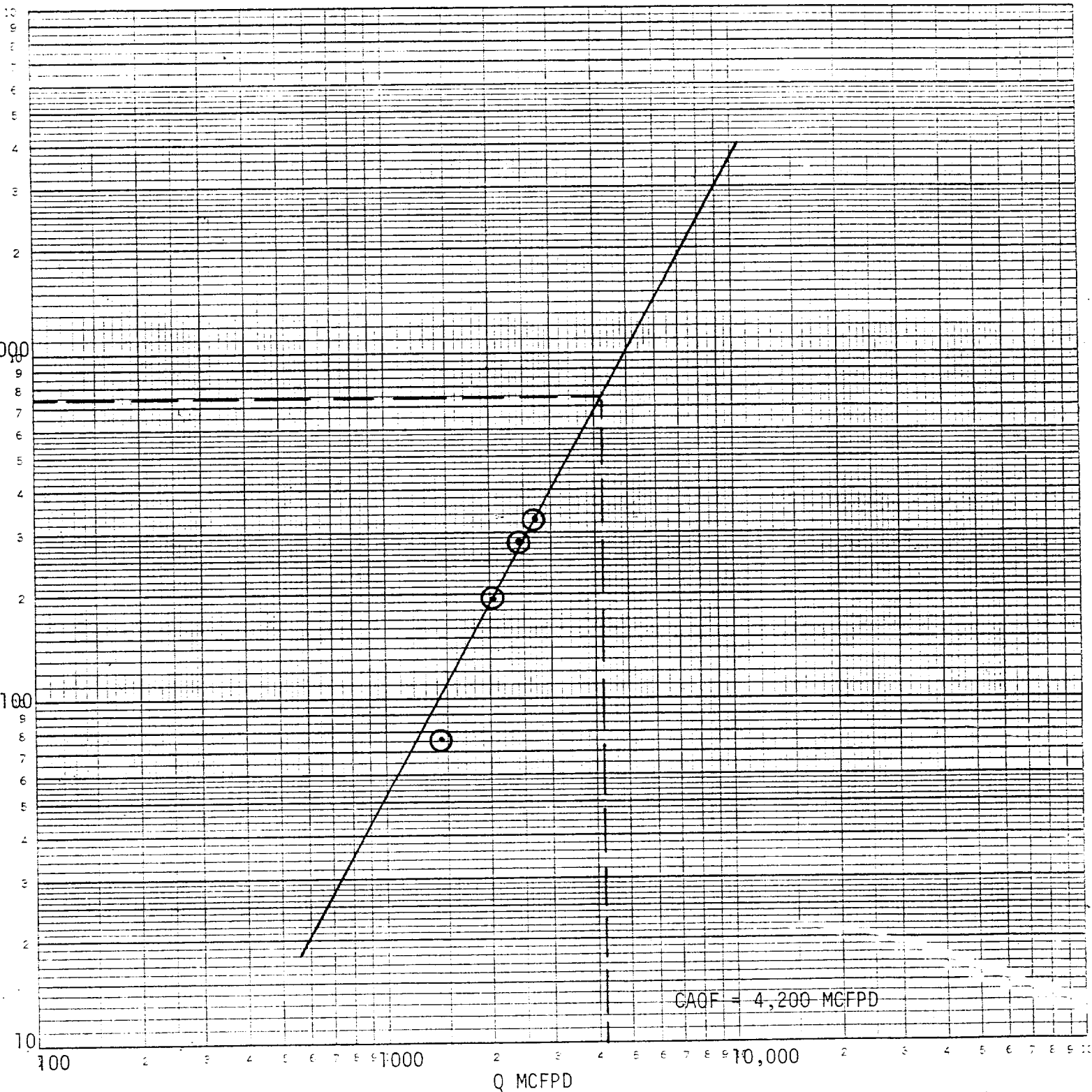


MESA PETROLEUM CO.
 DAV... NO. 2
 SEC. 1, T7S, R25E
 CHAVES COUNTY, NEW MEXICO
 7-24-81

PC - RW - 11005000000
 46 7403

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



$$n = \frac{1}{\text{slope}} = \frac{\log Q_2 - \log Q_1}{\text{cycle}} = \frac{\log 5000 - \log 1400}{\text{cycle}} = \frac{3.70 - 3.15}{\text{cycle}} = .55$$

$$\theta = 61.2^\circ$$