

FORM
5A

Rev
02/08

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:

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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

4. Contact Name: Susana Lara-Mesa

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 05-123-35082-00

6. County: WELD

7. Well Name: Sunmarke

Well Number: 19-28-13

8. Location: QtrQtr: SESW Section: 28

Township: 4N

Range: 67W

Meridian: 6

9. Field Name: WATTENBERG

Field Code: 90750

Completed Interval

FORMATION: NIOBRARA-CODELL

Status: PRODUCING

Treatment Date: 03/23/2012

Date of First Production this formation: 04/18/2012

Perforations Top: 7109 Bottom: 7407 No. Holes: 132 Hole size: 3/7

Provide a brief summary of the formation treatment:

Open Hole: ☐**CODELL FRAC**

Formation break at 2917 psi at 2.3 bpm. ISIP 2453 psi, 1 min 2323 psi, 5 min 2209 psi.

Active pad 2357 psi 3.32 bpm start FR water pad 3059 psi at 10.5 bpm

0.25-0.75 ppg 30/50 Ottawa sand 3975 psi and 51.5 bpm

0.75-1.25 ppg 30/50 Ottawa sand at 3943 psi at 51.1 bpm.

1.25-1.50 ppg 30/50 Ottawa sand at 3942 psi at 52.09 bpm

1.50-1.75 ppg 30/50 Ottawa sand at 3945 psi at 52.05 bpm.

Flush 4046 psi at 52.16 bpm, acid at 3840 psi at 25.51 bpm, displacement at 3494 psi 11.74 bpm

FSIP 30.70 psi, 1 min 3063 psi, 5 min 3033 psi, 10 min 3008 psi

Pumped 4553.1 bbls FR water 3240.8 bbls SLF

Avg press 3929 psi, avg rate 48.66 bpm, max press 4655 psi, max rate 52.37 bpm

NIOBRARA FRAC

Formation break 3076 psi at 1.5 bpm. ISIP 3055 psi, 1 min 3042 psi, 5 min 3013 psi.

0.25-0.75 ppg 30/50 Ottawa sand at 3963 psi at 50.81 bpm

0.75-1.25 ppg 30/50 Ottawa sand at 3945 psi at 50.32 bpm

1.25-1.50 ppg 30/50 Ottawa sand at 3853 psi at 50.52 bpm

1.50-1.75 ppg 30/50 Ottawa sand at 3858 psi at 50.5 bpm

FSIP 3287 psi, 1 min 3243 psi, 5 min 3217 psi, 10 min 3198 psi.

Pumped 5180.3 bbls FR Water 3987.5 bbls SLF

Avg press 3879 psi, avg rate 50.1 bpm, max press 4078 psi, max rate 50.99 bpm

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

Date: 04/21/2012 Hours: 24 Bbls oil: 25 Mcf Gas: 50 Bbls H2O: 2

Calculated 24 hour rate: Bbls oil: 25 Mcf Gas: 50 Bbls H2O: 2 GOR: _____

Test Method: fLOW Casing PSI: 550 Tubing PSI: _____ Choke Size: _____

Gas Disposition: SOLD Gas Type: DRY BTU Gas: 1316 API Gravity Oil: 50

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)