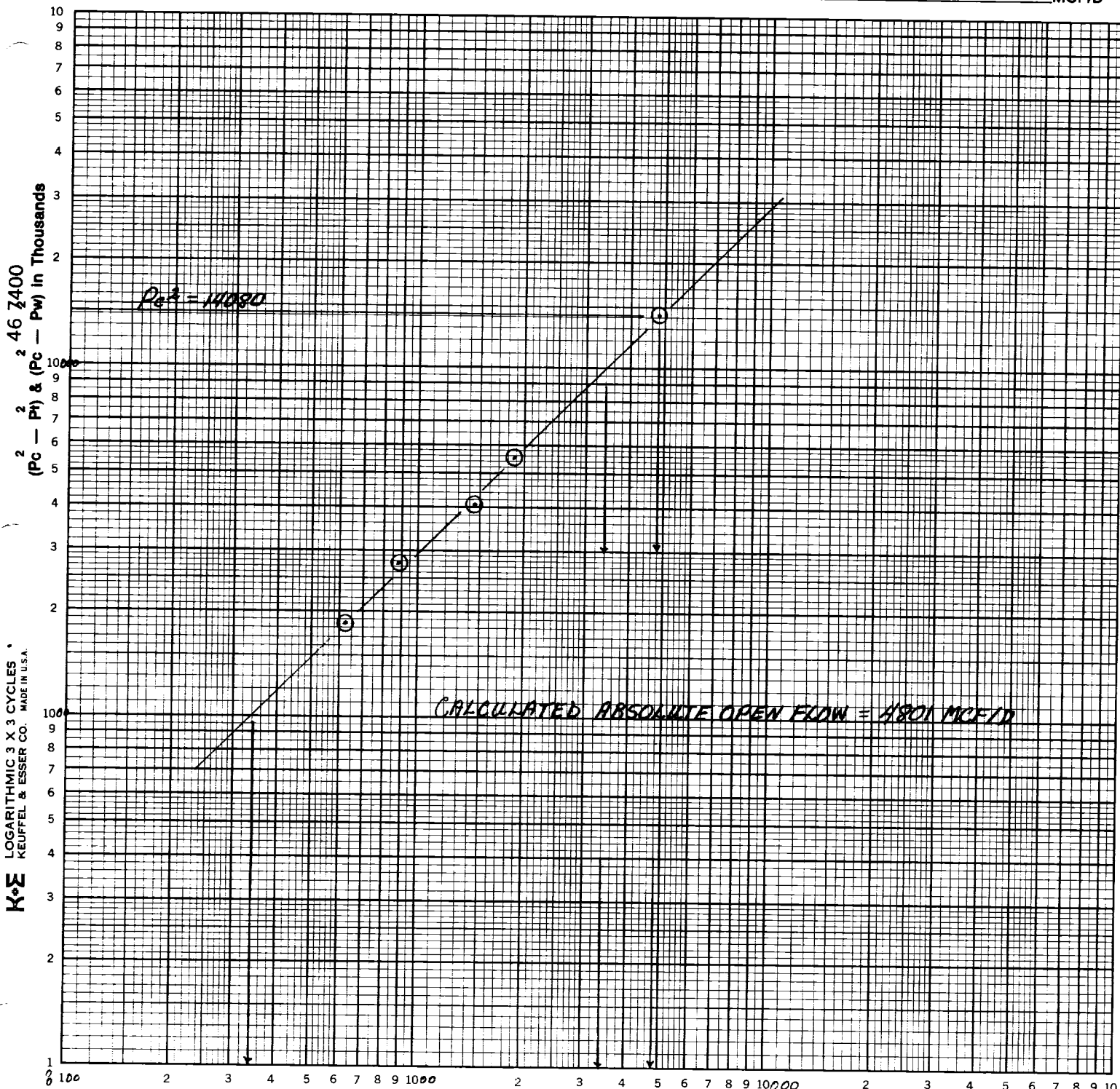


**BENNETT & CATHEY PRODUCTION TESTING
BACK PRESSURE CURVE**

Operator Chevron USA Lease Lee "K" Federal Well No. 1
 County Eddy Field Happy Valley Location 21-22s-26E
 Date of Test 8-8-89 Slope "n" 1.000 Angle of Slope 45°

Calc. Abs. Potential 4801 MCF/D



$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = 10000$
 $\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = 1000$
 $Q_1 = 3400$
 $Q_2 = 340$

Q, Mcfd

LOG $Q_1 = 3.5315$
 LOG $Q_2 = 2.5315$
 $n = 1.000$

RECEIVED.

AUG 15 '89

O. C. D.
ARTESIA, OFFICE