

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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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 05-123-12420-00
6. County: WELD
7. Well Name: MAUL
Well Number: 20-2
8. Location: QtrQtr: SENE Section: 20 Township: 1N Range: 65W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 05/17/2012 End Date: 05/17/2012 Date of First Production this formation: 06/02/2012

Perforations Top: 7356 Bottom: 7370 No. Holes: 42 Hole size: 3/7

Provide a brief summary of the formation treatment:

Open Hole: ☐

9 psi load and break formation 3918 psi 2.0 bpm pump
1000 gal 15%HCL acid 4585 psi-10.5 bpm let acid soak.
ISIP 2665 psi 1 min 2644 psi 5 min 2585 psi leakoff 59 psi.
begin FR water Pad @ 3925 psi @10.5 bpm begin Linear gel
with 0.25 ppg 30/50 Ottawa @6513 psi @ 23.9 bpm 0.25 ppg
on formation @6415 psi @23.8 bpm begin ramped 1.50 ppg
Ottawa 30/50 @6063 psi @24.0 bpm begin ramped 2.0 ppg
Ottawa @5688 psi @24.1 bpm begin ramped 3.0 ppg Ottawa
30/50 @ 5741 psi @ 24.1 bpm begin 4.0 ppg CRC @5718 psi
at 24.1 bpm mark flush pump 47 bbls FR water 5 bbls over flush.
ISIP 3128 PSI 5 MIN 2993 PSI 10 MIN 2955 PSI LEAKOFF 38 PSI.
AVG PRESS 5808 PSI RATE 22.2 BPM MAX PRESS 6993 PSI .
RATE 24.4 BPM PUMPED 1190.0 BBLS FR Water 2029.9 BBLS
SLF. 140,900 # 30/50 Ottawa 10,000 # CRC.
LOAD TO RECOVER 3312.8 BBLS.

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

Total fluid used in treatment (bbl): 3313

Max pressure during treatment (psi): 6993

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Number of staged intervals:

Total acid used in treatment (bbl): 24

Max frac gradient (psi/ft): 0.85

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl): 1308

Fresh water used in treatment (bbl): 3421

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 150900

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/07/2012 Hours: 24 Bbl oil: 10 Mcf Gas: 15 Bbl H2O: 2

Calculated 24 hour rate: Bbl oil: 10 Mcf Gas: 15 Bbl H2O: 2 GOR:

Test Method: Flow Casing PSI: 185 Tubing PSI: 185 Choke Size:

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1148 API Gravity Oil: 49

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: Susana Lara-Mesa

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

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

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

Total: 0 comment(s)