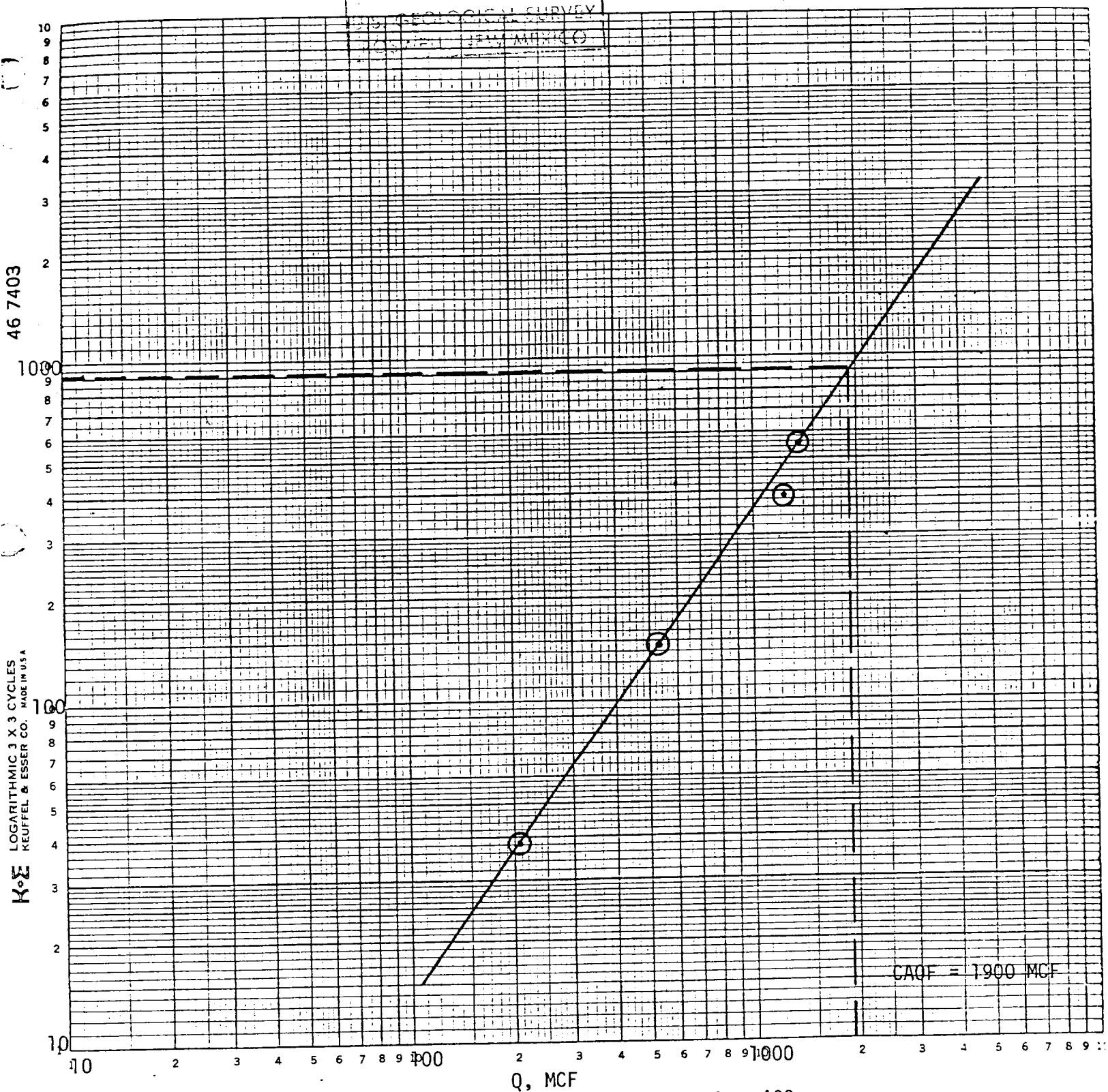


ACCEPTED FOR RECORD
ROGER A. CHAPMAN

MAY 22 1981

Me Petroleum Co.
Coyote Federal #5
Sec 19, T7S, R25E
Chaves County, New Mexico
4-19-81



$$n = 1/\text{slope} = \frac{\log Q_2 - \log Q_1}{\log \text{cycle}_2 - \log \text{cycle}_1} = \frac{\log 2200 - \log 400}{\log 1900 - \log 1000} = \frac{3.34 - 2.60}{.74} = .74$$

$$\theta = 53.5^\circ$$