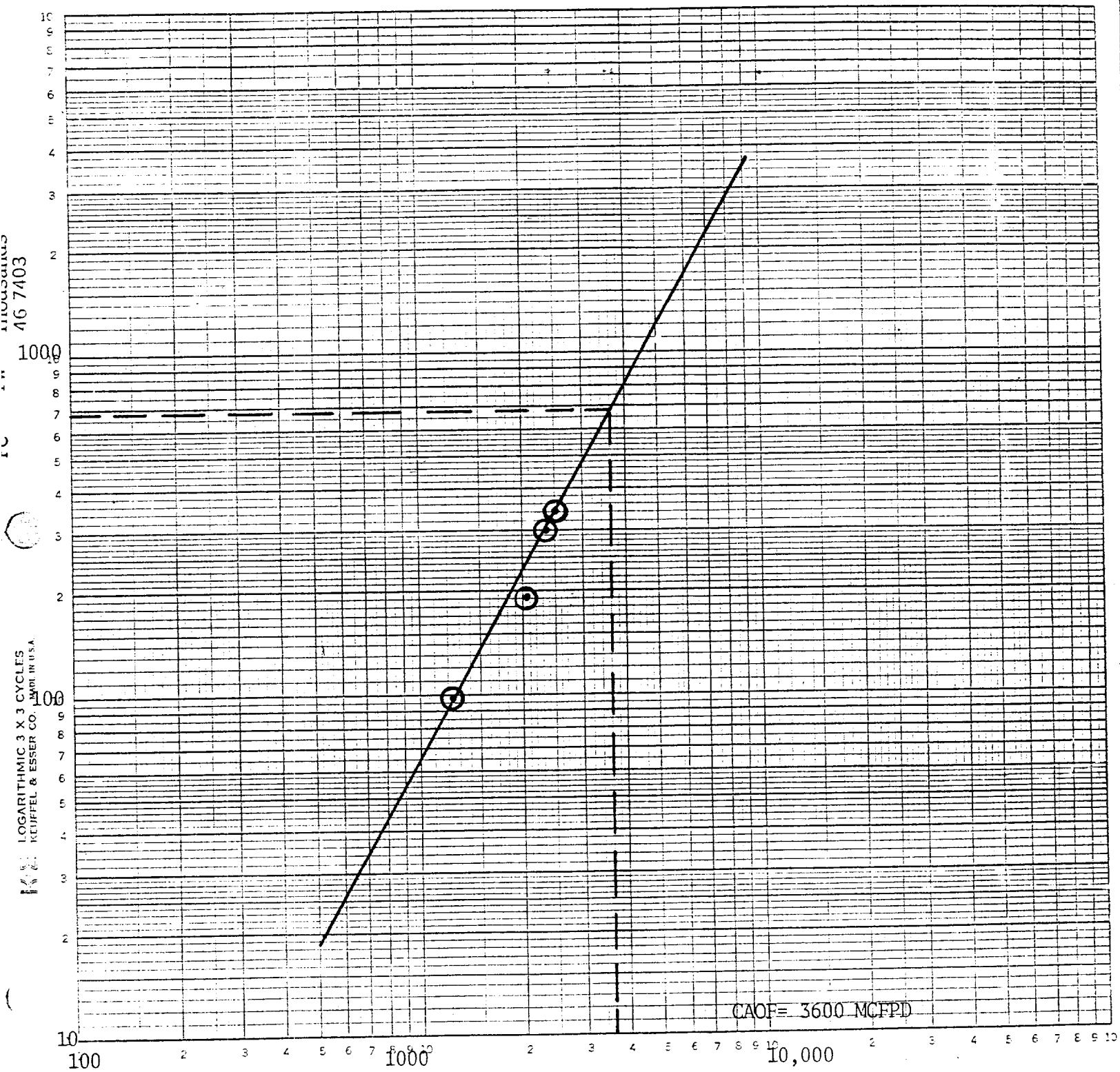


MESA PETROLEUM CO.
 ROW 7 TOP STATE NO. 1
 SE 10, T7S, R23E
 CHAVES COUNTY, NEW MEXICO
 7-15-81



$$n = 1/\text{slope} = \frac{\text{Log } Q_2 - \text{Log } Q_1}{\text{cycle}} = \frac{\text{Log } 4500 - \text{Log } 1275}{\text{cycle}} = 3.65 - 3.11 = .54$$

$$\theta = 61.6^\circ$$