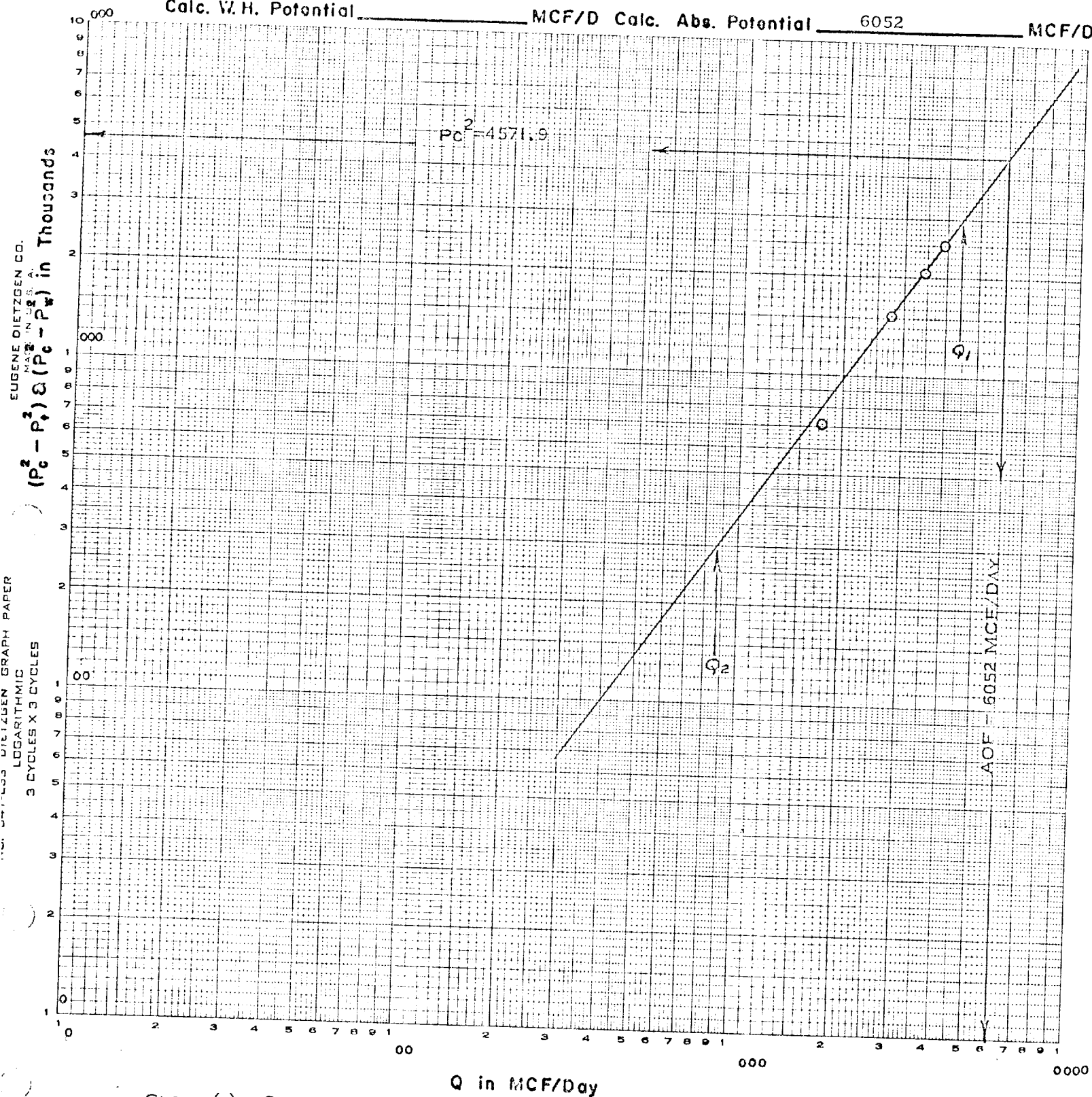


BACK PRESSURE CURVE

Operator ADORE OIL COMPANY Lease SMITH FEDERAL Well No. 1
 County EDDY Field ROCK TANK Location G-TI4S-R24E
 Date of Test 3-2-73 Slope "n" 0.709 W.H. _____ Abs. _____
 Calc. W.H. Potential _____ MCF/D Calc. Abs. Potential 6052 MCF/D



$$\text{SLOPE (N)} = Q_1 = 4450 = 7.6483600$$

$$Q_2 = 870 = 6.9395193$$

$$N = 0.7088407$$

$$\text{AOF} = 3939 \left(\frac{4571.9}{2494.8} \right)^{.709} = 6052 \text{ MCF/DAY}$$