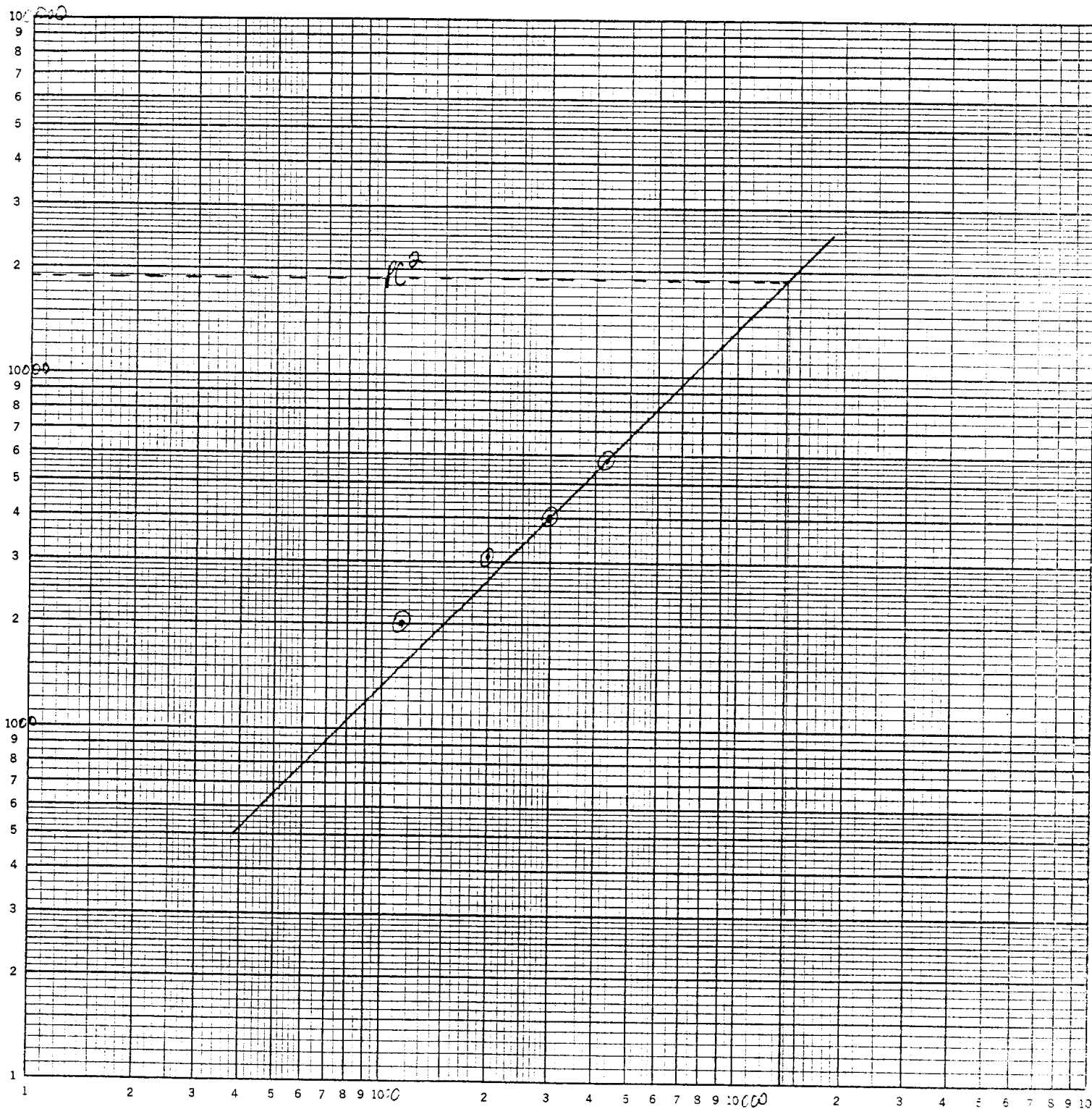


Union Oil Company of California
Federal 31-G Well No. 1
Section 31-19S-33E
Lea County, New Mexico

46 7403

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



Q = MCFD
CAOF = 13879
 $\theta = 45^\circ$, N = 1