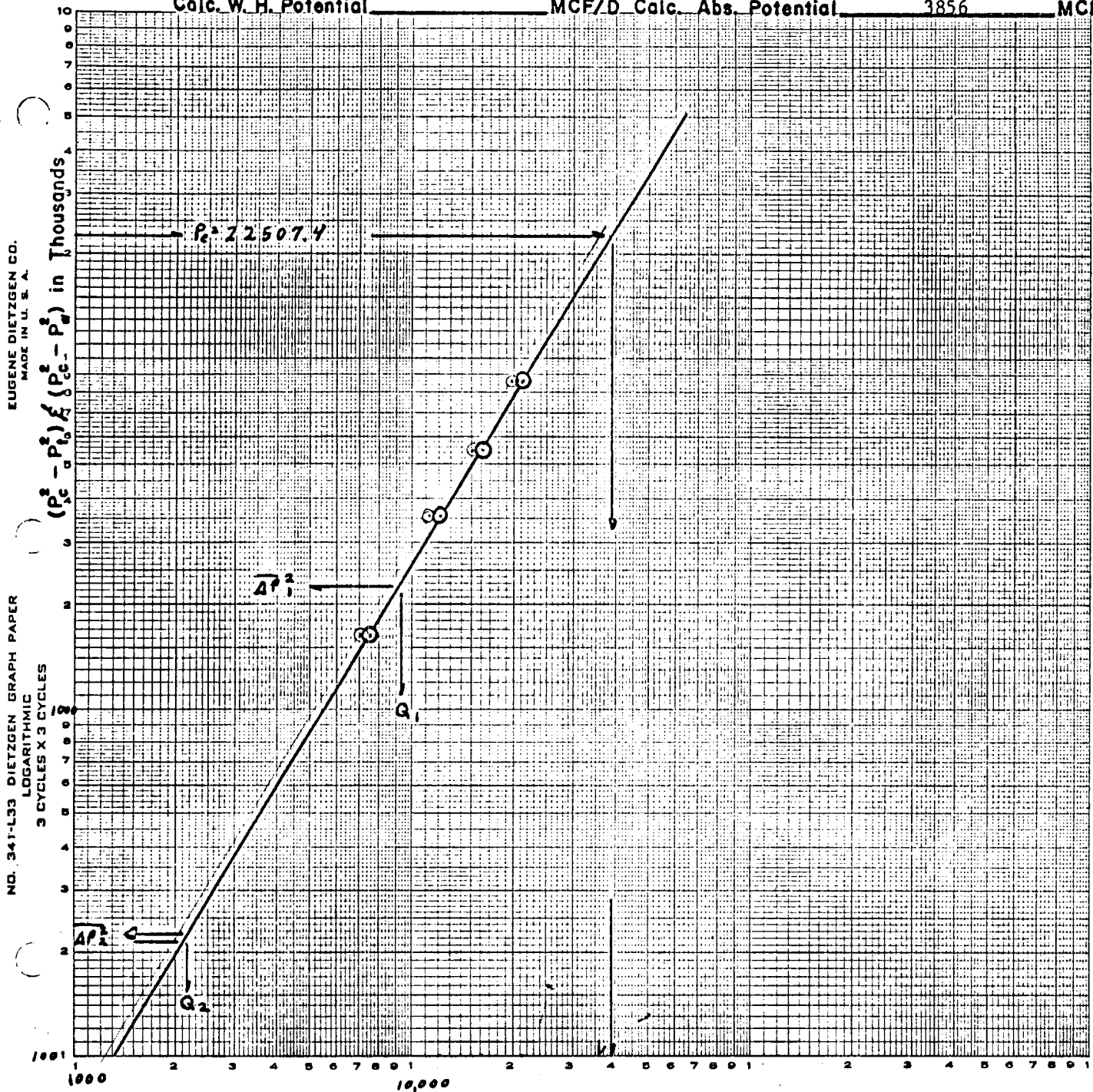


BACK PRESSURE CURVE

Operator PENNZOIL UNITED, INC. Lease ECHOLS Well No. 1
 County EDDY Field SOUTH CARLSBAD GAS Location J-SEC. 12-T23S-R26E
 Date of Test 2-24-71 Slope "n" .62487 W.H. Abs.

Calc. W.H. Potential MCF/D Calc. Abs. Potential 3856 MCF/D



$$\Delta P_1 \quad P_e^2 - P_w^2 = 2250$$

$$\Delta P_2 \quad P_e^2 - P_w^2 = 225$$

$$Q_1 = 217 \text{ Mcfd}$$

$$Q_2 = 217 \text{ Mcfd}$$

Q in MCF/Day

$$\text{Log } Q_1 = 2.962369$$

$$\text{Log } Q_2 = 2.336460$$