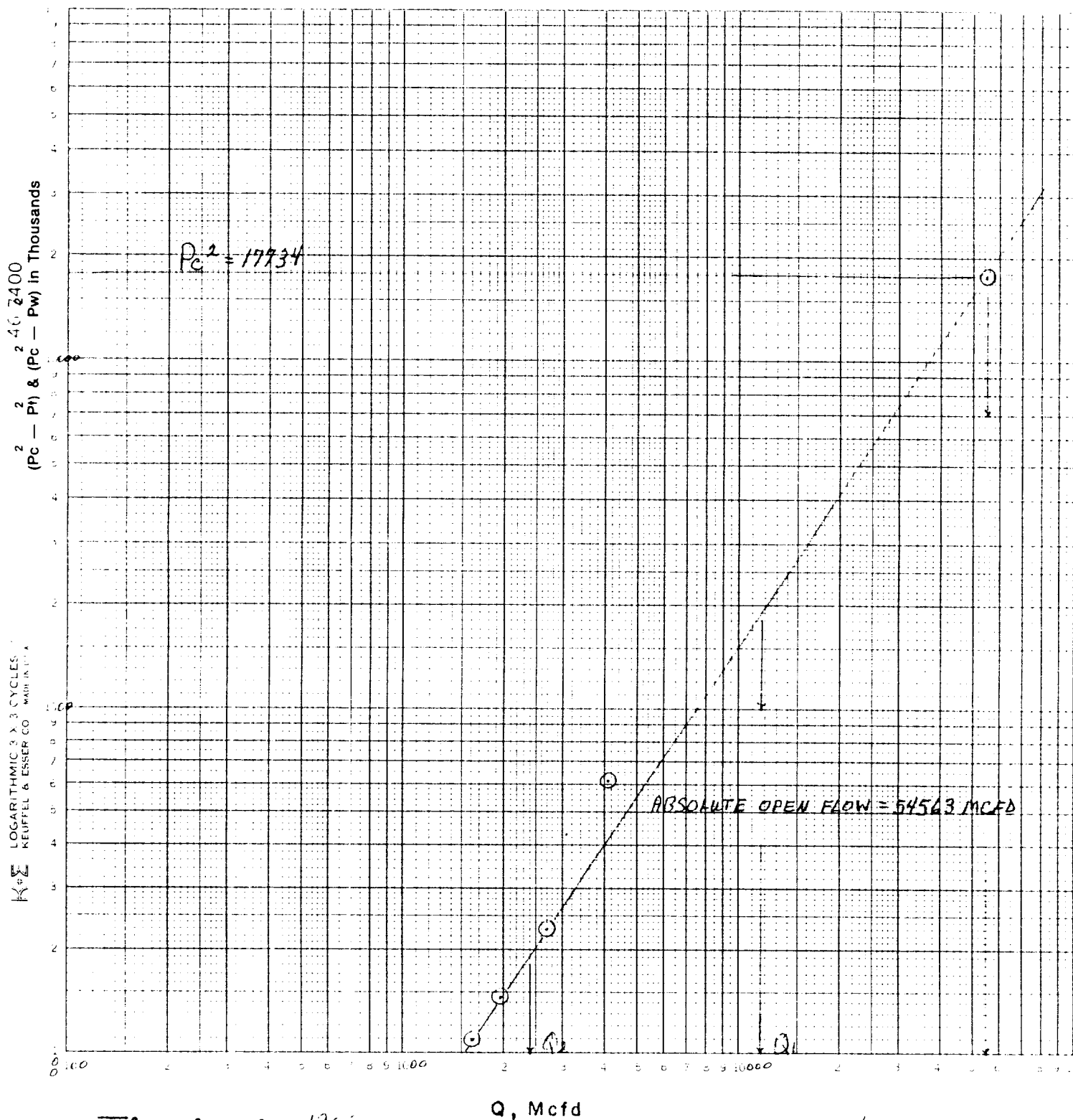


BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator BETTIS BROTHERS INC. Lease STATE 16 Well No. 1
 County EDDY Field CARLSBAD STRAW SOUTH Location 16-23S-24E
 Date of Test 9-19-89 Slope "n" .692 Angle of Slope 55.3
 Calc. Abs. Potential 54563 MCF/D



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = 1900$$

$$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = 190$$

$$Q_1 = 11805$$

$$Q_2 = 2900$$

$$\text{LOG } Q_1 = 4.072$$

$$\text{LOG } Q_2 = 3.380$$

$$n = 0.692$$