

The units on the cross section from the Rhur basin (Fig. 11.71) are correlated and restored in Fig. 11.71A. The seismic profile along this line (Fig. 7.4a) could be interpreted in numerous ways and so it is reasonable to question the validity of the cross section. The pin line is placed normal to bedding in the least deformed part of the section. The loose line is placed along the axial trace of the right-side anticline. In order to have a more complete restoration, the anticline has been continued above the unconformity as a circular-arc style fold. The restoration of the loose line is fairly good in all but the uppermost bed. Because a considerable portion of the uppermost bed has been inferred, its lack of bed length is not very significant. Thus it can be concluded that the section is reasonably well balanced and therefore valid.

Fig. 11.71A.
Flexural-slip restoration of the
Rhur cross section by Jerry
Bowling

