

SEMI-LOGARITHMIC 46 5490
3 CYCLES X 70 DIVISIONS MADE IN U.S.A.
KEUFFEL & ESSER CO.

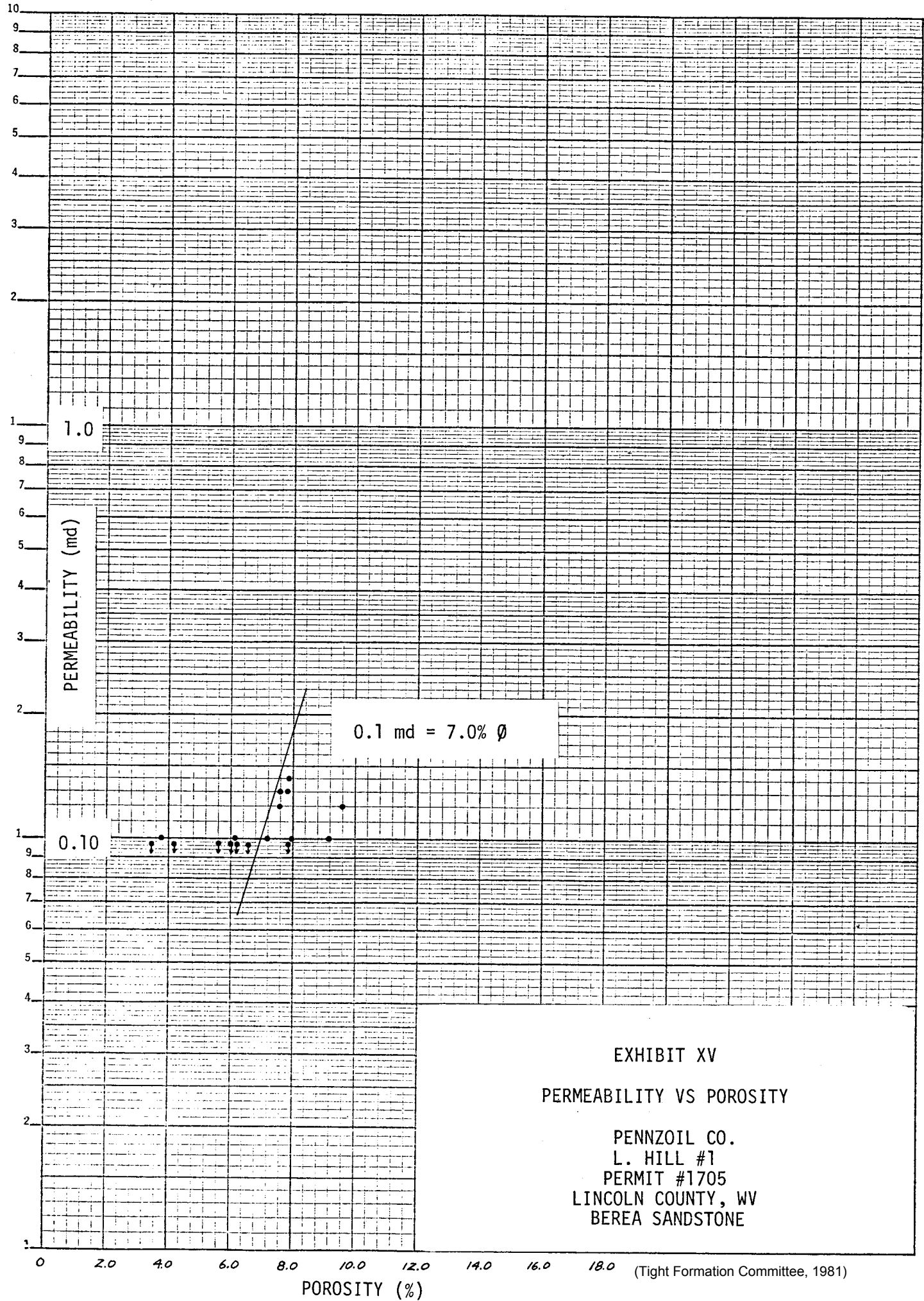


EXHIBIT XV
PERMEABILITY VS POROSITY

PENNZOIL CO.
L. HILL #1
PERMIT #1705
LINCOLN COUNTY, WV
BEREA SANDSTONE

(Tight Formation Committee, 1981)