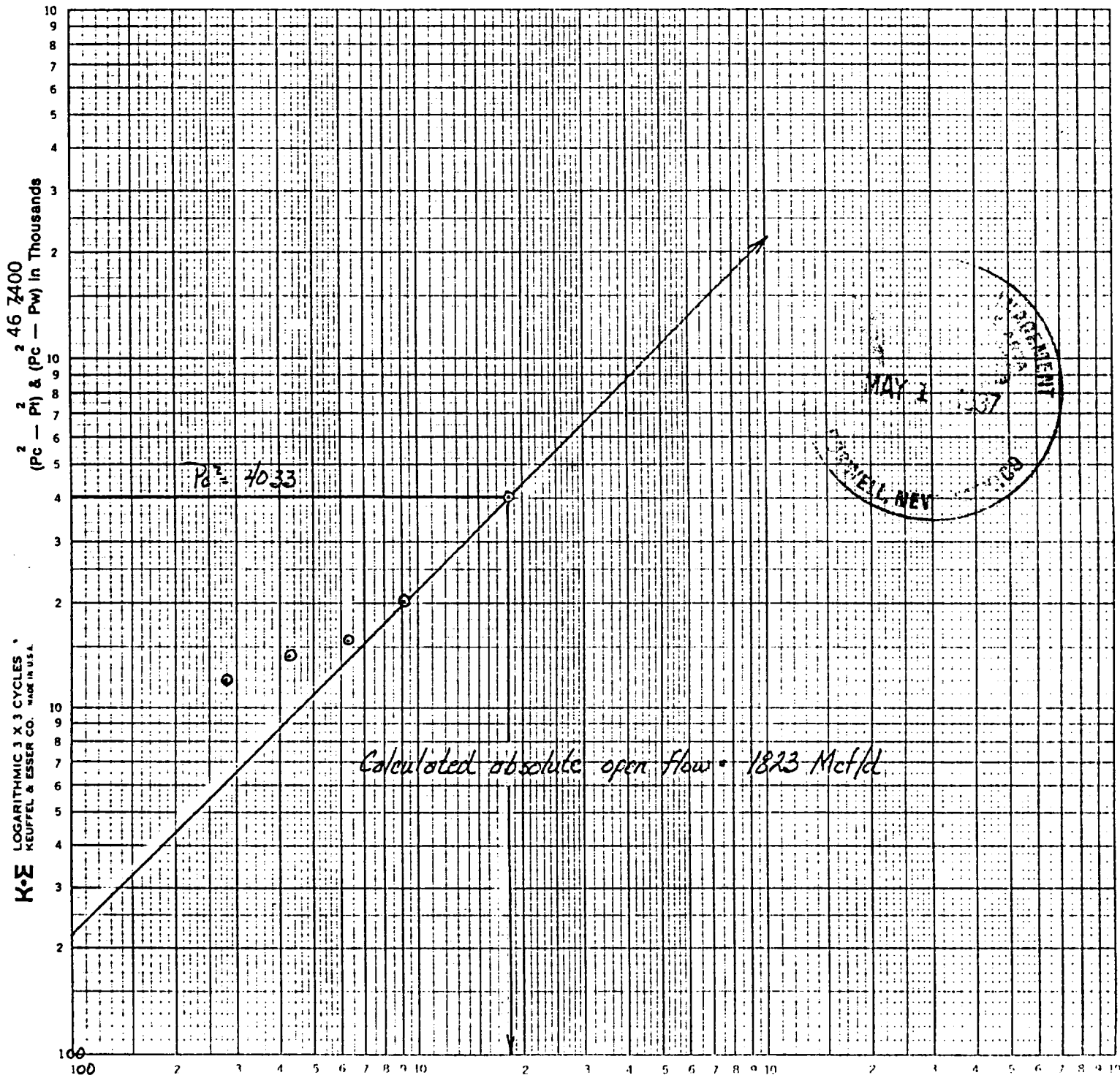


**BENNETT & CATHEY PRODUCTION TESTING
BACK PRESSURE CURVE**

2987

Operator Moffellan Lease Big Luck Lake Comm Well No. Fed #1
 County Chaves Field Big Luck Lake Location 30 155 30E
 Date of Test 4-27-87 Slope "n" 1.000 Angle of Slope 45°

Calc. Abs. Potential 1823 MCF/D



$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = 7000$

$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = 700$

$Q_1 = 3200$

$Q_2 = 320$

Q, Mcfd

LOG $Q_1 = 3.8451$

LOG $Q_2 = 2.8451$

$n = 1.000$