

BACK PRESSURE CURVE

Operator DALPORT OIL CORP. Lease OWEN FEDERAL Well No. 1County CHAVES Field LUCKY LAKE Location H. SEC. 21, T15S, R29EDate of Test 12-28-72 Slope "n" 0.893 W.H. _____ Abs. _____Calc. W.H. Potential _____ MCF/D Calc. Abs. Potential 3051 MCF/D

EUGENE DIETZGEN CO.

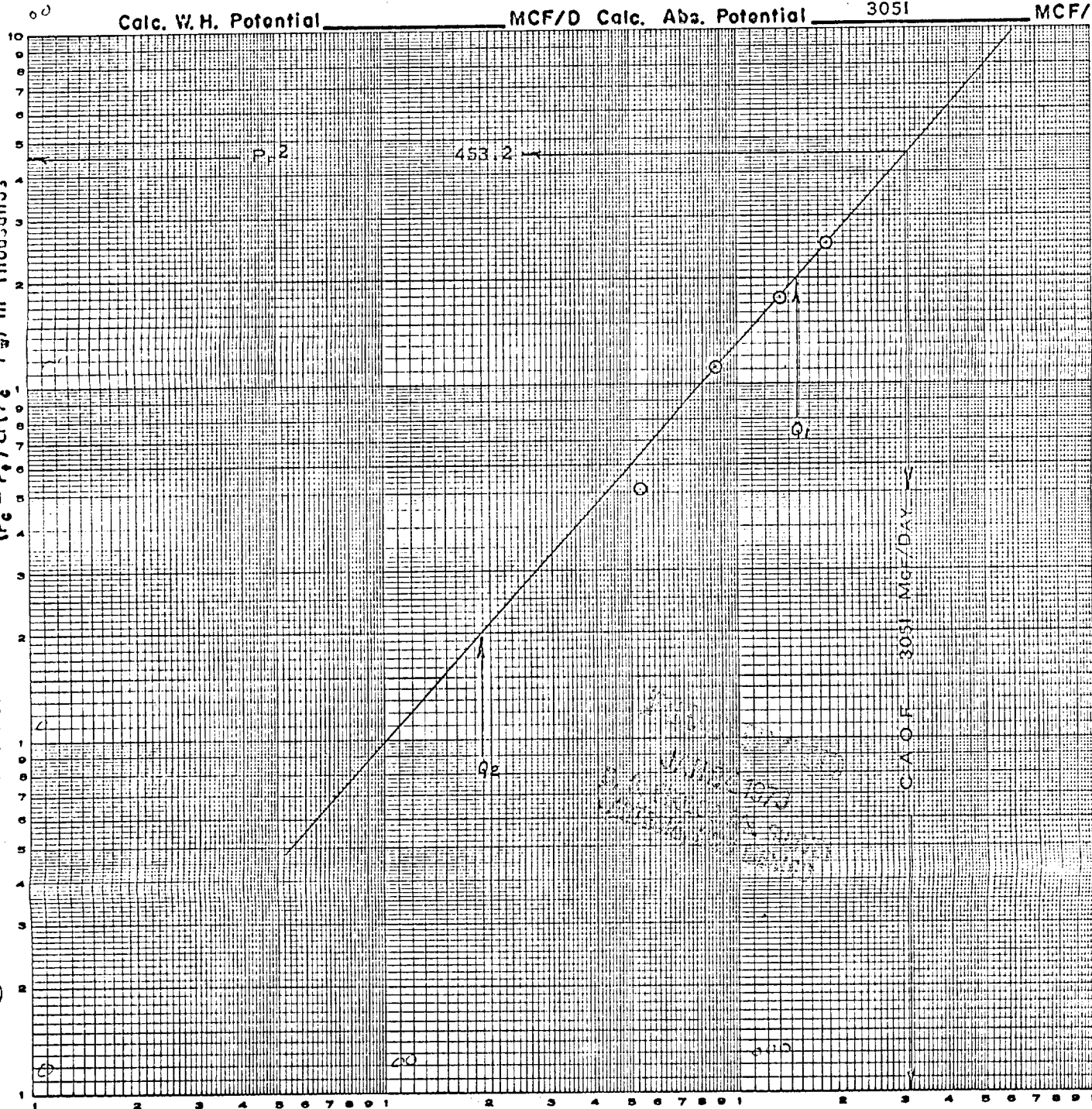
MADE IN U. S. A.

 $(P_c^2 - P_i^2) Q (P_c^2 - P_w^2)$ in Thousands

NO. 241-L33 DIETZGEN GRAPH PAPER

LOGARITHMIC

3 CYCLES X 3 CYCLES



$$\text{SLOPE (N)} = Q_1 = 1460 = 7.1643529$$

$$Q_2 = 187 = 6.2718416$$

$$0.8925113$$

Q in MCF/Day

$$\text{ABS. POT.} = 1797 \left(\frac{453.2}{250.5} \right)^{0.893} = 3051 \text{ MCF/DAY}$$