

Correlation of Selected Lower Cherokee Units in Northeast Oklahoma

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The Tulsa Geological Society Stratigraphic Committee is updating its northeast Oklahoma type logs. This project has revealed some problematic correlations in the lower part of the Cherokee section. In order to resolve these issues we have attempted to tie well logs to the outcrop, especially where measured sections are available.

Two specific problems are addressed. The correlation of the surface Bluejacket Sandstone with the subsurface Bartlesville sand is discussed. The correlation of coals and other units below the Bartlesville sand, especially the Rowe coal, are discussed. Stratigraphic cross sections illustrate the problems and conclusions.