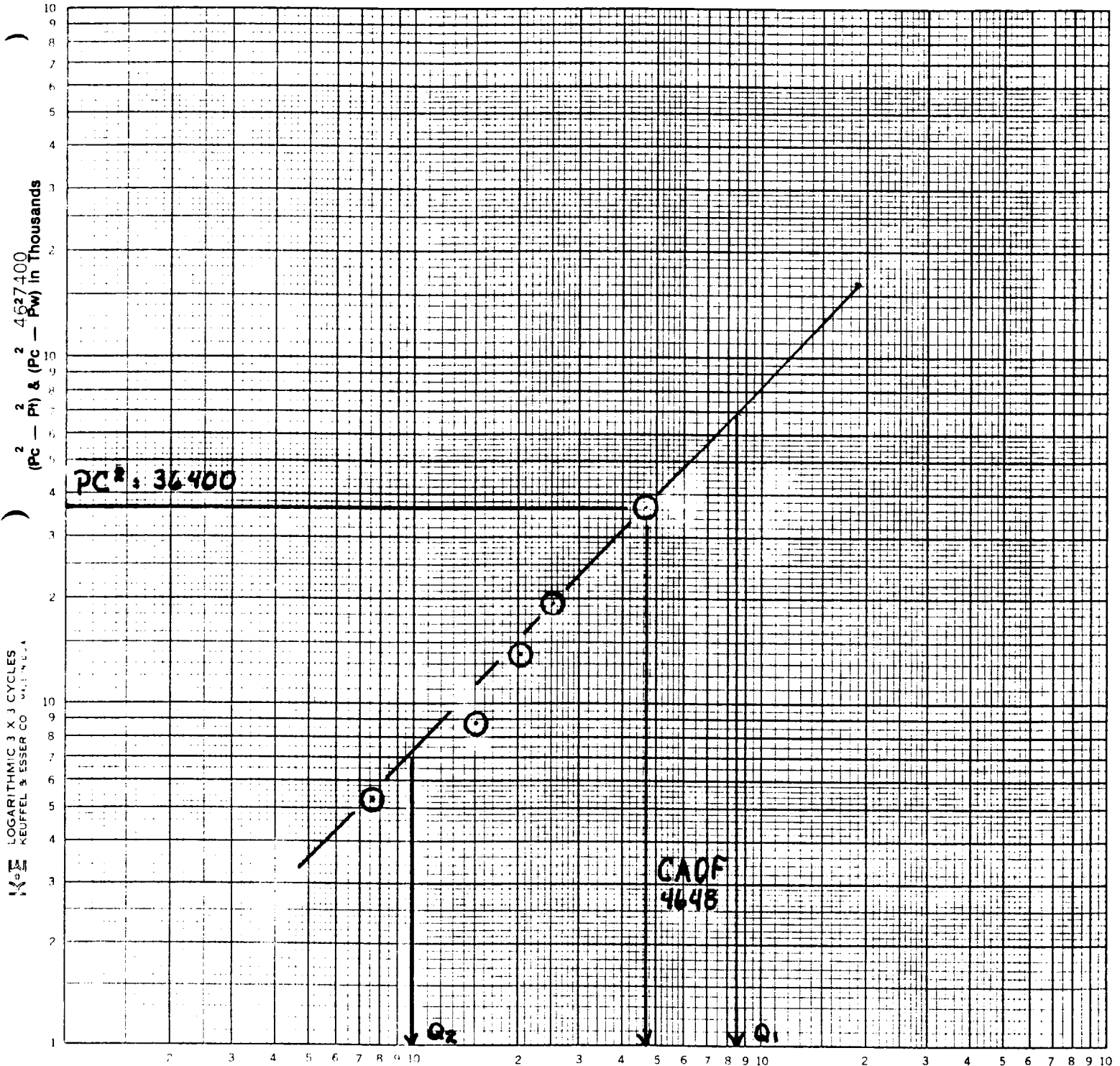


BACK PRESSURE CURVE

Operator Pogo Lease FEDERAL 31 Well No. 41
 County LEA Field N/A Location SEC. 31 T21S R32E
 Date of Test 3/16/91 Slope "n" .926 Angle of Slope 47.2

Calc. Abs. Potential 4648 MCF/D



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = 70,000$$

$$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = 7,000$$

$$Q_1 = 8433$$

$$Q_2 = 1000$$

Q, Mcfd

$$\text{LOG } Q_1 = 3.926$$

$$\text{LOG } Q_2 = 3.000$$

$$n = .926$$