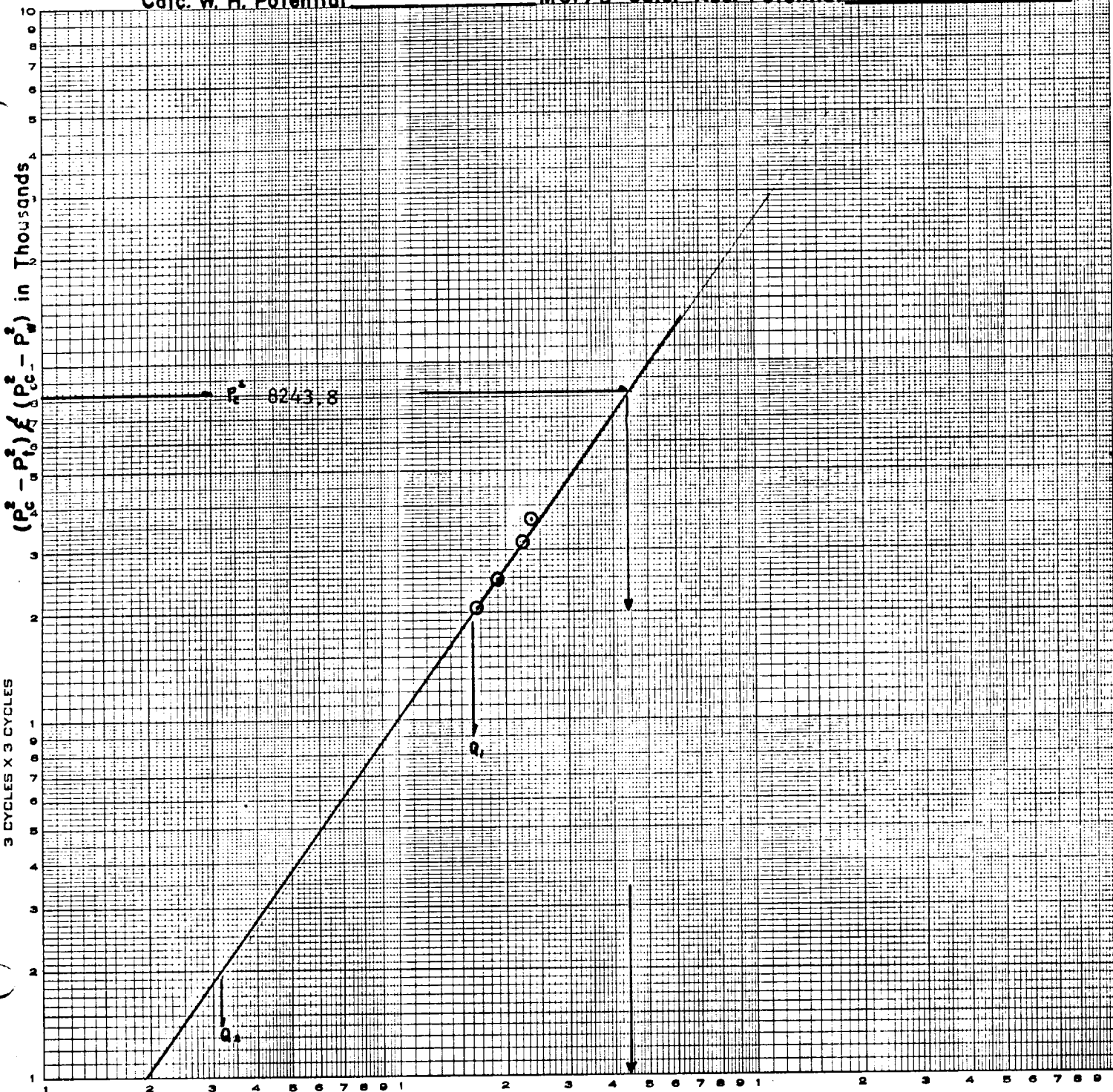


BACK PRESSURE CURVE

Operator MANA RESOURCES, INC. Lease STATE 21 Well No. 1
 County EDDY Field GRAYBURG-JACKSON Location O, SEC. 21, 17S, R29E
 Date of Test 1-15-71 Slope "n" .713 W.H. Abs.
 Calc. W.H. Potential MCF/D Calc. Abs. Potential 4.459 MCF/D

EUGENE DIETZGEN CO.
MADE IN U. S. A.

NO. 341-L33 DIETZGEN GRAPH PAPER
LOGARITHMIC
3 CYCLES X 3 CYCLES



$Q_1 = 1,610$

$Q_2 = 3,150$

Q in MCF/Day

$\log Q_1 = 3.20683$

$\log Q_2 = 3.49831$

NOTE: FLOW RATES WERE RUN BY THE DECREASING SEQUENCE RATHER THAN THE INCREASING SEQUENCE DUE TO THE AMOUNT OF FLUID THE WELL WAS MAKING.

$n = .71329 = .713$