

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:

400311259

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 05-123-11673-00  
6. County: WELD  
7. Well Name: Loeffler  
Well Number: #1-18  
8. Location: QtrQtr: NWNW Section: 1 Township: 4N Range: 66W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type:  
Treatment Date: End Date: Date of First Production this formation: 04/07/1984  
Perforations Top: 7143 Bottom: 7155 No. Holes: 48 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: Max 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:  
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: 04/07/1984

Perforations Top: 6835 Bottom: 7155 No. Holes: 168 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: \_\_\_\_\_ Max 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: 03/03/2012 Hours: 24 Bbl oil: 13 Mcf Gas: 131 Bbl H2O: 3

Calculated 24 hour rate: Bbl oil: 13 Mcf Gas: 131 Bbl H2O: 3 GOR: \_\_\_\_\_

Test Method: Flow Casing PSI: 1300 Tubing PSI: 1200 Choke Size: \_\_\_\_\_

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1281 API Gravity Oil: 62

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7116 Tbg setting date: 03/03/2012 Packer Depth: 6705

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: 02/04/2012		End Date: 02/04/2012		Date of First Production this formation: 04/05/1984	
Perforations	Top: 6842	Bottom: 6958	No. Holes: 123	Hole size: 3/7	

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

Open Well @ 1:59 pm load well begin pumping FR Load and break @5 psi formation break @3954 psi at 3.1 bpm begin pumping 24 BBLS 15% HCL acid @ 3979 psi @4.5 bpm isip- 33285 psi ifg-0.885 psi/ft 5min -2384 psi leakoff 901 psi Resume pump FR water pad @2258 psi begin pumping SilverStim Pad@6087 psi at 17.9 bpm begin pumping 1.0 ppg sand@6015 psi at 21.3 bpm 1.0 ppg sand on formation @5939 psi at 21.2 bpm on formation @5872 psi at 21.3 bpm Resume pumping 2.0 ppg @5863 psi 21.4bpm ISSUES WITH BLENDER ENGINE, CUT SCREWS.FLUSH WELL@ 6073 PSI AT 20.8 BPM COME OFFLINE @ 3601 PSI. CHANGE OUT BLENDER. Begin pumping x-linked gel @3327 psi Begin pumping 3.0 ppg sand @6066 psi at 22.1 bpm. 3.0 ppg sand on formation @6029 psi at 21.8 bpm. Begin pumping 4.0 ppg sand @ 6048 psi at 21.9 bpm. 4.0 ppg sand on formation Flush tubing @ 6019 psi at 22.1 bpm. ISIP. 3612 PSI 5 MIN 3482 PSI. 10 MIN 3460 PSI / 152 psi leakoff. Average press 6042 psi Rate 21.2 bpm. MAX Press 6449 psi MAX Rate 22.5 bpm. SLF 2482.1 bbls Total sand 250,340 # Ottawa 30/50.

This formation is commingled with another formation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Total fluid used in treatment (bbl): 4568		Max pressure during treatment (psi): 6449	
Total gas used in treatment (mcf):		Fluid density at initial fracture (lbs/gal):	
Type of gas used in treatment:		Max frac gradient (psi/ft): 0.96	
Total acid used in treatment (bbl): 24		Number of staged intervals: 1	
Recycled water used in treatment (bbl):		Flowback volume recovered (bbl): 494	
Fresh water used in treatment (bbl): 5309		Disposition method for flowback: DISPOSAL	
Total proppant used (lbs): 270360		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: _____	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: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
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**\*\* 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: Susana Lara-Mesa

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

### Attachment Check List

Att Doc Num	Name
400311502	WELLBORE DIAGRAM

Total Attach: 1 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)