

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:

400325209

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

5. API Number 05-005-06958-00  
6. County: ARAPAHOE  
7. Well Name: MURPHY  
Well Number: #31-3  
8. Location: QtrQtr: NESE Section: 31 Township: 4S Range: 63W Meridian: 6  
9. Field Name: BOMBING RANGE Field Code: 7155

Completed Interval

FORMATION: <u>J-3 SAND</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>09/07/2012</u>		End Date: <u>09/07/2012</u>		Date of First Production this formation: <u>09/21/2012</u>	
Perforations	Top: <u>8052</u>	Bottom: <u>8060</u>	No. Holes: <u>32</u>	Hole size: <u>3/7</u>	

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

Break at 1503 psi and 1.6 bpm  
 ISIP 1808 psi, 1 min 1505 psi, 5 min 1347 psi, IFG 0.658psi/ft  
 FSIP 2314 psi, 1 min 2194 psi, 5 min 1904 psi, 10 min 1819 psi, FFG 0.72 psi/ft  
 Average 4413 psi, 20 bpm  
 Max 4648 psi, 20.3 bpm  
  
 Design change  
 Add cross link pad 5000 gal to 15,000 gal  
 HP 8000, 4 grizzlies

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

Total fluid used in treatment (bbl): <u>1357</u>	Max pressure during treatment (psi): <u>4648</u>
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): _____
Type of gas used in treatment: _____	Min frac gradient (psi/ft): <u>0.72</u>
Total acid used in treatment (bbl): _____	Number of staged intervals: <u>1</u>
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): <u>1357</u>
Fresh water used in treatment (bbl): <u>3891</u>	Disposition method for flowback: <u>DISPOSAL</u>
Total proppant used (lbs): <u>60225</u>	Rule 805 green completion techniques were utilized: <input type="checkbox"/>

Reason why green completion not utilized: \_\_\_\_\_

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

**Test Information:**

Date: <u>09/20/2012</u>	Hours: <u>24</u>	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>38</u>
Calculated 24 hour rate:	Bbl oil: <u>0</u>	Mcf Gas: <u>0</u>	Bbl H2O: <u>38</u>	GOR: _____
Test Method: <u>Flow</u>	Casing PSI: _____	Tubing PSI: _____	Choke Size: _____	
Gas Disposition: <u>SOLD</u>	Gas Type: <u>DRY</u>	Btu Gas: <u>1725</u>	API Gravity Oil: <u>40</u>	
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: J SAND Status: PLUGGED AND ABANDONED Treatment Type: \_\_\_\_\_

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

Perforations Top: 8004 Bottom: 8035 No. Holes: 27 Hole size: 3/7

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: \_\_\_\_\_ 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: The formation was depleted and the J-3 was fraced.

Date formation Abandoned: 07/05/2012 Squeeze: ☒ Yes ☐ No If yes, number of sacks cmt 117

\*\* Bridge Plug Depth: 8042 \*\* Sacks cement on top: 117 \*\* 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: Susana Lara-Mesa

Title: Engineering Project Mgr Date: \_\_\_\_\_ Email: slaramesa@kpk.com

**Attachment Check List**

Att Doc Num	Name
400325739	WELLBORE DIAGRAM
400331765	CEMENT JOB SUMMARY
400331766	CEMENT JOB SUMMARY
400331767	CEMENT JOB SUMMARY

Total Attach: 4 Files

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)