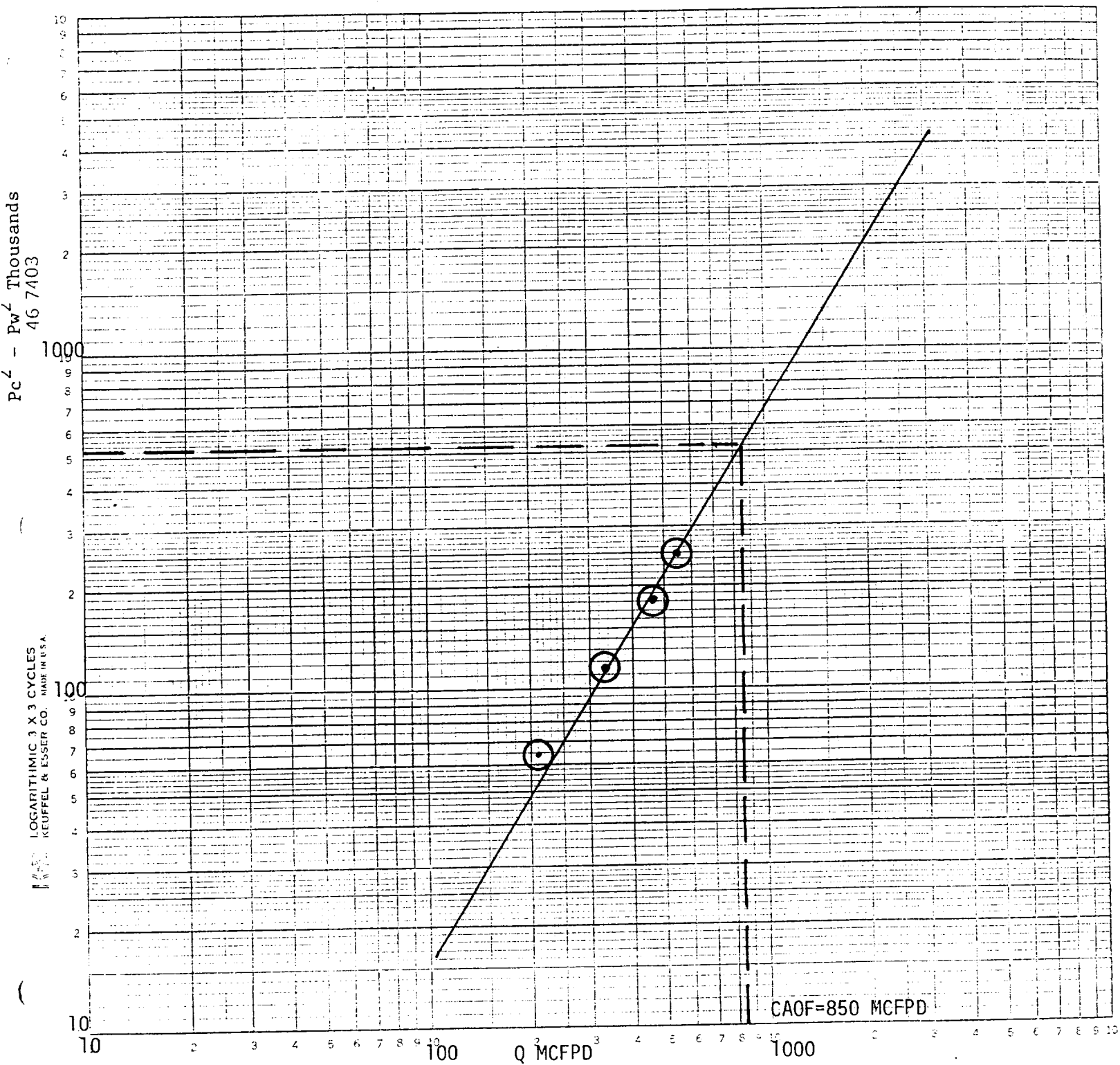


Form C-122
Revised 9-1-55

For 12-18-51
ID-3 x 12-18-51
SI

MESA PETROLEUM CO.
 Salt Federal No. 4
 Sec. 5, T8S, R23E
 Chaves Co., New Mexico
 10-7-81



$$N = 1/\text{slope} = \frac{\log Q_2 - \log Q_1}{\text{Cycle}} = \frac{\log 1270 - \log 310}{\text{Cycle}} = \frac{3.10 - 2.49}{\text{Cycle}} = .61$$

$$\theta = 58.6^\circ$$