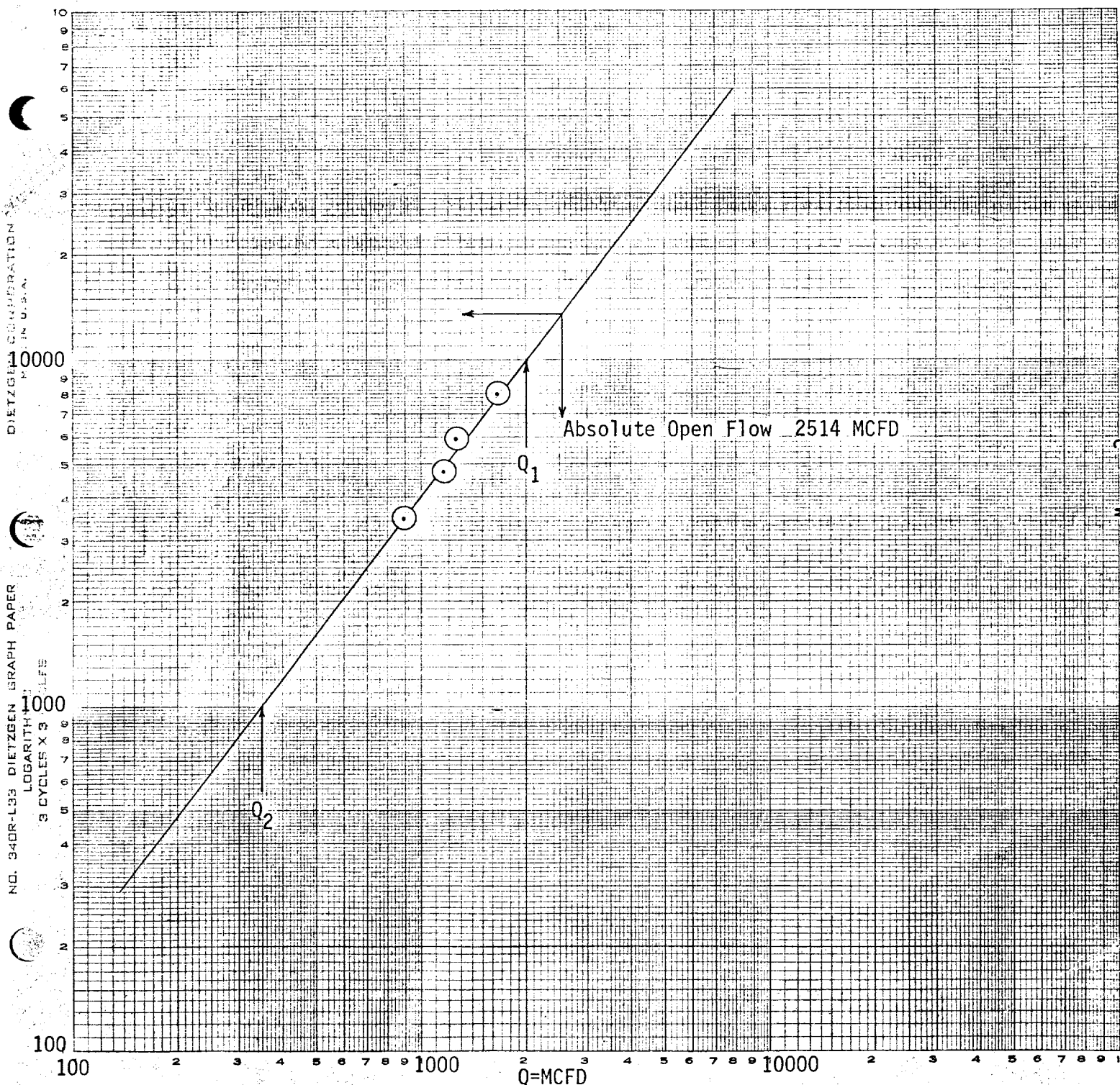


COMPANY: Southland Royalty Company
 WELL: Empire Federal A Comm.1
 LOCATION: C, Sec. 27, T-18-S, R-29-E
 COUNTY: Eddy County, NM
 DATE: July 7, 1980



Q₁ = 2005
 Q₂ = 350

Log Q₁ = 3.3021

Log Q₂ = 2.5440

n = .7581 ≈ .758