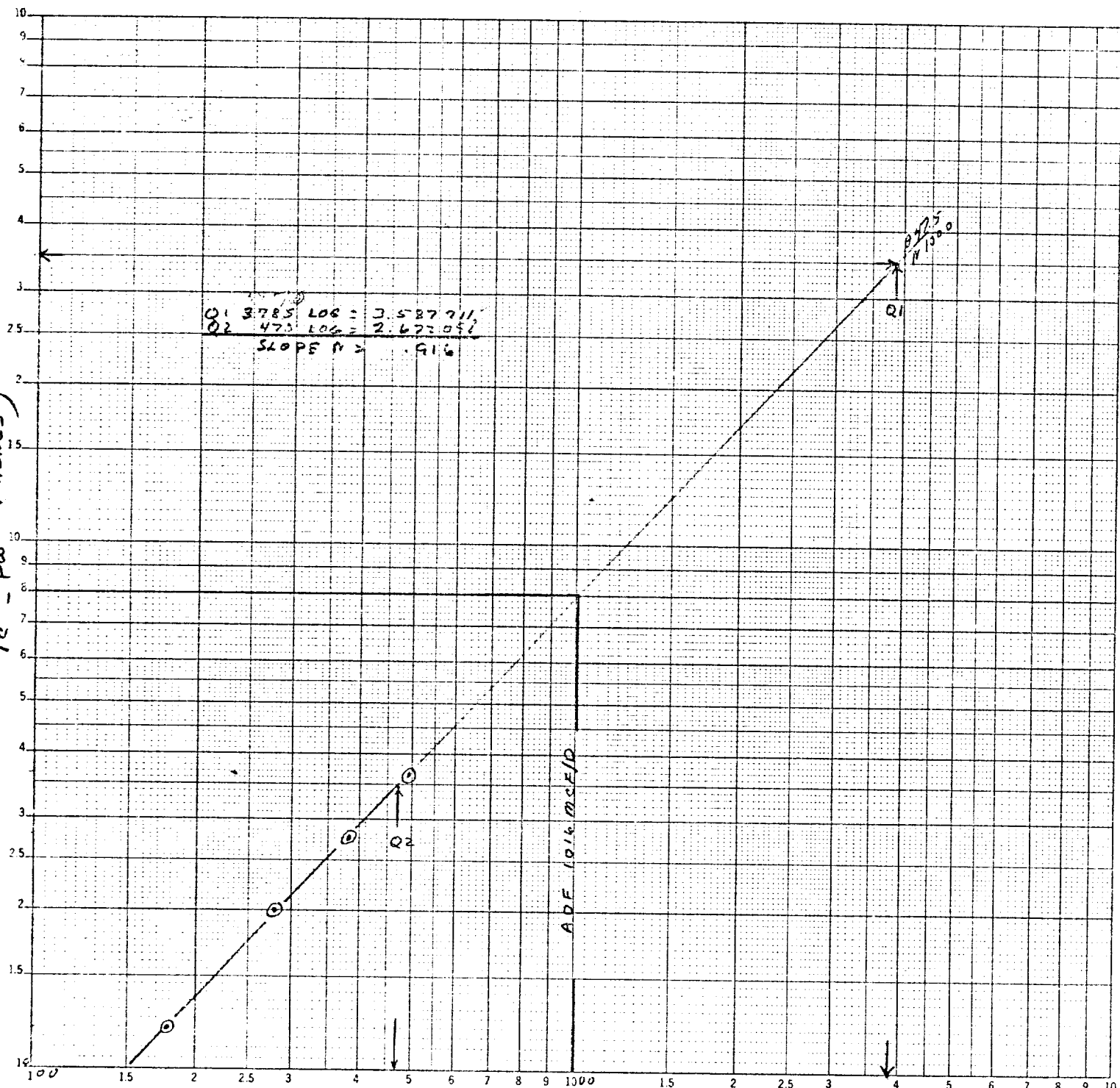


ATLANTIC RICHFIELD
 Cooper WN No. 3
 12-24-36 Lea County, New Mexico
 September 4, 1973

LOGARITHMIC 46 7200
 2 X 2 CYCLES
 KEUFFEL & ESSER CO.

$P_{e2} - P_{w2}$ (HSDs)



$$Q = MCP/D$$