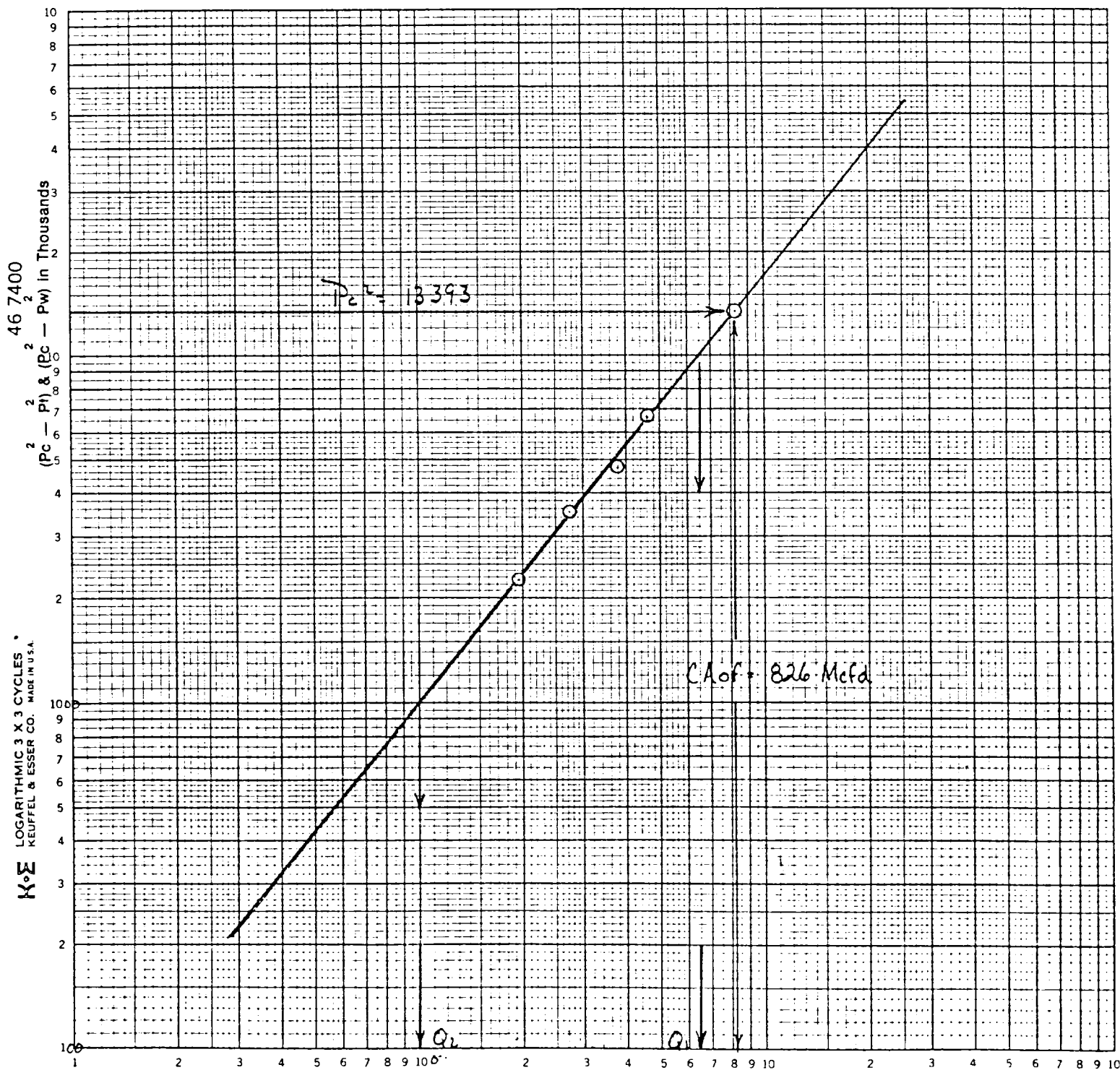


BENNETT & CATHEY PRODUCTIVE TESTING BACK PRESSURE CURVE

Operator Santa Fe Energy Lease Skeen Well No. 1
 County Eddy Field South Carlsbad Location 175
 Date of Test 9-23-85 Slope "n" 0.813 Angle of Slope 50.9
 Calc. Abs. Potential 826 MCF/D



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = \underline{10000}$$

$$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = \underline{1000}$$

$$Q_1 = \underline{650}$$

$$Q_2 = \underline{100}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{2.813}$$

$$\text{LOG } Q_2 = \underline{2.000}$$

$$n = \underline{0.813}$$