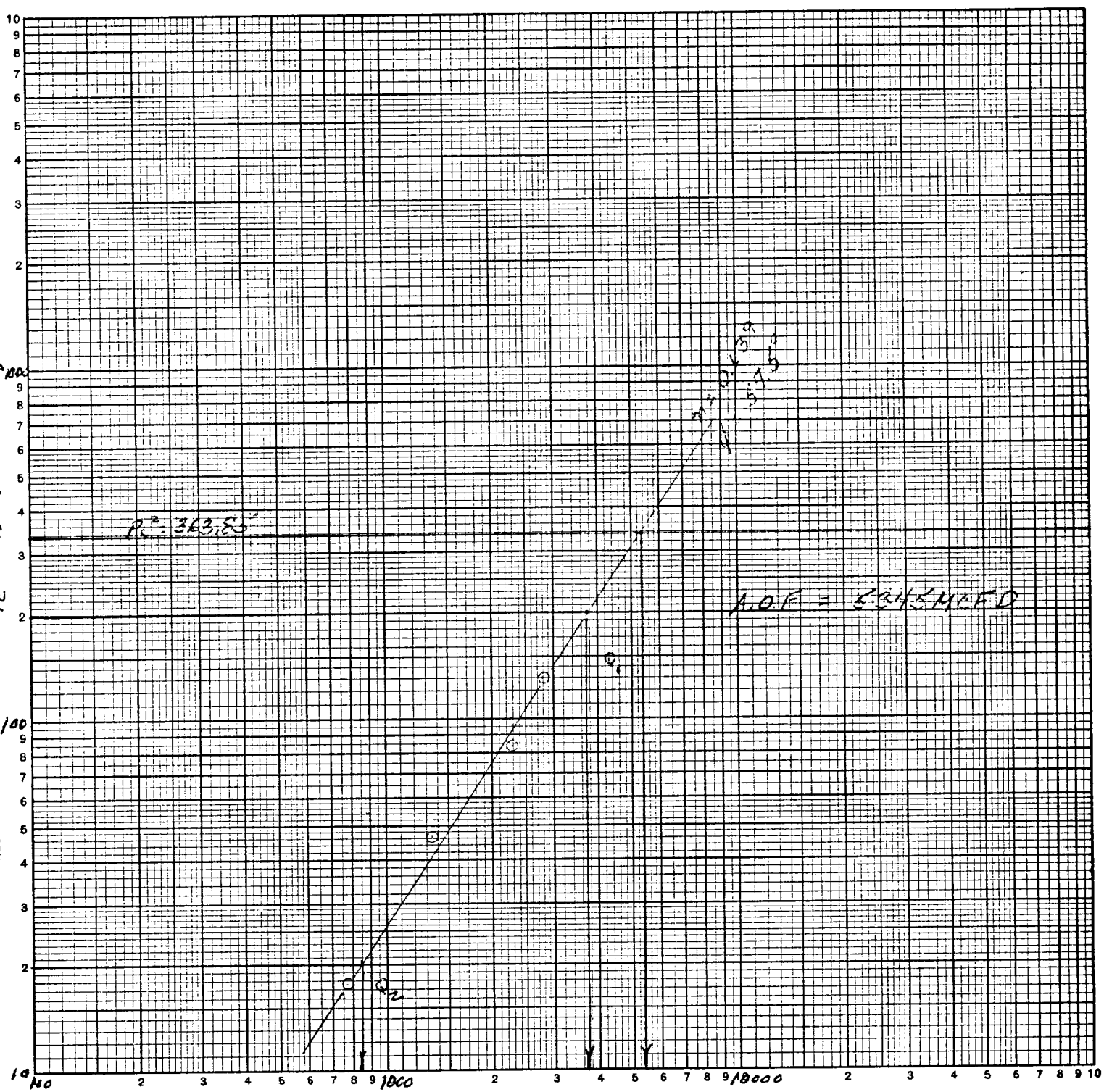


THE ATLANTIC RICHFIELD Co
 Mc DONALD STATE WN 27
 U - S-14 - T-225 - R-36E
 LEA COUNTY, N.M.
 8-19-74

$P_L^2 - P_{wL}^2$ (thousands)

46 7403
 LOGARITHMIC
 3 X 3 CYCLES
 KEUFFEL & ESSER CO.
 MADE IN U.S.A.



Q - MCFD

Q₁ = 3700 MCFD Log = 3.568202
 Q₂ = 850 MCFD Log = 2.929419

 n = 0.638783
 n = 0.639 ϕ = 57.5°