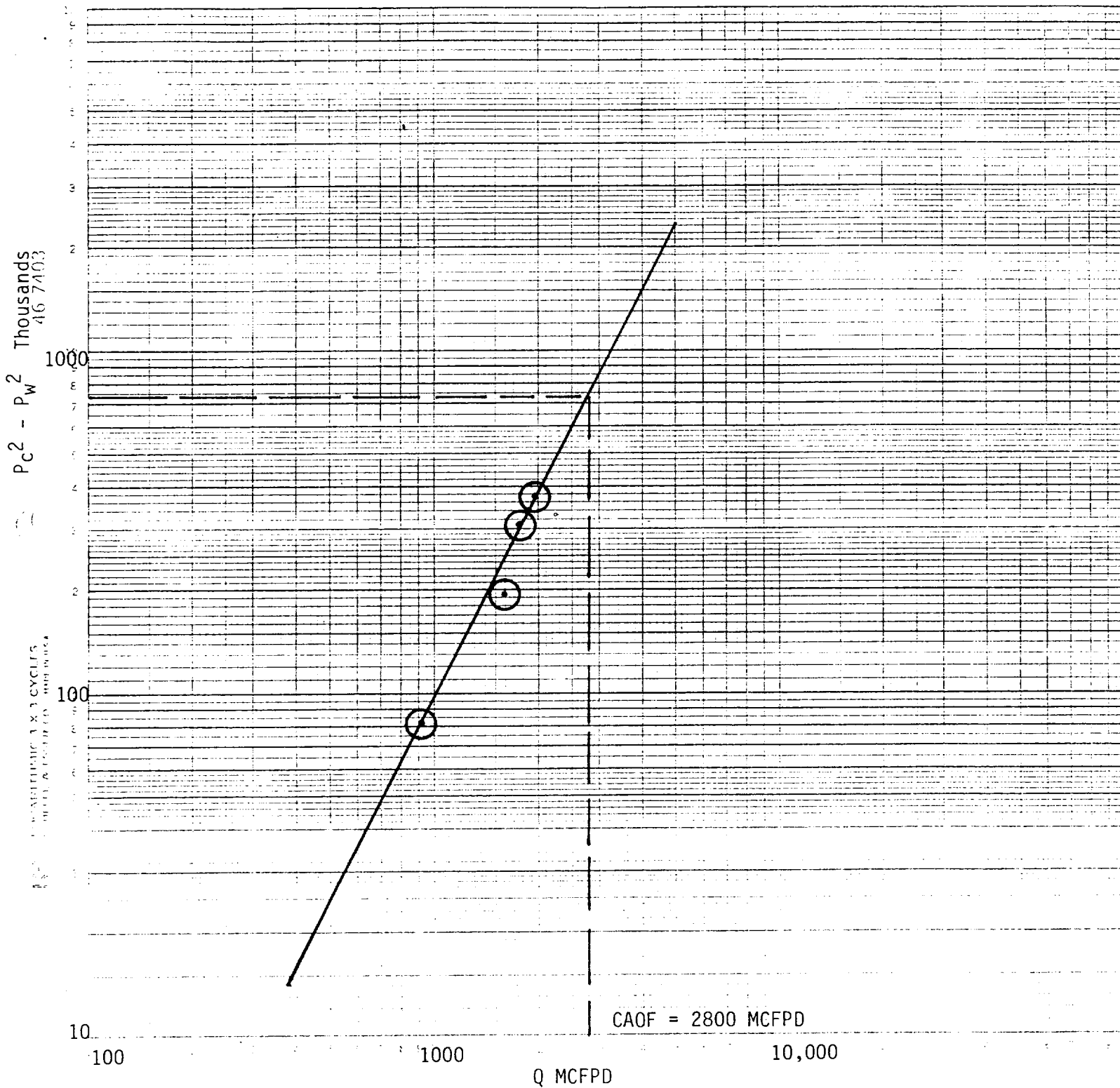


Mesa Petroleum Co.  
 Alkali Federal No. 1  
 Sec. 33, T5S, R25E  
 Chaves Co., NM



$$N = 1/\text{slope} = \frac{\text{Log } Q_2 - \text{Log } Q_1}{\text{Cycle}} = \frac{\text{Log } 3200 - \text{Log } 1000}{\text{Cycle}} = 3.51 - 3.0 = .51$$

$$\theta = 63^\circ$$