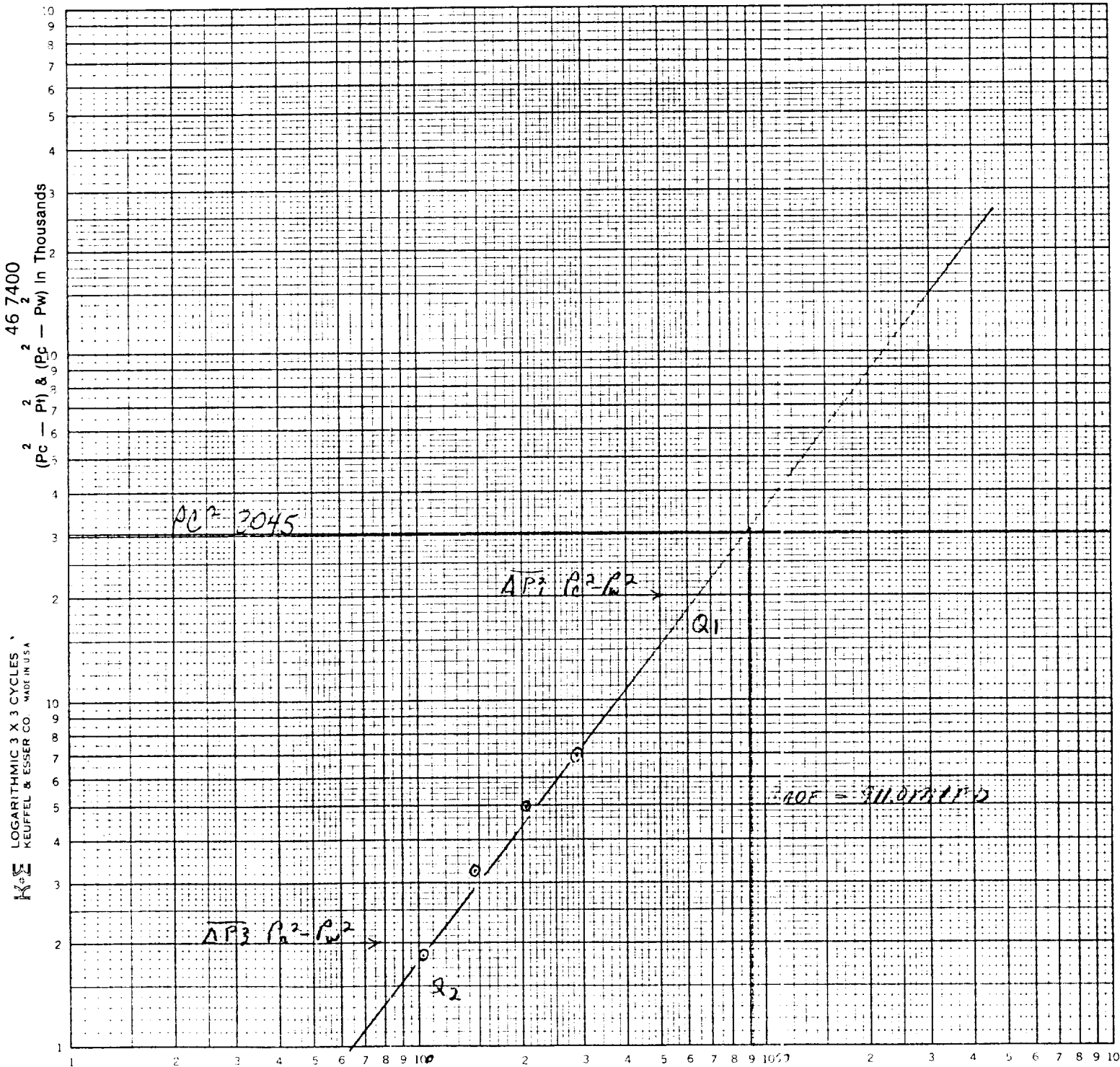


BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator SUN Exploration & Production Lease ELLEN FARMER Well No. 1
 County Eddy Field Kennedy Location S 16 175 26E
 Date of Test 2-20-85 Slope "n" .775 Angle of Slope 52.2

Calc. Abs. Potential 116 MCF/D



$$\begin{aligned} \overline{\Delta P}_1^2 P_c^2 - P_w^2 &= 2000 \\ \overline{\Delta P}_2^2 P_c^2 - P_w^2 &= 200 \\ Q_1 &= 642 \\ Q_2 &= 103 \end{aligned}$$

Q in MCF/Day

$$\begin{aligned} \text{LOG } Q_1 &= 2.808 \\ \text{LOG } Q_2 &= 2.033 \\ n &= .775 \end{aligned}$$

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