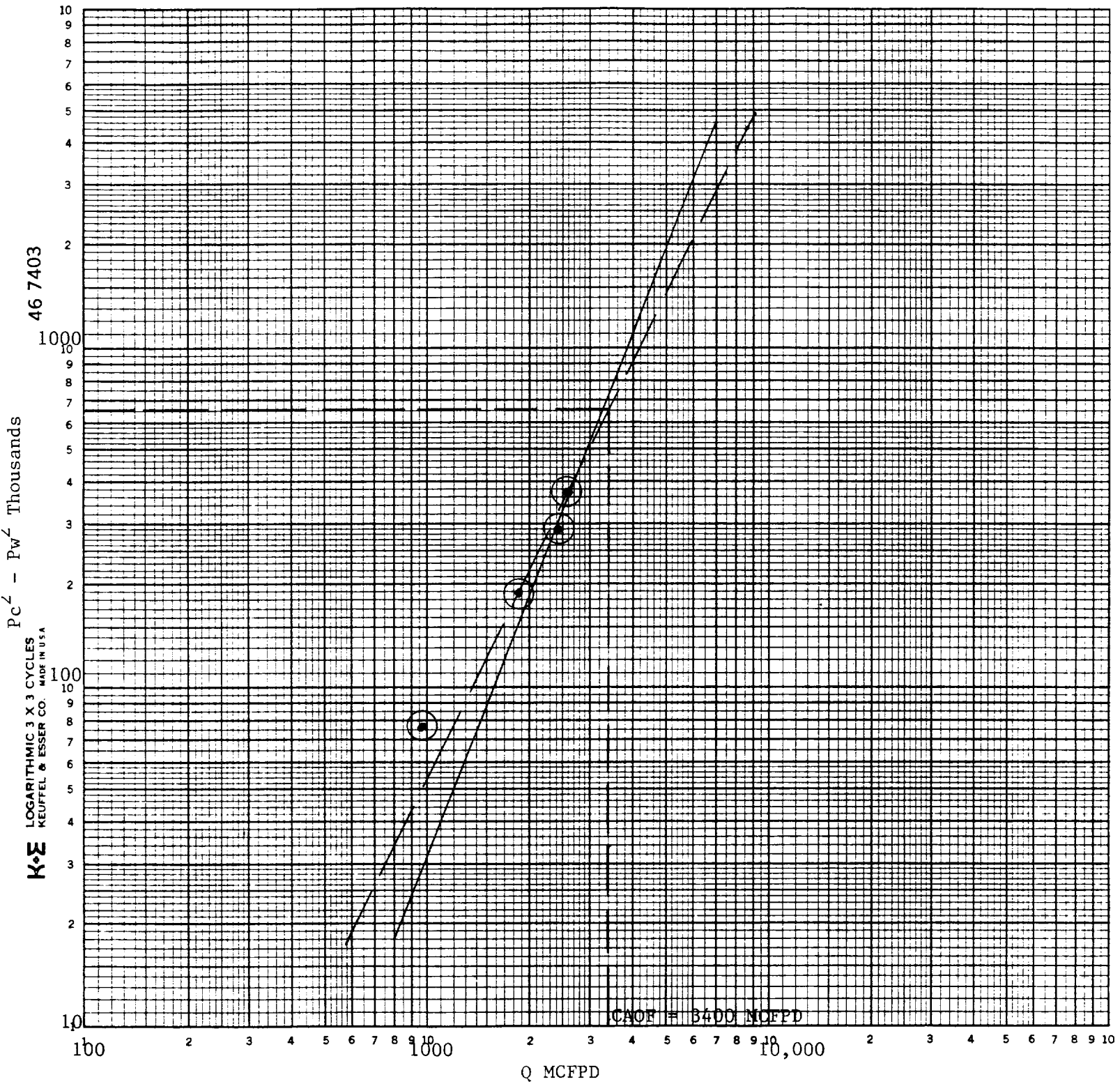


MESA PETROLEUM CO.
 DEBBIE FEDERAL #7
 CHAVES COUNTY, NEW MEXICO
 12-14-83



ASSUMED N = .5 & $\theta = 63.5^\circ$