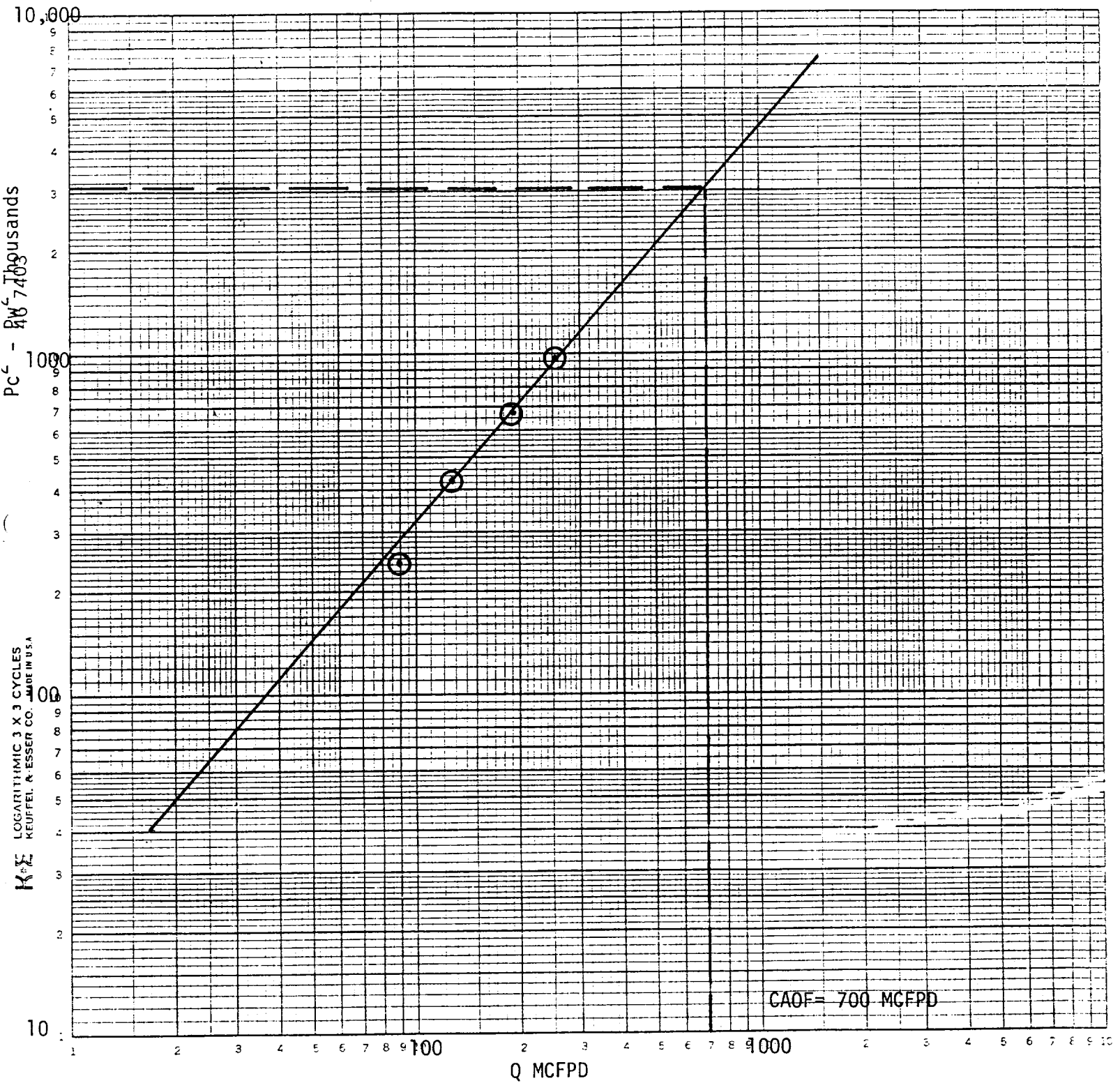


MESA PETROLEUM CO.  
SINK FEDERAL #2  
SEC 9, T16S, R27E  
EDDY CO., NEW MEXICO  
9-23-81



$$n = \frac{1}{\text{slope}} = \frac{\text{Log } Q_2 - \text{Log } Q_1}{\text{cycle}} = \frac{\text{Log } 265 - \text{Log } 36}{\text{cycle}} = \frac{2.42 - 1.55}{\text{cycle}} = .87$$

$\theta = 48.9^\circ$