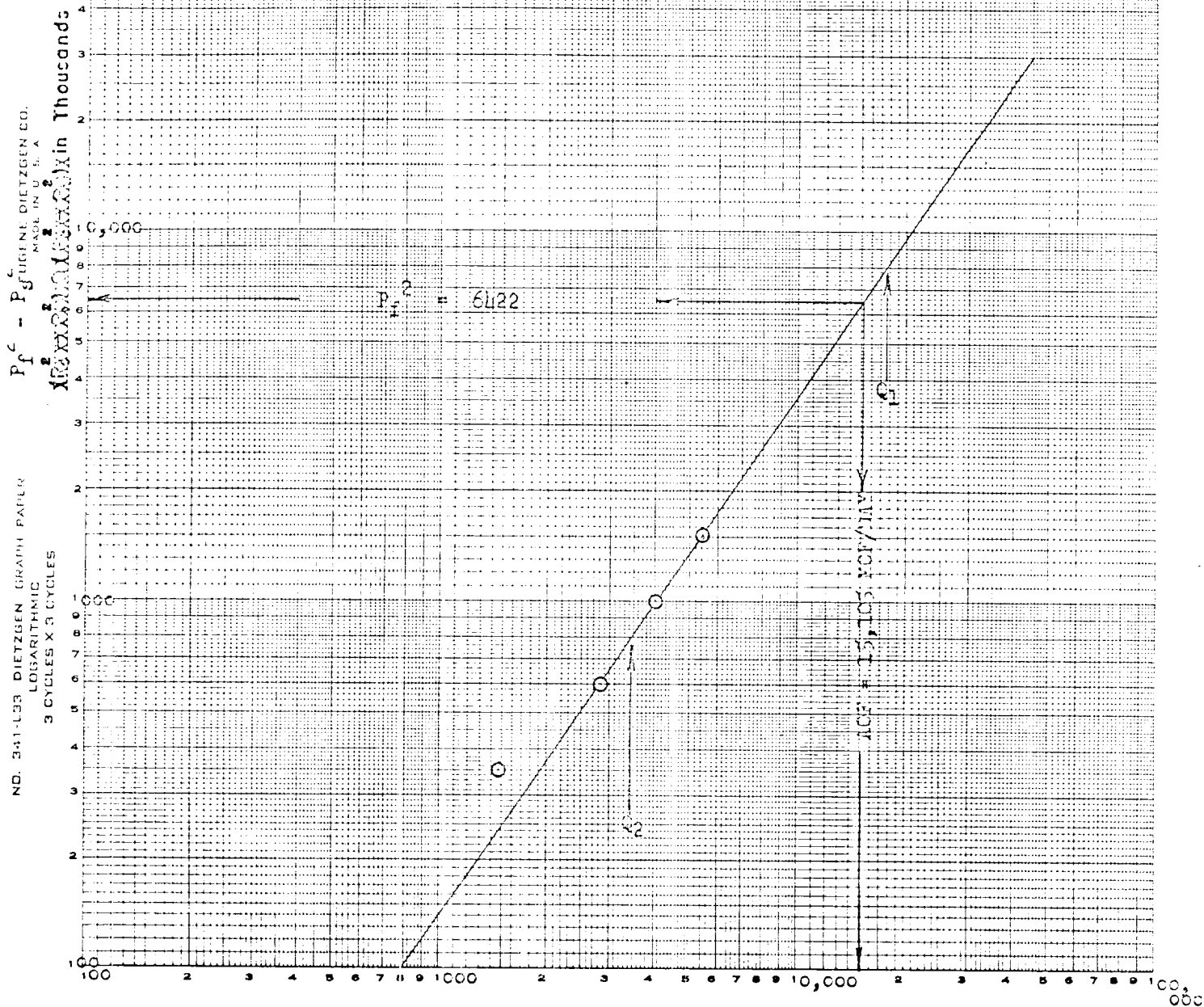


BACK PRESSURE CURVE

Operator BLACK RIVER CORPORATION Lease CITIES 3 FEDERAL Well No. 1County EDDY Field WASHINGTON RANCH Location 3-26S-21EDate of Test 10-7-72 Slope "n" _____ W.H. 0.708 Abs. _____Calc. W.H. Potential _____ MCF/D Calc. Abs. Potential 15,105 MCF/D

$$\begin{aligned} \text{SLOPE } (n) &= Q_1 = 17600 = 8.2455127 \\ &Q_2 = 3450 = 7.5378191 \\ (n) &= 0.7076936 \end{aligned}$$

$$Q \text{ in MCF/Day } ACF = 5443 \left(\frac{6422}{1519} \right)^{0.708} = 15,105 \text{ MCF/DAY}$$