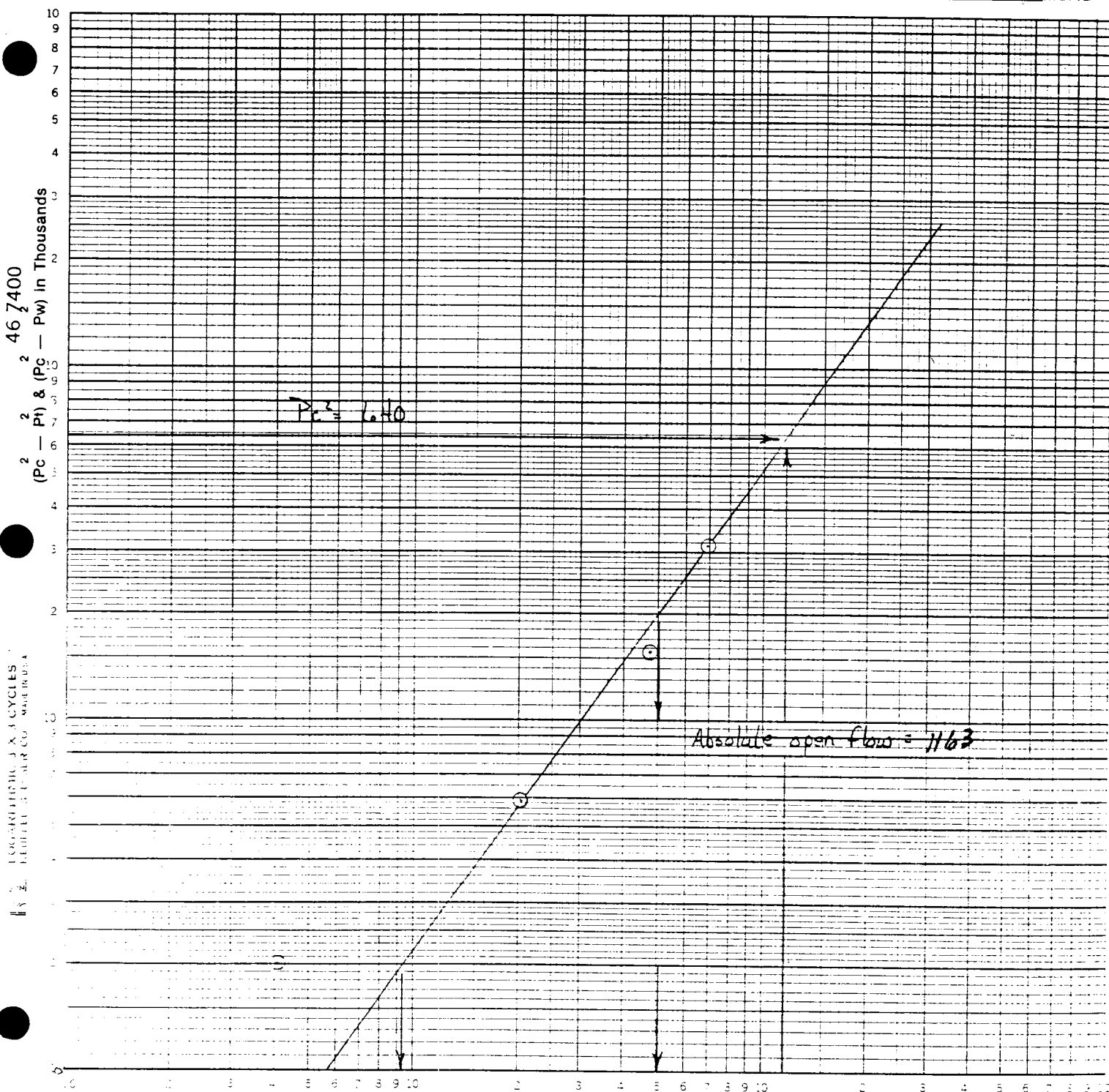


BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Flag Redfern Lease N.M. Fed. Coms Well No. 1
 County Chaves Field Pecos Slope Location 5-55-25E
 Date of Test 5-15-84 Slope "n" 0.733 Angle of Slope 53.75

Calc. Abs. Potential 1163 MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{200}{20}$$

$$Q_1 = \underline{503}$$

$$Q_2 = \underline{93}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{2.7016}$$

$$\text{LOG } Q_2 = \underline{1.9685}$$

$$n = \underline{0.7331 = .733}$$