



The wells are correlated on the top of the Roubidoux formation. The cross section shows the overlapping relations of the Roubidoux to the older rocks. It is evident that regional deformation and beveling preceded the deposition of the Roubidoux in Kansas.

The principal unconformities of the pre-St. Peter rocks occur (1) at the base of the Potosi or in its absence at the base of the overlapping Eminence, (2) at the base of the Van Buren, and (3) at the base of the Roubidoux.

The data for the cross section have been derived in Kansas from sample logs reported by Keroher and Kirby (1948) and in Missouri from sample logs reported by McQueen (1931, pl. 12).

Fig. 8--Stratigraphic cross section on line B-B' showing relation of the Roubidoux formation to older rocks in southern Kansas and southern Missouri. The line 1B to 5B lies in the Salina basin area and is shown on Plate 1.