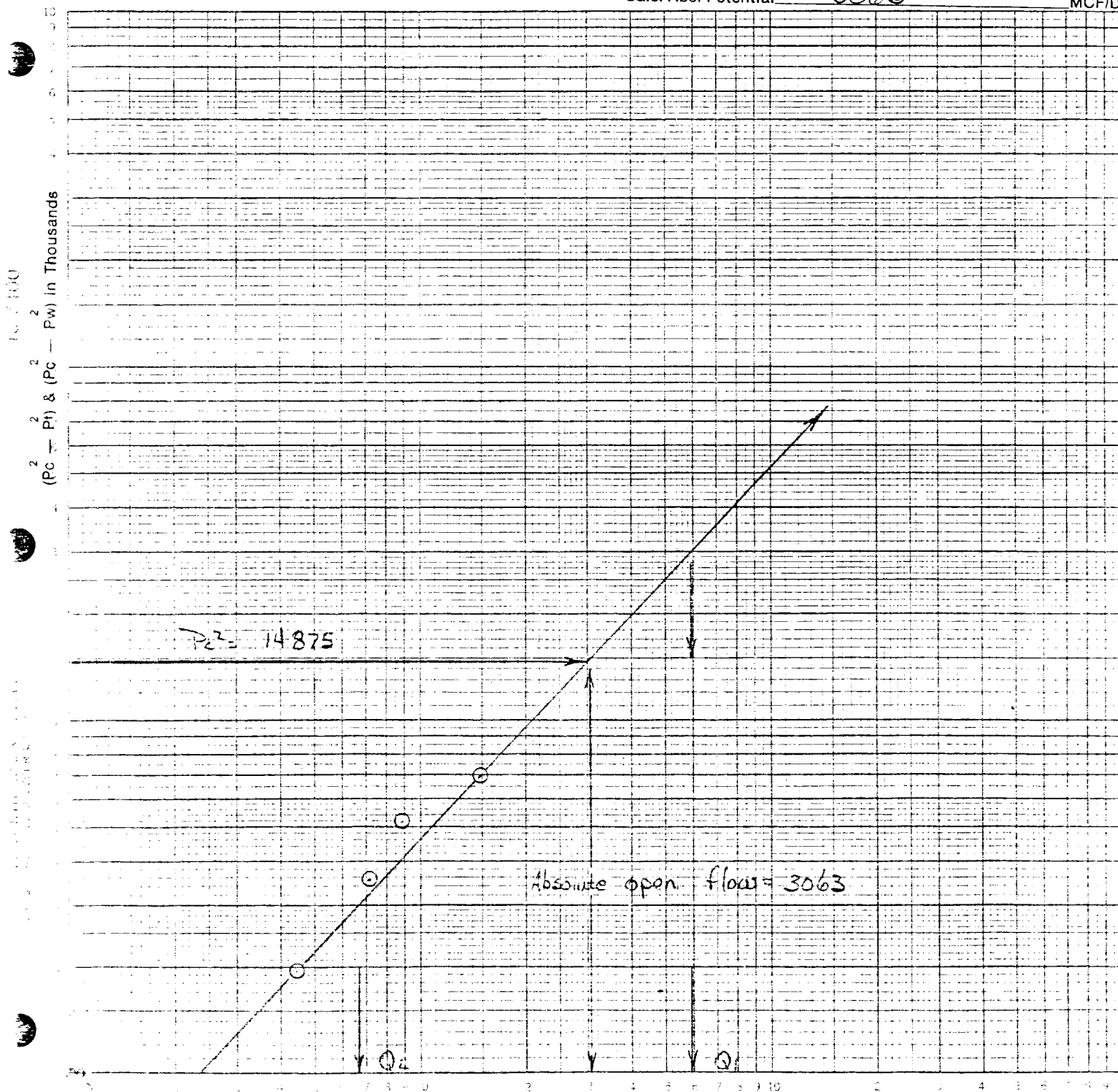


BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Santa Fe Energy Lease Carrasco 18 Well No. 1
 County Eddy Field South Carlsbad Location 18-235-28E
 Date of Test 7-24-84 Slope "n" .952 Angle of Slope 46.4

Calc. Abs. Potential 3063 MCF/D



$$\begin{aligned} \Delta \bar{P}_1^2 \quad P_c^2 - P_w^2 &= 30000 \\ \Delta \bar{P}_2^2 \quad P_c^2 - P_w^2 &= 30000 \\ Q_1 &= 5954 \\ Q_2 &= 465 \end{aligned}$$

Q in MCF/Day

$$\begin{aligned} \text{LOG } Q_1 &= 3.7748 \\ \text{LOG } Q_2 &= 2.8228 \\ n &= .952 \end{aligned}$$