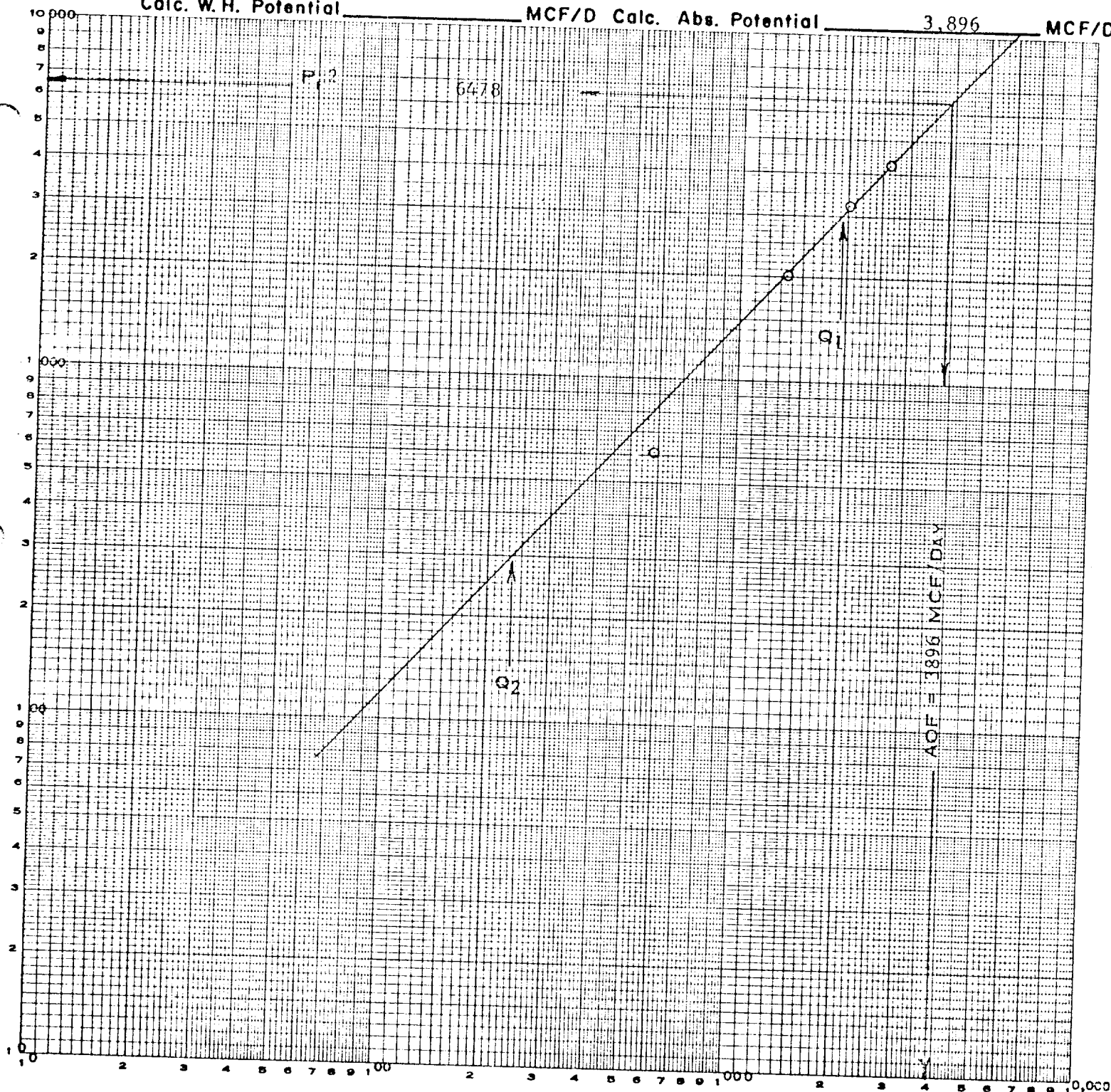


BACK PRESSURE CURVE

ARTICIA, OFFICE

Operator ADOBE OIL COMPANY Lease SMITH FEDERAL Well No. 1
 County EDDY Field ROCK TANK Location SEC. 14, T23S, R24E
 Date of Test 10-21-72 Slope "n" 0.915 W.H. Abs.
 Calc. W.H. Potential MCF/D Calc. Abs. Potential 3,896 MCF/D



Q in MCF/Day

$$\text{SLOPE (N)} = Q_1 = 1925 = 7.2844307$$

$$Q_2 = 234 = 6.3692159$$

$$.9152148$$

$$\text{AOF} = 2624 \left(\frac{6478}{4206} \right)^{.915}$$

$$= 3896 \text{ MCF/DAY}$$