FORM 17 Rev 6/99	State of Colorado Oil and Gas Conservation Commission 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		DE	ET	OE	ES	

BRADENHEAD TEST REPORT

Document Number: 400093626

Step 1. Record all tubing and casing pressures as found.   Step 2. Sample now. If intermediate or surface casing pressure > 25 psi. In sensitive areas, 1 psi.
Step 3. Conduct Bradenhead test.   Step 4. Conduct intermediate casing test.   Step 5. Send report to BLM within 3 days and to OGCC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach gas and liquid analyses if sampled.

1. OGCC Operator Number: 46290
3. BLM Lease No:
2. Name of Operator: K P KAUFFMAN COMPANY INC
4. API Number; 05-123-10467-00
5. Multiple completion? ☐ Yes ☒ No
6. Well Name: CHAMPLIN 86 AMOCO F   Number: 4
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE,4,1N,68W,6
8. County WELD
9. Field Name: SPINDLE
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 09/08/2010

12. Well Status: ☐ Flowing
☐ Shut In ☐ Gas Lift
☒ Pumping ☐ Injection
☐ Clock/Intermitter
☐ Plunger Lift

13. Number of Casing Strings:
☒ Two ☐ Three ☐ Liner?

14. EXISTING PRESSURES

Record all pressures as found	Tubing:	Tubing: 18	Prod Csg 18	Intermediate	Surf. Csg
	Fm:	Fm: SX-SN	Fm: SX-SN	Csg:	0

BRADENHEAD TEST

Buried valve? ☒ Yes ☐ No
Confirmed open? ☒ Yes ☐ No

With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (bradenhead) valve (if no intermediate casing, monitor only the production casing and tubing pressures.) Record pressures at five minute intervals Define characteristics of flow in "Bradenhead Flow" column using letter designations below:
O = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
00:00		SX-SN 18	18		D
05:00		SX-SN 18	18		D
10:00		SX-SN 18	18		D
15:00		SX-SN 18	18		D
20:00		SX-SN 18	18		D
25:00		SX-SN 18	18		D
30:00		SX-SN 18	18		D

BRADENHEAD SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Bradenhead fluid: ☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black

Other:(describe)
Sample cylinder number:

Instantaneous Bradenhead PSIG at end of test: > 0

INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ No
Confirmed open? ☐ Yes ☐ No

With gauges monitoring production, intermediate casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals Characterize flow in "Intermediate Flow" column using letter designations below:
O = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:

INTERMEDIATE SAMPLE TAKEN?
☐ Yes ☐ No ☐ Gas ☐ Liquid

Character of Intermediate fluid: ☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black

Other:(describe)
Sample cylinder number:

Instantaneous Intermediate Casing PSIG at end of test: >

Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Dennis Kuhn   Title: VP   Phone: (303) 833-3251

Signed: Sherry Glass   Title: Engineering Technician   Date: 9/17/2010

Witnessed By: Title: Agency: