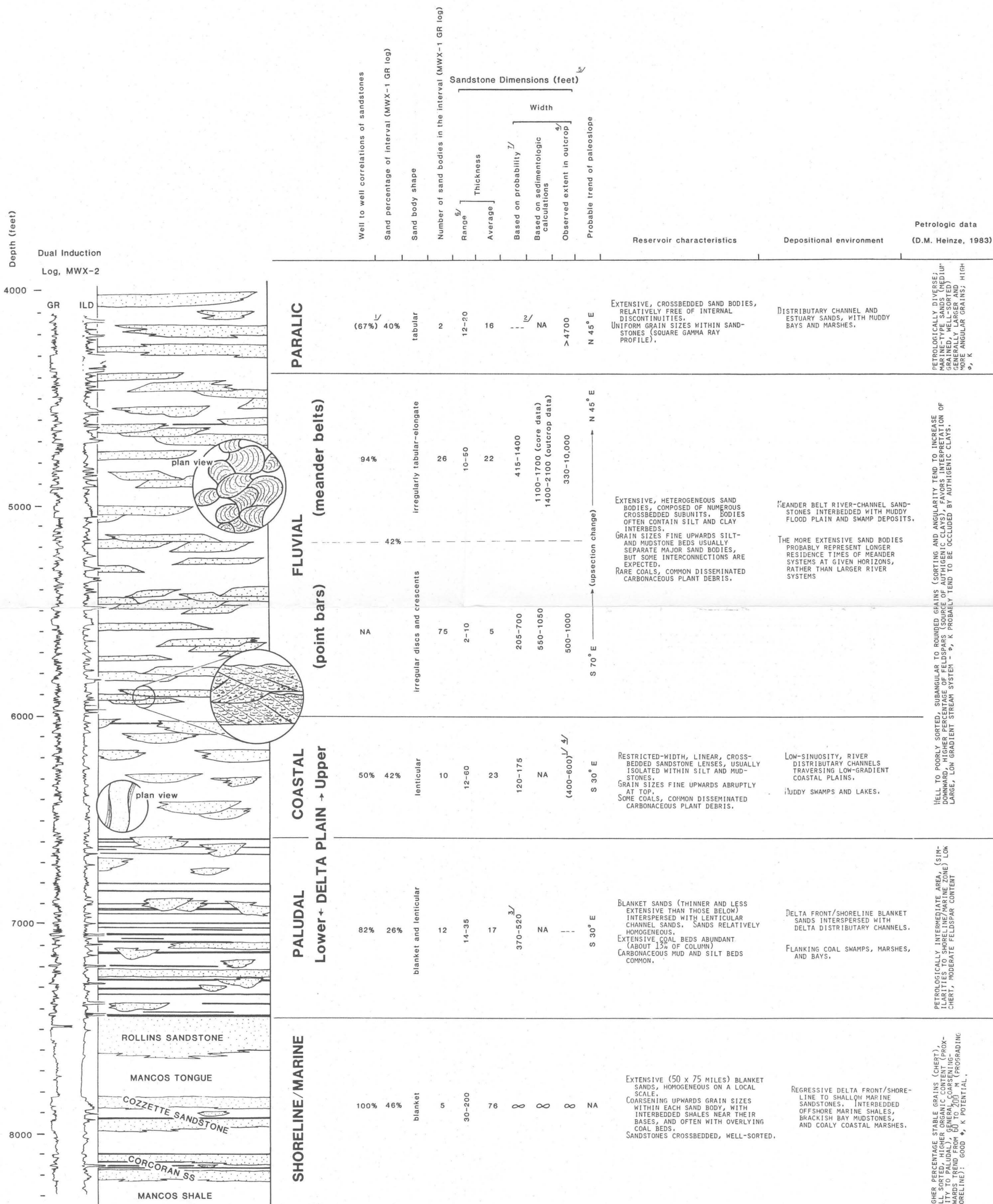


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GEOLOGIC CHARACTERISTICS OF MESAVERDE FORMATION SANDSTONES IN THE MWX WELLS



SCHEMATIC PROFILES OF SANDSTONES, PERPENDICULAR TO TREND OF PALEOSLOPE.

CROSSBEDDING, RIPPLES
 CLAY RIPOCLASTS
 BEDDING PLANE (CLAY-SURFACED)
 COAL

- 1/ PARENTHETIC NUMBERS ARE DERIVED FROM SMALL DATA SETS, OR ARE OTHERWISE SUBJECT TO REINTERPRETATION
- 2/ DATA INSUFFICIENT TO MAKE VALID CALCULATION
- 3/ PROBABLE MIXING OF TWO TYPES OF SAND BODIES MAKES THIS NUMBER QUESTIONABLE (SEE TEXT)
- 4/ OUTCROP DIMENSIONS ARE APPARENT WIDTHS WHICH MAY INCLUDE SIGNIFICANT PORTIONS OF THE LENGTH
- 5/ LENGTHS ARE INDETERMINATE >> WIDTHS
- 6/ SAND AND SILT BEDS AS THIN AS 2 FEET CAN BE SEEN ON LOGS, BUT ARE ECONOMICALLY UNIMPORTANT
- 7/ PROBABLE WIDTH VARIES WITH ESTIMATE OF BOREHOLE SEPARATION AT DEPTH

J.C. Lorenz 8/84

Plate 1.--Summary of reservoir characteristics in the different depositional environments encountered in the MWX holes.