Chowdhury and Noble, 1992
Author's affiliation: University of New Brunswick
Age: Late Devonian to early Carboniferous
Formation: Albert Formation
Location: Moncton Subbasin of southeastern New Brunswick, Canada
Well: Irving Chevron Stoney Creek 1
Depth range: 645 - 795 meters
Depositional Environment: lacustrine with associated fluvial-deltaic deposits
Lithology: Based upon 62 thin sections, composition is distributed among arkoses, subarkoses, sublitharenites, and quartz arenites.
Alteration: “To determine the factors that control permeability of the Albert Formation sandstones, the measured permeabilities for each available core sample were compared with the estimated volumes of secondary porosity, post-dissolution pore-fill chlorite, and post-dissolution ankerite. None of these three parameters shows any correlation with the sandstone permeability, suggesting that they are not permeability controlling factors.”
Production: oil and gas.
Core measurement conditions: Helium porosity. No information on permeability measurements.
Data entry: manual entry from Figure 11 of the referenced paper.