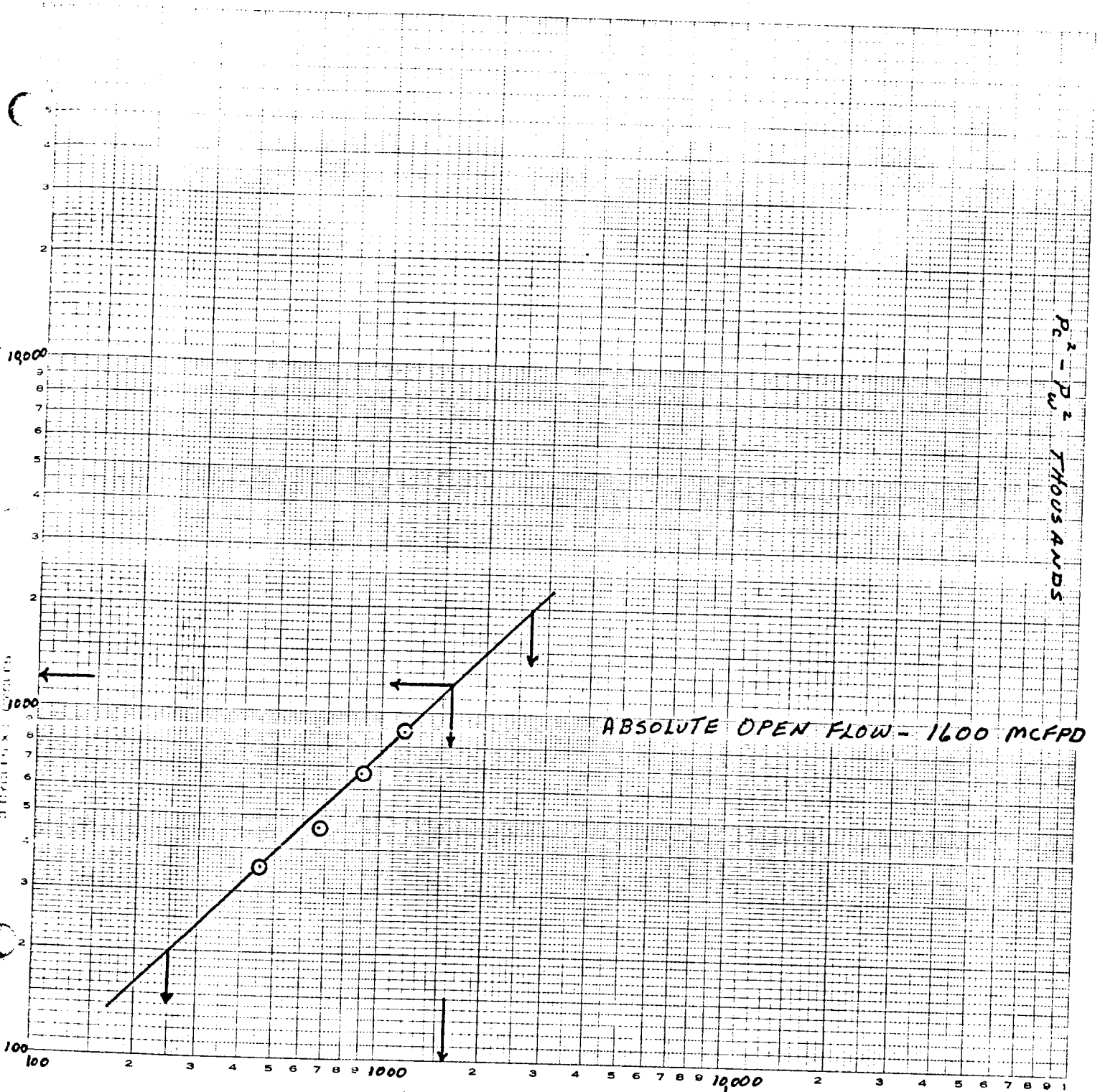


COMPANY: SOUTHLAND ROYALTY COMPANY  
 WELL: STATE "23 COMM. #1  
 LOCATION: J 23 T-19-S, R-29-E  
 COUNTY: EDDY  
 DATE: 11-21-78



$Q_1 = 2700$

$\text{LOG } Q_1 = 3.43136$

$Q_2 = 250$

$\text{LOG } Q_2 = 2.39794$

$n = 1.033$