011

Perforations Top: 7365 Bottom: 7385 No. Holes: 80 Hole size: 042/100

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

1  
Open well 2289 psi on well begin active pad formation  
break 4742 psi isip 3664 psi 1 min 3419 psi 5 min 3275 psi

2  
pumped 119 bbls  
begin FR water pad pump 1429 bb  
bbls leakoff 389 psi  
@ 50.7 bpm 4356 psi.

3  
begin pHaser frac pad pump 143 bbls@50.1 bpm@ 4380 psi.

4  
begin pHaser frac pump 167 bbls 7000 # 30/50 1 ppg  
at 4500 psi.

5  
begin phaser frac pump 786 bbls 66000 # 30/50 2ppg @50.0 bpm/4486 psi

6  
begin phaser frac pump 524 bbls 66000 # 30/50 3 ppg @ 50.1 at 4302 psi

7  
begin phaser frac pump 310 bbls 39000 # 30/50 3 ppg@ 50.0 bpm at 4400 psi.

8  
begin phaser frca pump 238 bbls 4000# 30/50 4 ppg @50.2 bpm at 4395 psi.

9  
begin phaser frac pump 143 bbls 24000 # 30/50 4ppg 50.0 bpm at 4329 psi.

10  
begin phaser frac pump 48 b bls 8000 # SB Ecel 20/40 4 ppg @ 49.9 bpm.

11  
Flush 119 bbls.  
50.0 bpm@4680 psi.  
ISIP 3546 PSI  
5 MIN .3296 PSI SHUT WELL IN.  
AVG PRESS 4451 PSI RATE 50.1 BPM  
MAX PRESS 5024 PSI RATE 50.9 BPM.  
Ppumped 245,011# 30/50 ottawa 8,000 # SB Excel 20/40 sand  
117.3 BBLS ACIVE FLUID PAD  
2377.5 BBLS PHASER.  
2232.5 BBLS SLF.  
LOAD TO RECOVER 4095.7 BBLS.

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 10/16/2011 Hours: 24 Bbls oil: 24 Mcf Gas: 315 Bbls H2O: 1  
 Calculated 24 hour rate: Bbls oil: 24 Mcf Gas: 315 Bbls H2O: 1 GOR: 13125  
 Test Method: flowing Casing PSI: Tubing PSI: Choke Size:  
 Gas Disposition: SOLD Gas Type: BTU Gas: 1233 API Gravity Oil: 57  
 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:**

DCP installed gas line after delay, ROW negotiated with landowner, access negotiated with landowner.

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

Signed: \_\_\_\_\_ Print Name: Sherry Glass  
Title: Engineering Technician Date: 11/8/2011 Email: sglass@kpk.com  
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**Attachment Check List**

Att Doc Num	Name
400217905	FORM 5A SUBMITTED
400217945	OPERATIONS SUMMARY

Total Attach: 2 Files

**General Comments**

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

Total: 0 comment(s)