FORM 5A
Rev 06/12

State of Colorado
Oil and Gas Conservation Commission

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Document Number: 400321879

Date Received: 09/10/2012

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 05-123-32762-00
6. County: WELD
7. Well Name: Front Range
Well Number: #11-17-7
8. Location: QtrQtr: NESW Section: 17 Township: 4N Range: 66W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/24/2012 End Date: 08/24/2012 Date of First Production this formation: 09/05/2012

Perforations Top: 7561 Bottom: 7578 No. Holes: 51 Hole size: 3/7

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

Break 3415 psi at 8.2 bpm
Max 5087 psi, 50.5 bpm
Average 4414 psi, 43.4 bpm
Load to recover 138695 gal

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

Total fluid used in treatment (bbl): 3053 Max pressure during treatment (psi): 5087

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: Min frac gradient (psi/ft): 0.89

Total acid used in treatment (bbl): 24 Number of staged intervals: 1

Recycled water used in treatment (bbl): Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): 3302 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 246656 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: FRACTURE STIMULATION

Treatment Date: 08/20/2012 End Date: 08/24/2012 Date of First Production this formation: 09/05/2012

Perforations Top: 7231 Bottom: 7578 No. Holes: 171 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: 09/05/2012 Hours: 24 Bbl oil: 16 Mcf Gas: 210 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 16 Mcf Gas: 210 Bbl H2O: 0 GOR:

Test Method: FLOWING Casing PSI: 1850 Tubing PSI: 0 Choke Size:

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1395 API Gravity Oil: 59

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 Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/24/2012 End Date: 08/24/2012 Date of First Production this formation: 09/05/2012

Perforations Top: 7231 Bottom: 7445 No. Holes: 120 Hole size: 3/7

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

Niobrara A-Bench Frac
7344-7354
7423-7428
7438-7445

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

Total fluid used in treatment (bbl): 6218 Max pressure during treatment (psi): 5568

Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment: Min frac gradient (psi/ft): 0.86

Total acid used in treatment (bbl): 24 Number of staged intervals: 2

Recycled water used in treatment (bbl): Flowback volume recovered (bbl):

Fresh water used in treatment (bbl): 2934 Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 294552 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.

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: 9/10/2012 Email: slaramesa@kpk.com

Attachment Check List

Att Doc Num	Name
1699157	WELLBORE DIAGRAM
400321879	FORM 5A SUBMITTED

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Permit	Attached corrected wellbore diagram, deleted old one, and corrected Niobrara Perf information.	10/29/2012 8:19:38 AM
Permit	Requested clarification on the frac and perf data for the Niobrara Commingled panel and the producing panel.	10/23/2012 1:16:39 PM

Total: 2 comment(s)