

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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Document Number:

400217984

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: Sherry Glass
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 05-123-32763-00	6. County: WELD
7. Well Name: Front Range	Well Number: #11-17-10
8. Location: QtrQtr: NESW Section: 17 Township: 4N Range: 66W Meridian: 6	
9. Field Name: WATTENBERG	Field Code: 90750

Completed Interval

FORMATION: CODELL

Status: PRODUCING

Treatment Date: 08/28/2011

Date of First Production this formation: 09/03/2011

Perforations Top: 7354 Bottom: 7374 No. Holes: 80 Hole size: 042/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

formation break 3155 psi isip 2700 1 min 2452 psi 5 min 2132 psi
pump active fluid pad 60 bbls.
A bench 7040'-42'
6
pump phaser pad
595 bbls 75000 # 20/40 3 ppg 37.2 bpm 4055 psi.
pump phaser pad 333 bbls 3 ppg 42000 # 3 p
ppg at 37.3 bpm @4175 psi.
niobrara. 7040-42'
pump phaser pad 310 bbls 52000 # 20/40 4 ppg at 37.2 bpm @4158 psi.
7145'-58
pump phaser pad 190 bbls 32000 # 20/40 4 ppg at 38.2 bpm @4327 psi.
10
pump phaser pad 48 bbls SB EXCEL 20/40 4 ppg at 37.7 @4326 psi.
FLUSH 1 BBL PUMP 24 BBLs 15 % HCL Acid
set cfp 7320'
flush 116 bbls kcl.
20 bpm 4315 psi.
codell 7354'-7374'
isip 3712 psi
avg press 4151 psi
max press 4784 psi
5min 3457 psi
avg rate 36.8 bpm
max rate 38.3 bpm
10 min 3377 psi
RIG UP JW WIRELINE set a Halliburton
CFP 7320' & perf A bench 7040'-7042' 4 jsf
perf B bench 7143'-7158' 4 jsf 90 deg phase.

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

Date: 10/13/2011 Hours: 24 Bbls oil: 27 Mcf Gas: 172 Bbls H2O: 1

Calculated 24 hour rate: Bbls oil: 27 Mcf Gas: 172 Bbls H2O: 1 GOR: 6389

Test Method: flowing Casing PSI: Tubing PSI: Choke Size:

Gas Disposition: SOLD Gas Type: BTU Gas: 1233 API Gravity Oil: 57

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:

FORMATION: <u>NIOBRARA</u>		Status: <u>PRODUCING</u>	
Treatment Date: <u>08/28/2011</u>		Date of First Production this formation: <u>09/03/2011</u>	
Perforations	Top: <u>7040</u>	Bottom: <u>7158</u>	No. Holes: <u>60</u> Hole size: <u>042/100</u>
Provide a brief summary of the formation treatment:		Open Hole: <input type="checkbox"/>	
formation break 4985 4.4 bpm isip 3398 psi 1 min 3318 psi 5 min 3228 psi. 170 psi leakoff begin active fluid pad 119 bbls @ 12 bpm pump FR water pad 1429 bbls@50.7 bpm at 4861 psi. pump phaser frac pad 143 bbls @ 50.5 5051 psi. pump phaser frac 167 bbls +7000 #1 ppg 30/50 @50.5 bpm 4664 psi pump phaser frac 786 bbls+66000 #2 ppg 30/50 @50.6 at 4656 psi. pump phaser frac 524 bbls +66000 # 3 ppg 30/50 @ 50.3 bpm at 4557 psi. pump phaser frac 310 bbls +39000 # 3 ppg 30/50@ 50.2 bpm at 4538 psi. pump phaser frac 238 bbls +40,000 # 4 ppg 30/50 @ 50.3 bpm at 4481 psi. pump phaser frac 143 bbls + 24000 # 4ppg 30/50 @ 50.0 bpm at 4458 psi. pump phaser frac 48 bbls +8,000 # 4 ppg SB Excel 20/40 @ 50.6 bpm at 4398 psi. FLUSH 119 bbls KCL. ISIP 3609 PSI 5 min 3403 psi shut well in. avg press 4659 psi max press 5090 psi avg rate 50.5 bpm max rate 51.0 pumped 250.380 # 30/50 Ottawa 8,000 # SB Excel 20/40. 118.8 bbls Active Fluid Pad . 2452.1 bbls pHaser. LOAD TO RECOVER 4111.4 BBLS			
This formation is commingled with another formation:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Test Information:			
Date: <u>10/21/2011</u>	Hours: <u>24</u>	Bbls oil: <u>27</u>	Mcf Gas: <u>172</u> Bbls H2O: <u>2</u>
Calculated 24 hour rate:		Bbls oil: <u>27</u>	Mcf Gas: <u>172</u> Bbls H2O: <u>2</u> GOR: <u>6389</u>
Test Method: <u>flowing</u>	Casing PSI: _____	Tubing PSI: _____	Choke Size: _____
Gas Disposition: <u>SOLD</u>	Gas Type: _____	BTU Gas: <u>1233</u>	API Gravity Oil: <u>57</u>
Tubing Size: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____
Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>			
Date formation Abandoned: _____		Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
Bridge Plug Depth: _____		Sacks cement on top: _____	
Comment: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">DCP installed gas line after delay, ROW negotiated with landowner, access negotiated with landowner.</div>			
I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.			
Signed: _____		Print Name: <u>Sherry Glass</u>	
Title: <u>Engineering Technician</u>	Date: _____	Email <u>sglass@kpk.com</u>	
Based on the information provided herein, this Completed Interval Report (Form 5A) complies with COGCC Rules and applicable orders and is hereby approved.			
COGCC Approved: _____		Director of COGCC	Date: _____

Attachment Check List

Att Doc Num	Name
400217998	OPERATIONS SUMMARY

Total Attach: 1 Files

General Comments

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

Total: 0 comment(s)