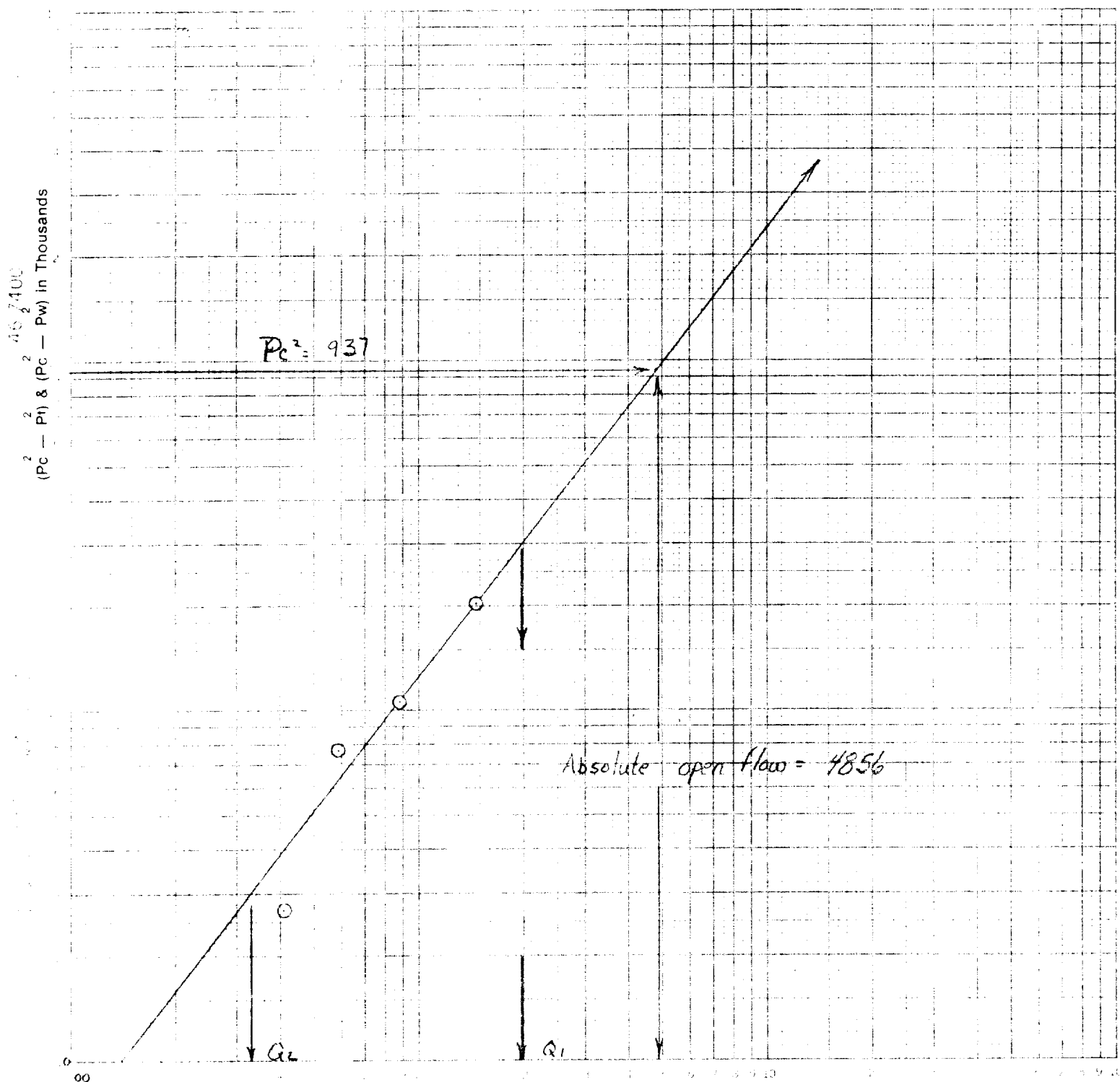


BACK PRESSURE CURV

Operator Marathon Inc Lease Pecos State 16 Well No. 1
 County Chaves Field Pecos Slope Location 16 65 26E
 Date of Test 3-30-84 Slope "n" 0.781 Angle of Slope 52°

Calc. Abs. Potential 4856 MCF/D



$$\begin{aligned} \overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 &= 300 \\ \overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 &= 30 \\ Q_1 &= 1993 \\ Q_2 &= 330 \end{aligned}$$

Q In MCF/Day

$$\begin{aligned} \text{LOG } Q_1 &= 3.2995 \\ \text{LOG } Q_2 &= 2.5185 \\ n &= 0.781 \end{aligned}$$

RECEIVED
APR 9 1984
O.C.D.
HOBBS OFFICE