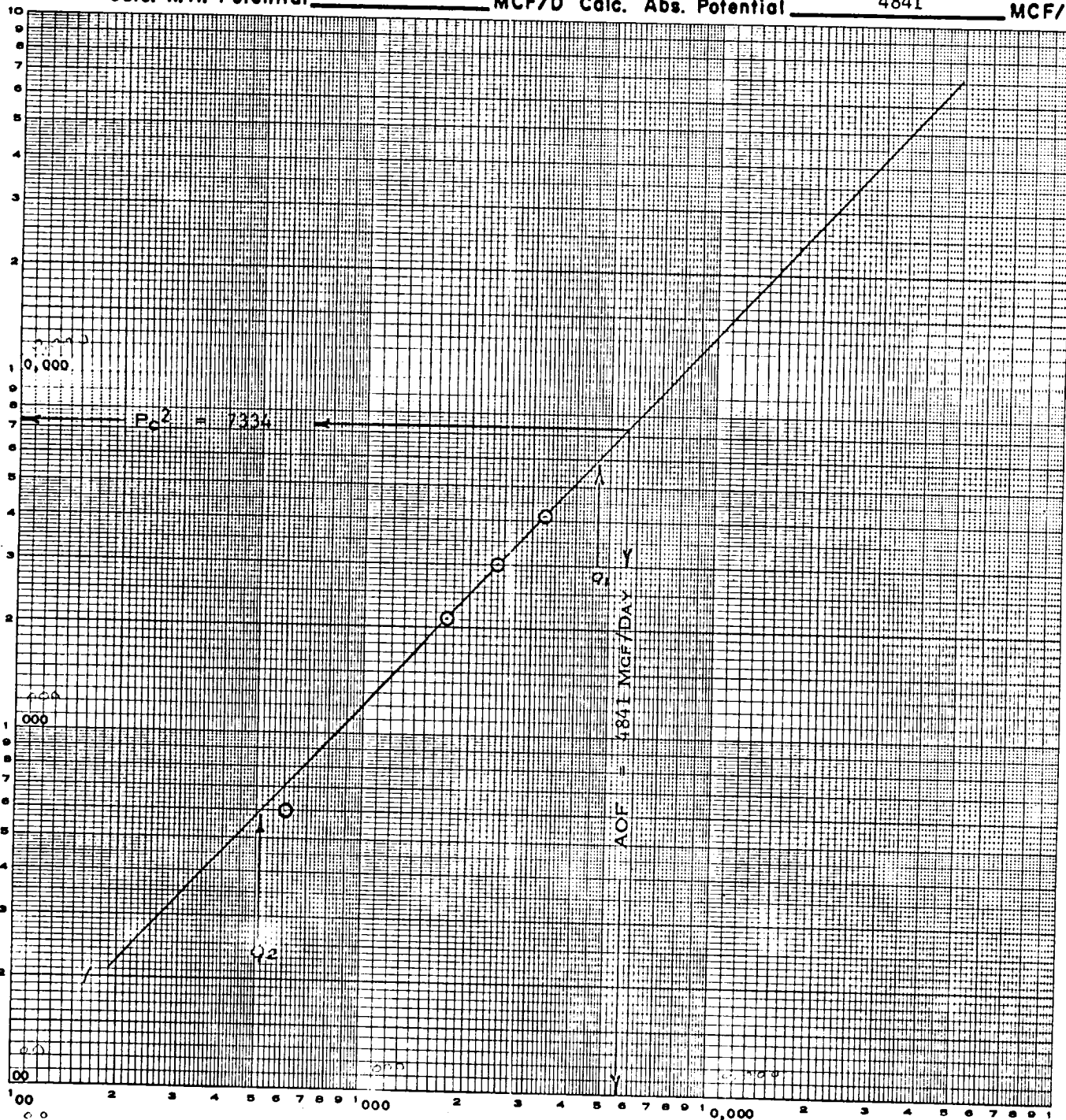


BACK PRESSURE CURVE

HORIZON OIL & GAS CO.
 Operator OF TEXAS Lease STATE 28 Well No. 1
 County EDDY Field GRAYBURG-ATOKA Location B SEC 28-T17S-R29E
 Date of Test 5-29-73 Slope "n" 0.692 W.H. Abs.
 Calc. W.H. Potential MCF/D Calc. Abs. Potential 4841 MCF/D

NO. 341-L33 DIETZGEN GRAPH PAPER
 LOGARITHMIC
 3 CYCLES X 3 CYCLES
 EUGENE DIETZGEN CO.
 MADE IN U.S.A.
 $(P_e^2 - P_i^2) \propto (P_e - P_w)$ in Thousands



SLOPE (N) = $Q_1 = 4650 = 7.6674530$
 $Q_2 = 560 = 6.7481880$
 $(N) = 0.6919265$

Q in MCF/Day
 $\frac{7334}{4140} = 1.7715$
 $AOF = 3264 \times 1.7715 = 5781$
 $= 4841 \text{ MCF/DAY}$