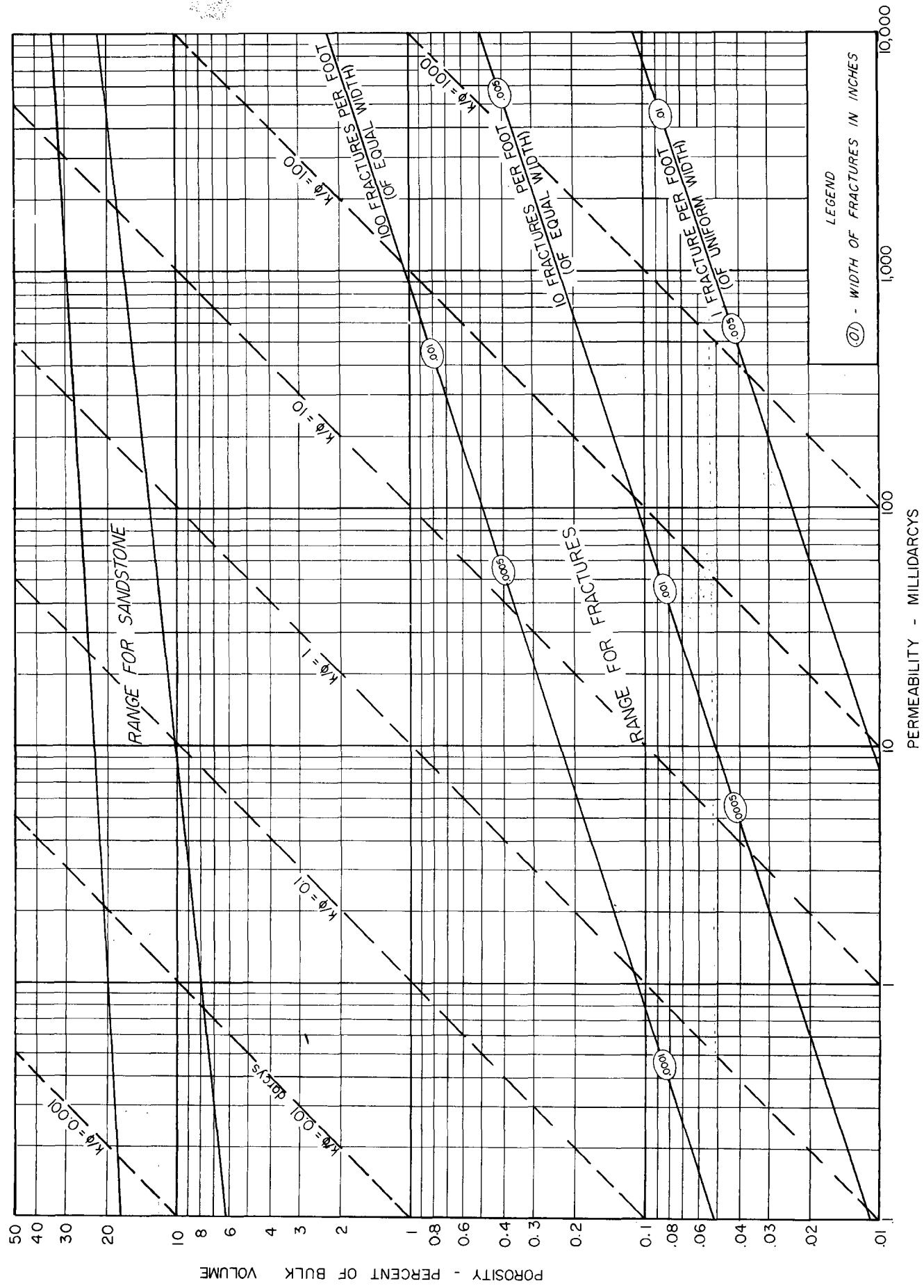


METHODS OF INTERPRETATION OF PRESSURE
BEHAVIOR IN THE OIL PRODUCING
FRACTURED SHALE RESERVOIRS OF
THE PUERTO CHIQUITO POOL
RIO ARriba COUNTY, NEW MEXICO

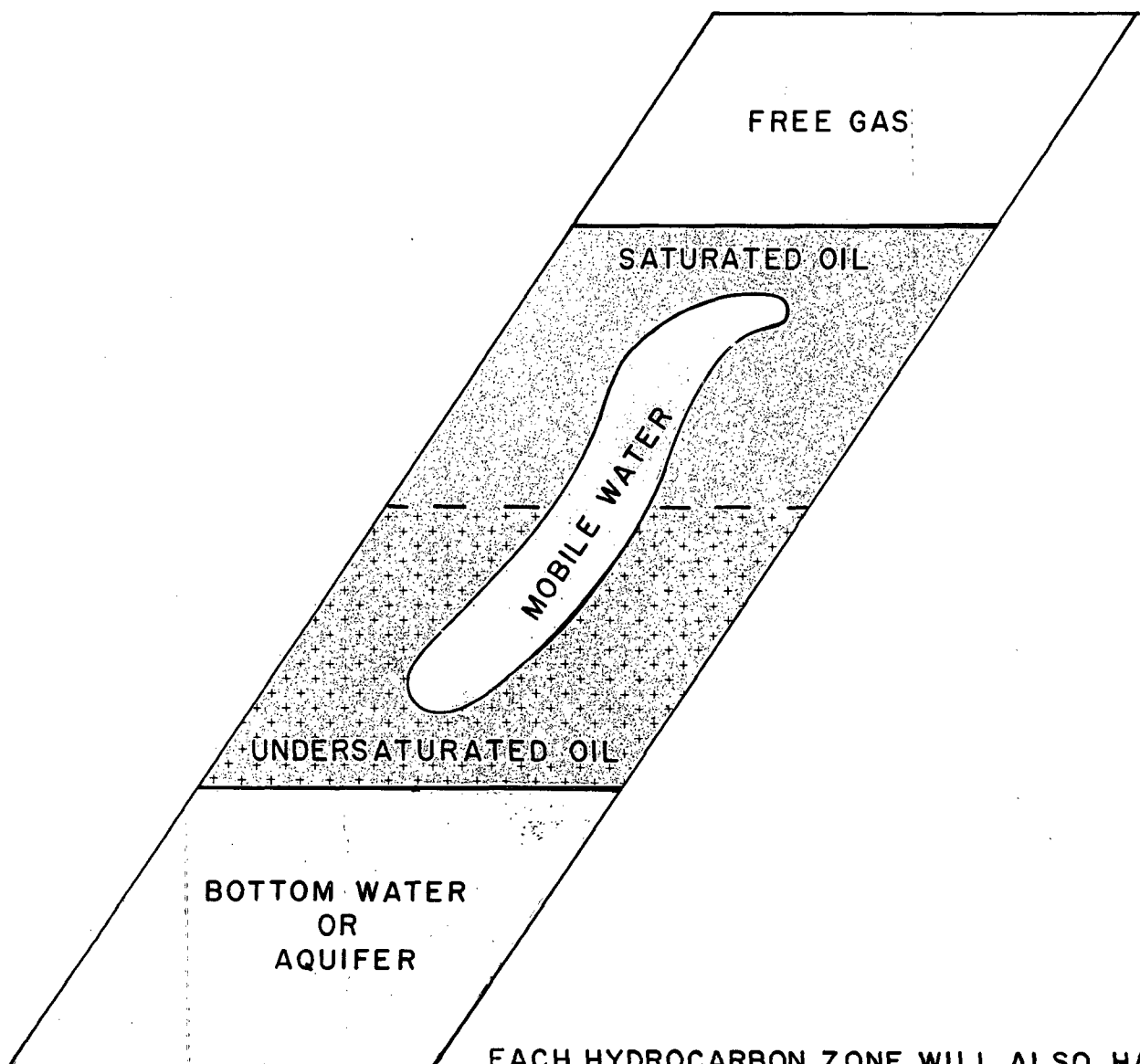
November 1, 1966

EXHIBIT NO. 1
NMOCD CASE NO. 3455
November 16, 1966

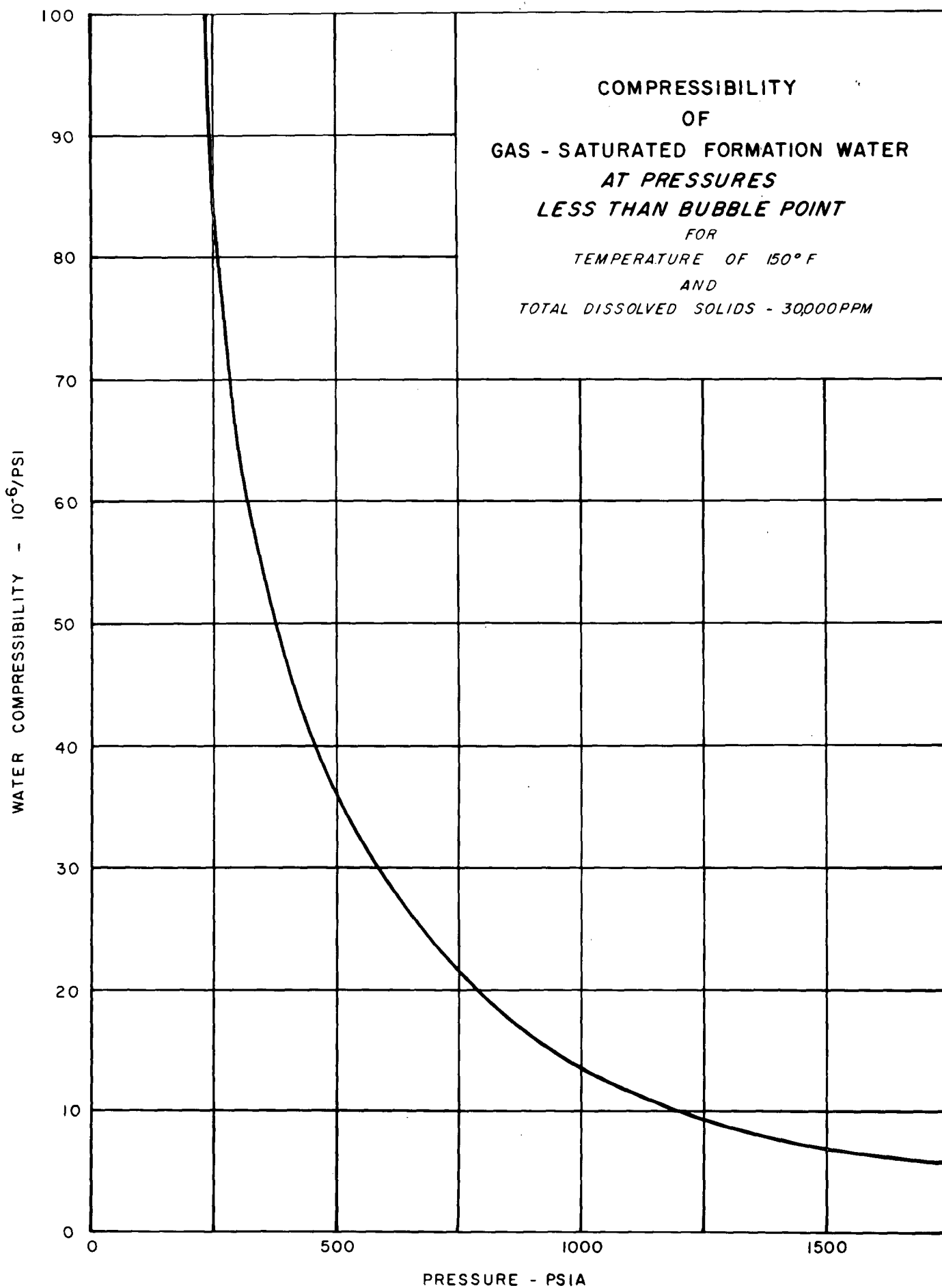
VALUES OF $K\phi$ FOR SANDSTONE RESERVOIRS AND FOR FLOW SYSTEMS OF FRACTURES IN AN IMPERMEABLE MATRIX
FRACTURES PARALLEL TO DIRECTION OF FLOW



SKETCH
SHOWING
COMPRESSIBLE
RESERVOIR FLUIDS



EACH HYDROCARBON ZONE WILL ALSO HAVE
CONNATE WATER-ALL ZONES SUBJECT TO
FORMATION COMPRESSIBILITY



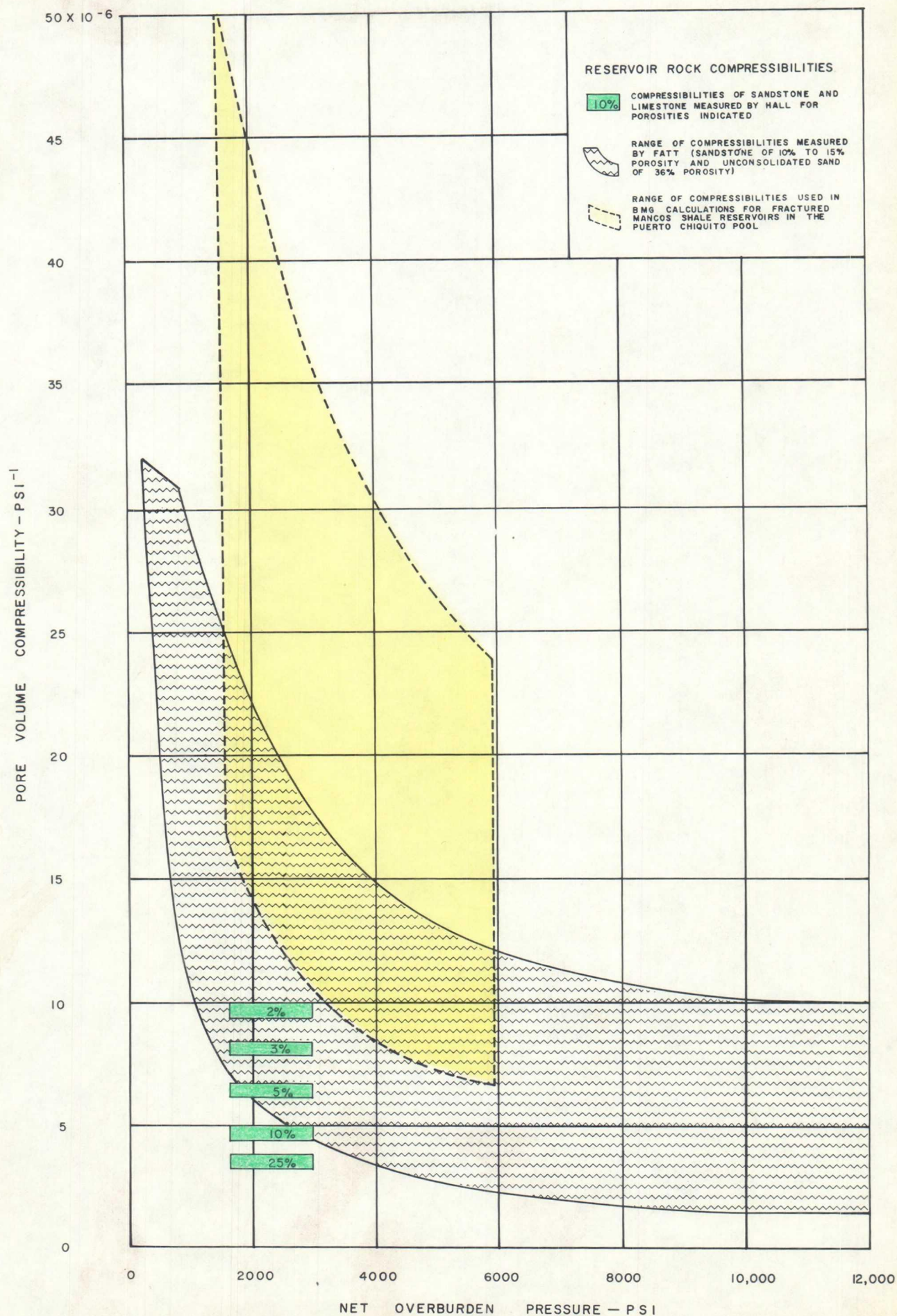
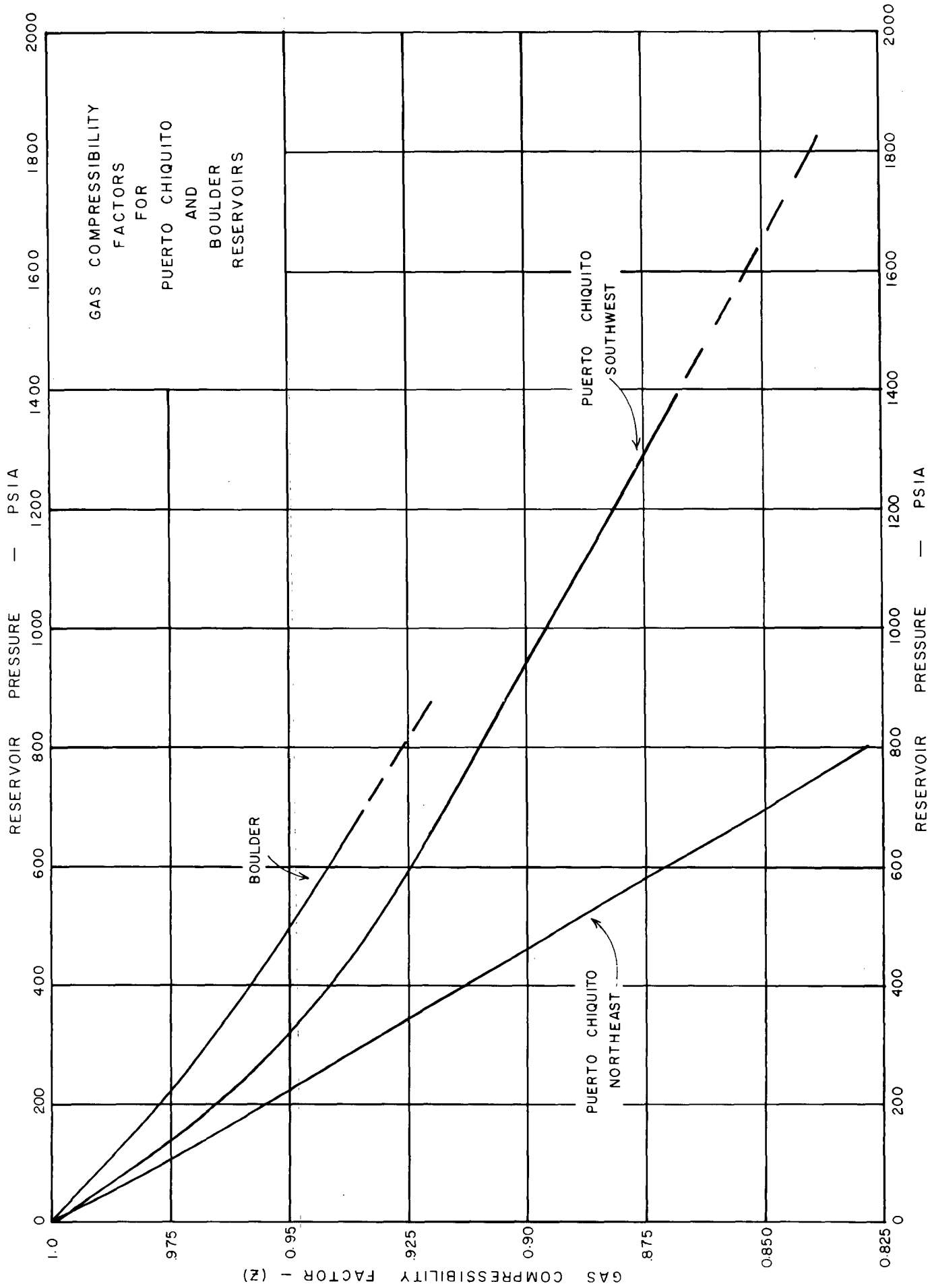


FIGURE NO. 8



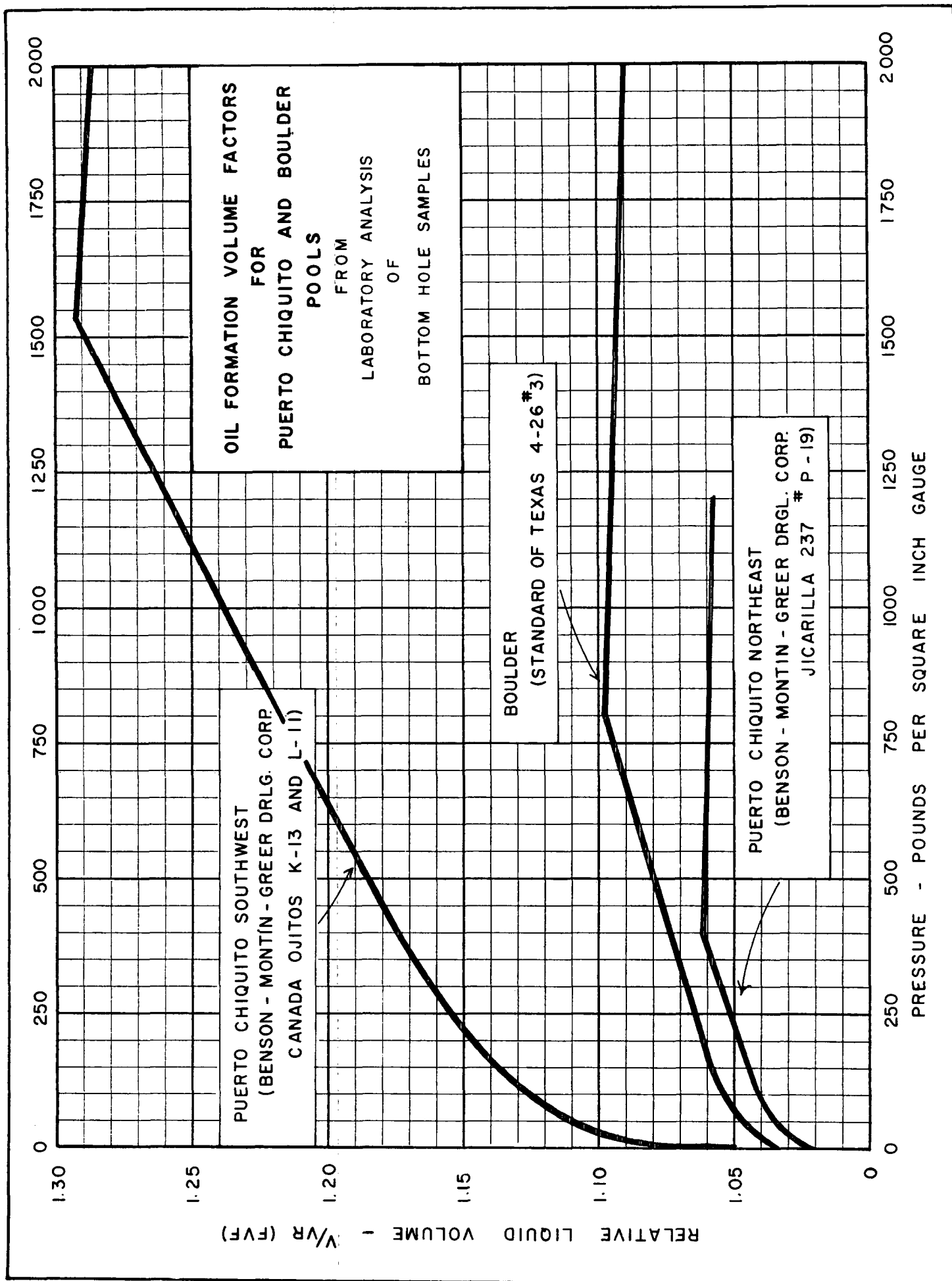
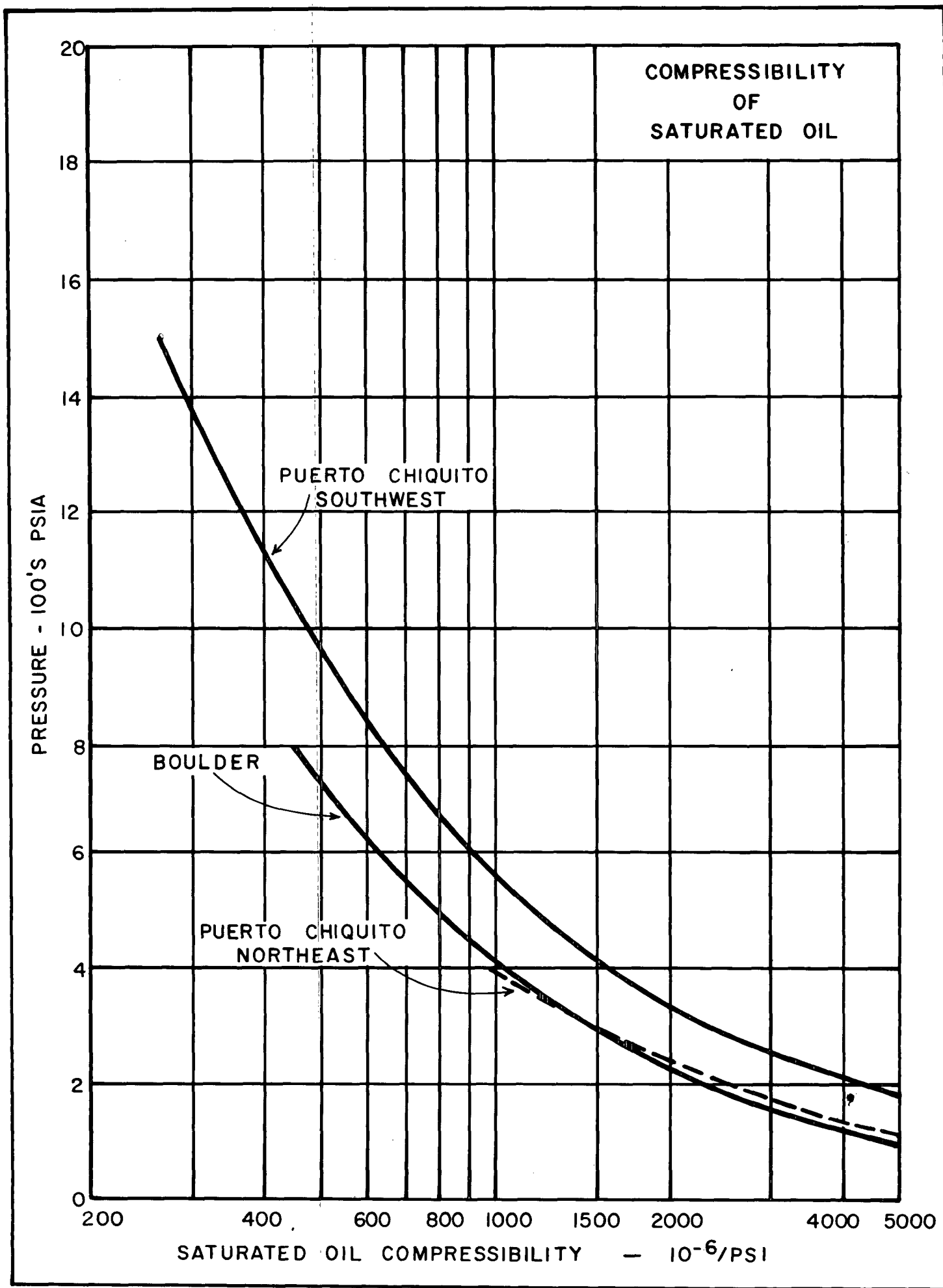


Fig. 4



PLOT OF
PRESSURES VS CUMULATIVE PRODUCTION

O A-23 OBSERVATION WELL PRESSURE

