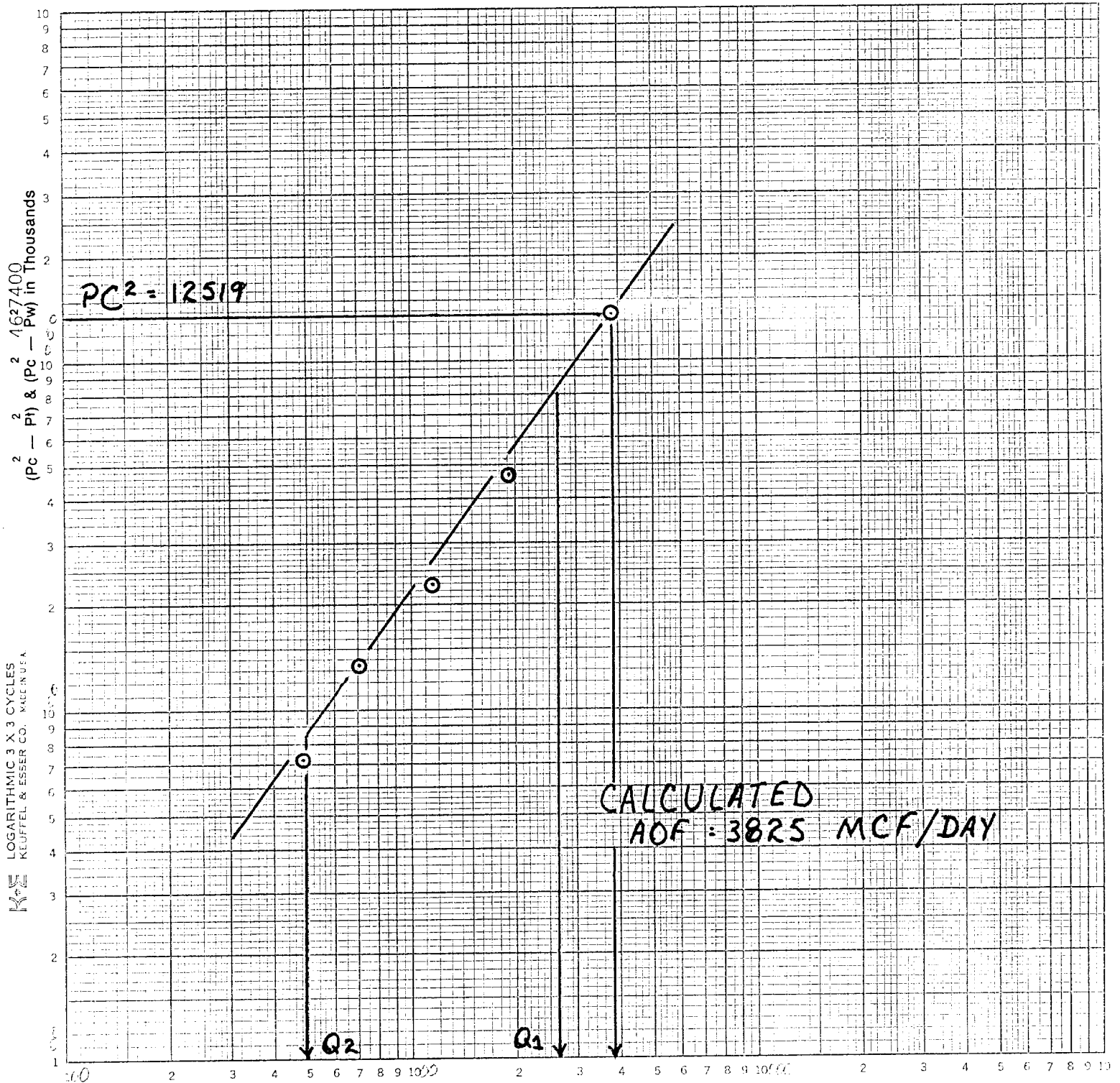


BACK PRESSURE CURVE

Operator MURCHISON Oil & Gas Lease OGDEN STATE Well No. 42
 County Eddy Field WHITE CITY PENN Location SEC. 2 T25S R26E
 Date of Test 9-24-90 Slope "n" .725 Angle of Slope 54.1

Calc. Abs. Potential 3825 MCF/D



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = 8500$$

$$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = 850$$

$$Q_1 = 2648$$

$$Q_2 = 498$$

Q, Mcfd

$$\text{LOG } Q_1 = 3.423$$

$$\text{LOG } Q_2 = 2.698$$

$$n = .725$$