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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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) 825-4822
City: DENVER State: CO Zip: 80202

5. API Number 05-123-35080-00
6. County: WELD
7. Well Name: Sunmarke
Well Number: 19-28-11
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: COMMINGLED

Treatment Date: 03/29/2012 Date of First Production this formation: 07/04/2012

Perforations Top: 7439 Bottom: 7454 No. Holes: 45 Hole size: 3/7

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

Codell Frac
Formation break 2950 psi and 3.48 bpm. ISIP 2967 psi, 1 min 2773 psi, 5 min 2436 psi, leakoff 337 psi.
FR water pad 4431 psi @ 53.34 bpm.
0.25-075 ppg Ottawa 30/50 sand at 4431 psi at 53.34 bpm.
0.75-1.25 ppg Ottawa 30/50 sand at 4407 psi at 53.22 bpm
1.25-150 ppg 0ttawa 30/50 sand at 4348 psi at 53.18 bpm
1.50-1.75 ppg 0ttawa 30/50 sand at 4448 psi at 54.63 bpm
Flush at 4576 psi at 51.43 bpm begin 15 % HCL acid at 3852 psi at 25.39 bpm. Resume flush at 4065 psi at26.13 bpm
ISIP 3288 psi, 5 mi 3249 psi, 10 min 3221 psi
Pumped 4487.5 bbls FR Water 3177.2 bbls

Niobrara Frac
Formation break at 3446 psi at 1.7 bpm. ISIP 3420 psi, 1 min 3303 psi, 5 min 3119 psi
0.25-0.75 ppg Ottawa sand 4710 psi at 5519 bpm
0.75-1.25 ppg Ottawa 30/50 sand at 4646 psi 55.04 bpm
1.25-1.50 ppg Ottawa 30/50 sand at 4689 psi 54.99 bpm
1.50-1.75 ppg Ottawa 30/50 sand at 4948 psi 54.08 bpm
Shut down. ISIP 4235 psi.
Pumped 5126 bbls FR Water 3934.0 bbls SLF
Avg press 4801 psi, avg rate 54.81 bpm, max press 5904 psi, max rate 56.41 bpm

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

Test Information:

Date: 04/07/2012 Hours: 24 Bbls oil: 30 Mcf Gas: 75 Bbls H2O: 6

Calculated 24 hour rate: Bbls oil: 24 Mcf Gas: 75 Bbls H2O: 6 GOR:

Test Method: Flowing Casing PSI: 650 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

User Group	Comment	Comment Date

Total: 0 comment(s)