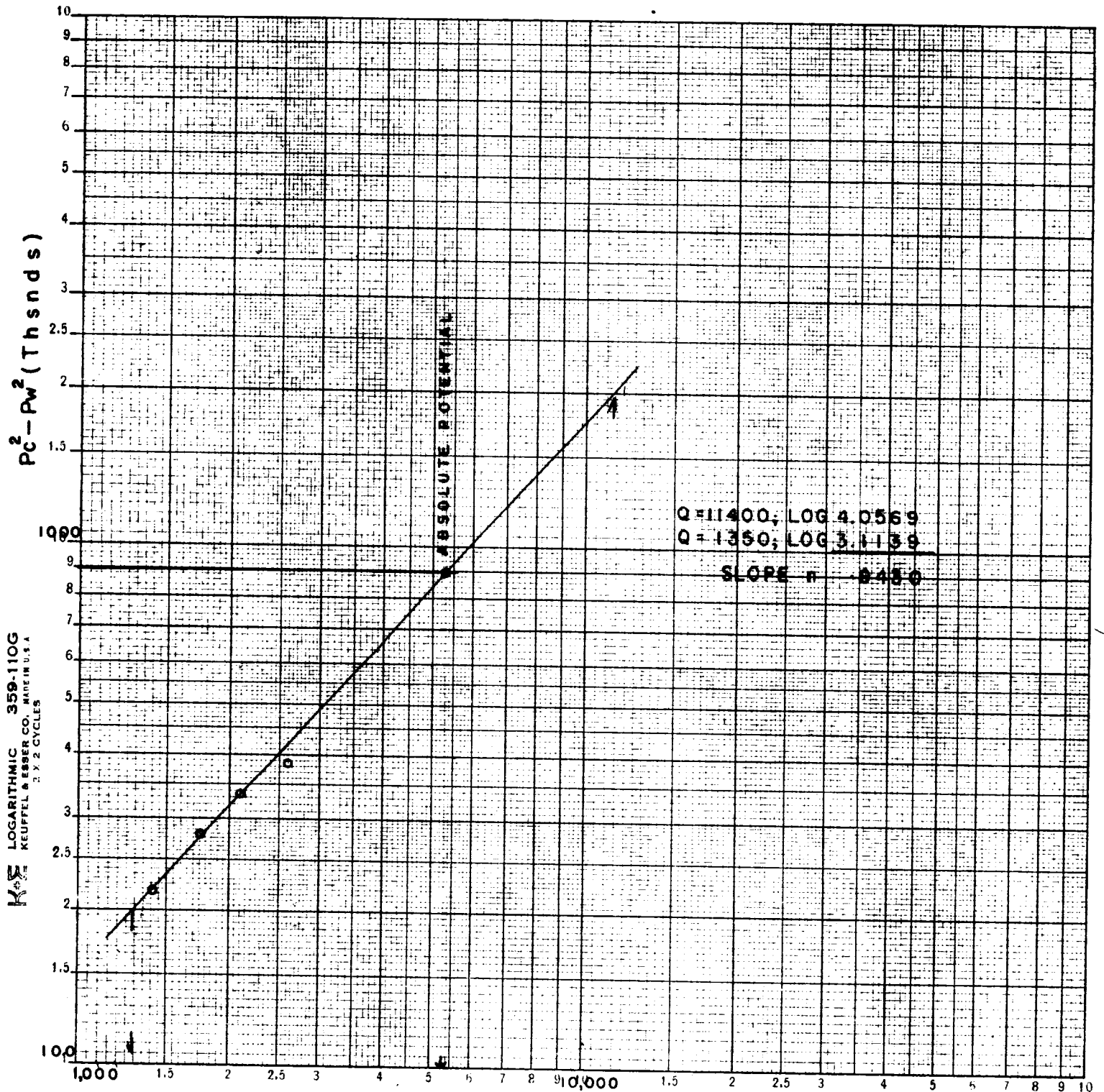


Company Amerada Petroleum Corporation
 Well 1 State "D" No. 3
 Location F-1-20S-36E
 County Lea
 Date July 5, 1956



KE LOGARITHMIC 359-110G
 KEUFFEL & ESSER CO. MADE IN U.S.A.
 2 X 2 CYCLES

$Q = 11400 = 4.060698$
 $Q = 12800 = \frac{3.107210}{.953488}$