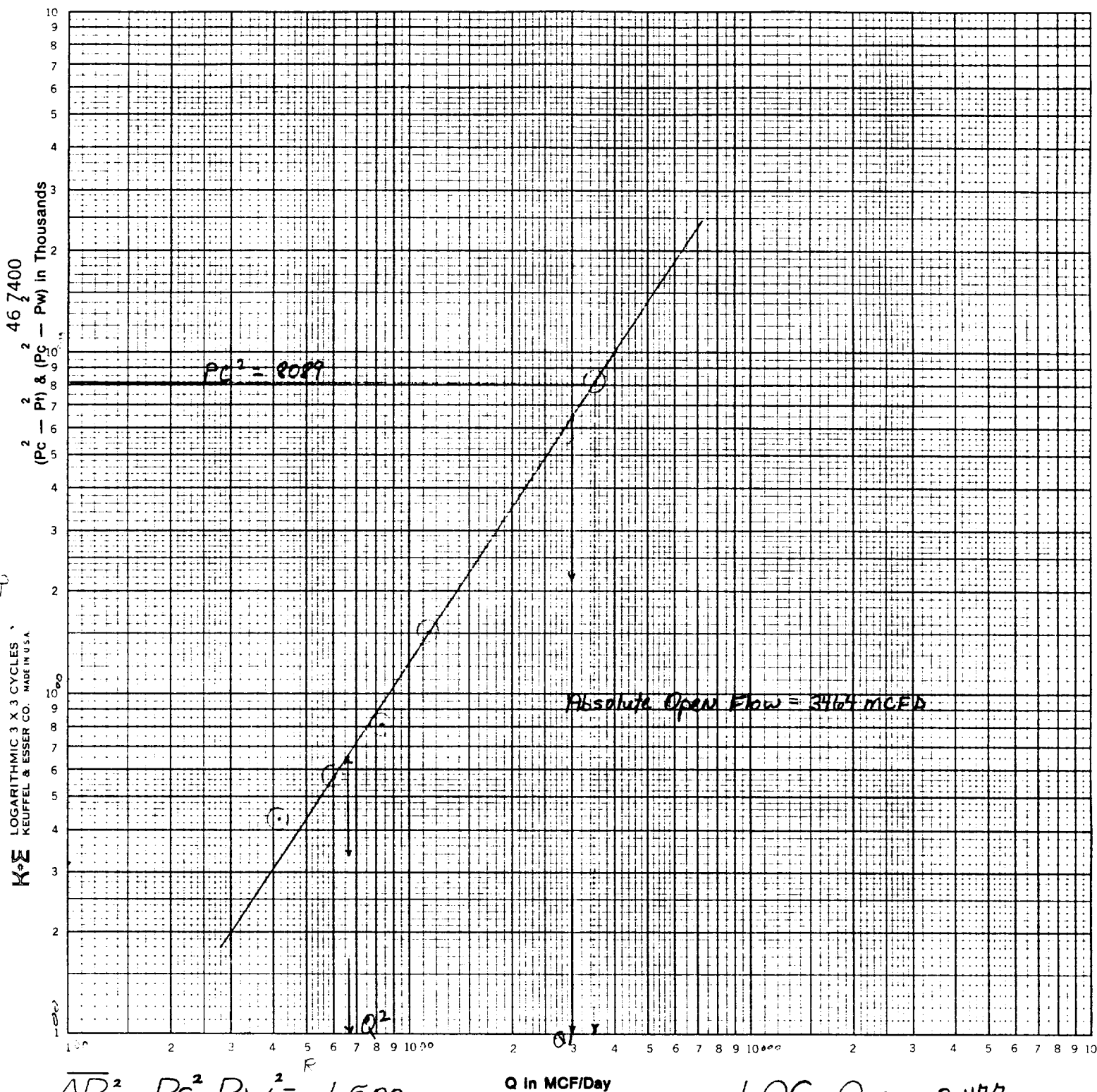


BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Southland Royalty Lease East Millman 12 Fed Well No. 1
 County Eddy Field TURKEY TRACK Location 12-19s-28E
 Date of Test 7-29-85 Slope "n" .658 Angle of Slope 56.7

Calc. Abs. Potential 3464 MCF/D



$$\overline{\Delta P}^2 \quad P_c^2 - P_w^2 = \underline{6500}$$

$$\overline{\Delta P}^2 \quad P_c^2 - P_w^2 = \underline{650}$$

$$Q_1 = \underline{3000}$$

$$Q_2 = \underline{659}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{3.477}$$

$$\text{LOG } Q_2 = \underline{2.819}$$

$$n = \underline{.658}$$