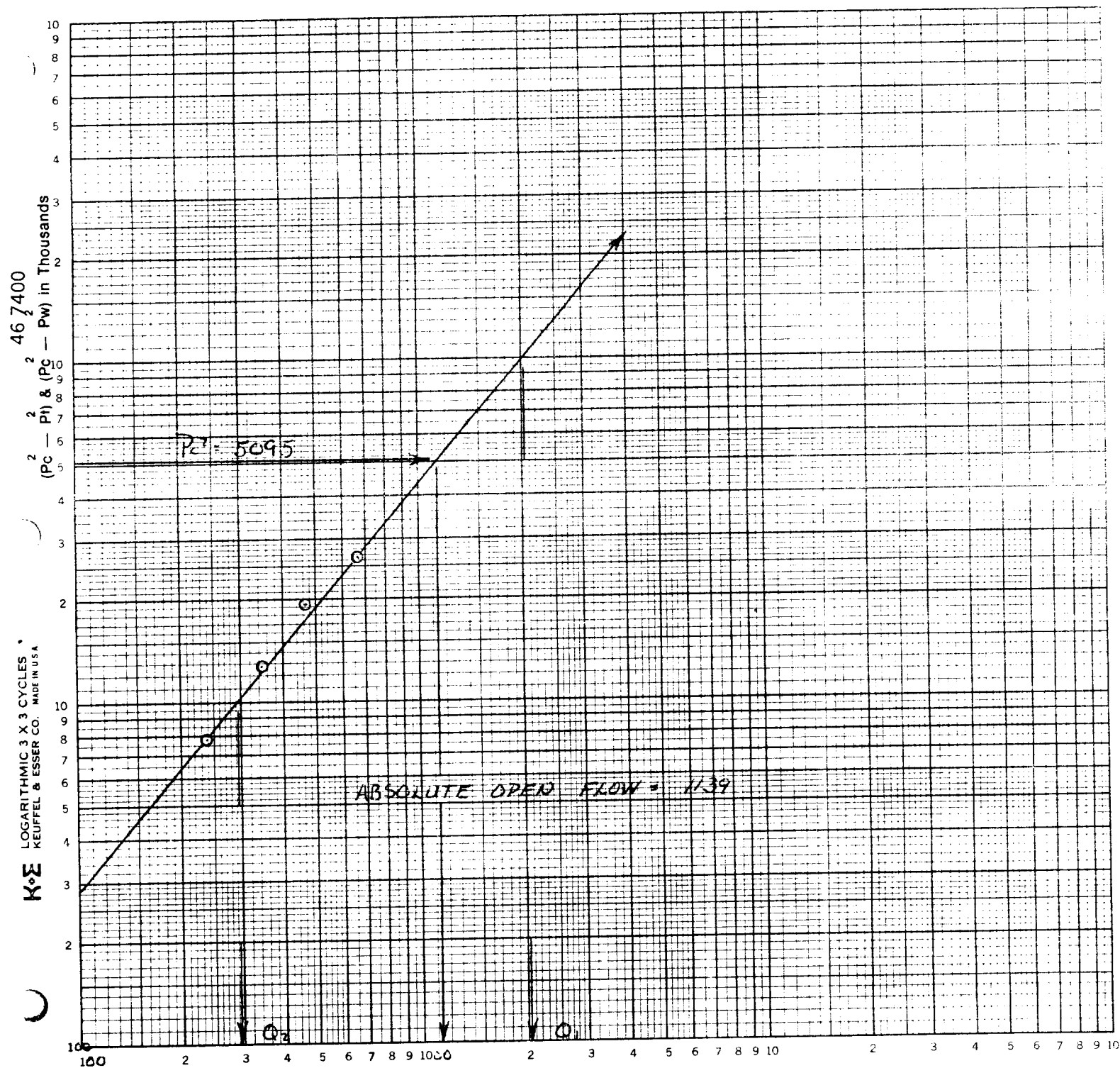


## BACK PRESSURE CURVE

Operator H. L. Brown Lease State 32 Well No. 1  
 County Lea Field Undesignated Location 32 155 32E  
 Date of Test 2-15-84 Slope "n" 0.833 Angle of Slope 50.2

Calc. Abs. Potential 1139 MCF/D



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

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

$$Q_1 = 3010$$

$$Q_2 = 295$$

Q in MCF/Day

$$\text{LOG } Q_1 = 3.3032$$

$$\text{LOG } Q_2 = 2.4698$$

$$n = \frac{3.3032 - 2.4698}{\log(3010/295)}$$

RECORDED

NOV 14 1984

MOBILE OFFICE