

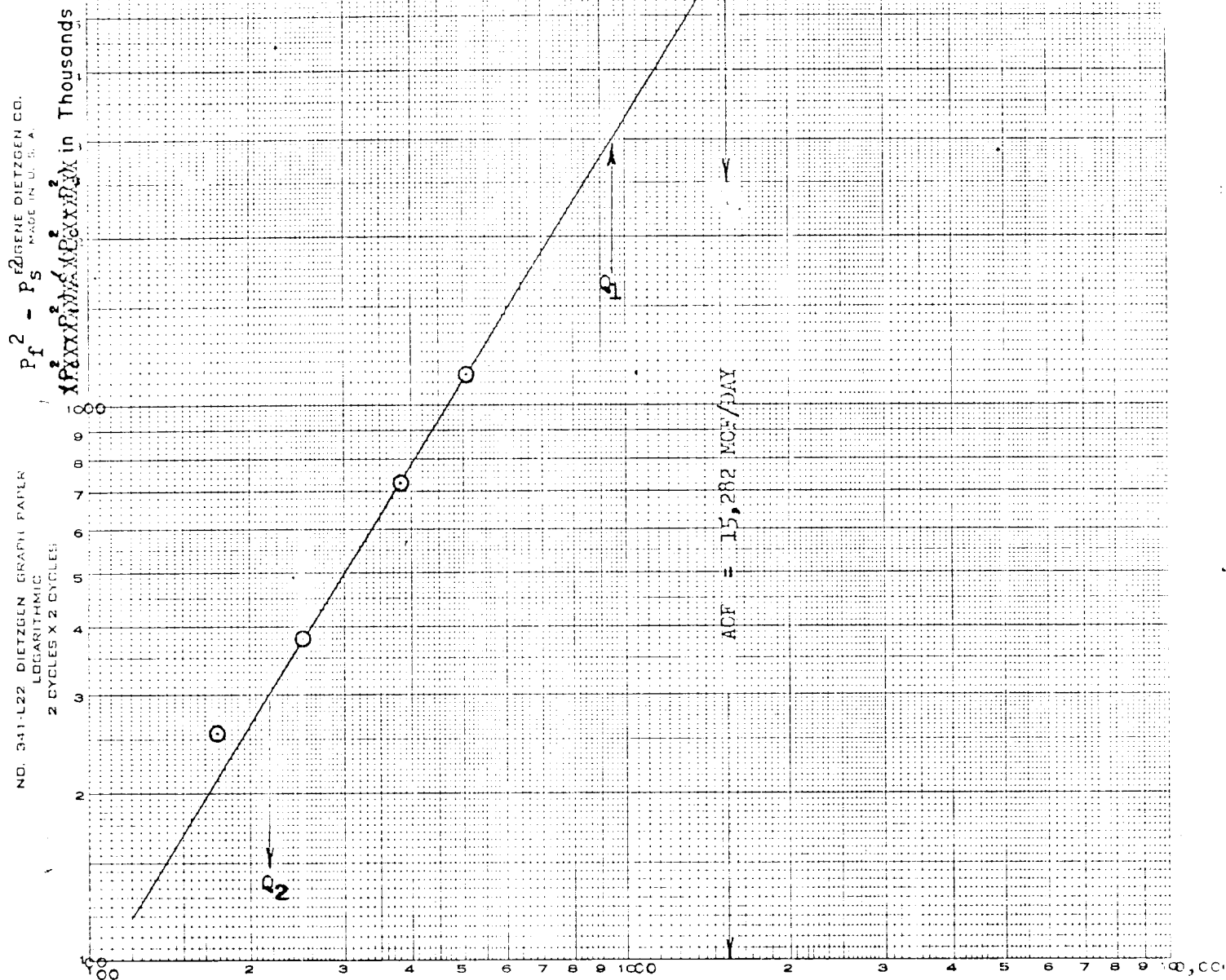
BACK PRESSURE CURVE

Operator BLACK RIVER COOPERATION Lease CITIES 3 FEDERAL Well No. 2

County EDDY Field WASHINGTON RANCH Location 3-26S-21E

Date of Test 10-8-72 Slope "n" 0.639 W.H. 0.639 Abs.

Calc. W. H. Potential MCF/D Calc. Abs. Potential 15,282 MCF/D



SLOPE (n) = $Q_1 = 9450 = 7.9754318$ Q in MCF/Day $AOF = 5059 \left(\frac{6142}{1142} \right)^{.639} = 15,282$ MCF/D.

$Q_2 = 2170 = 7.3364597$

$(n) = 0.6389721$