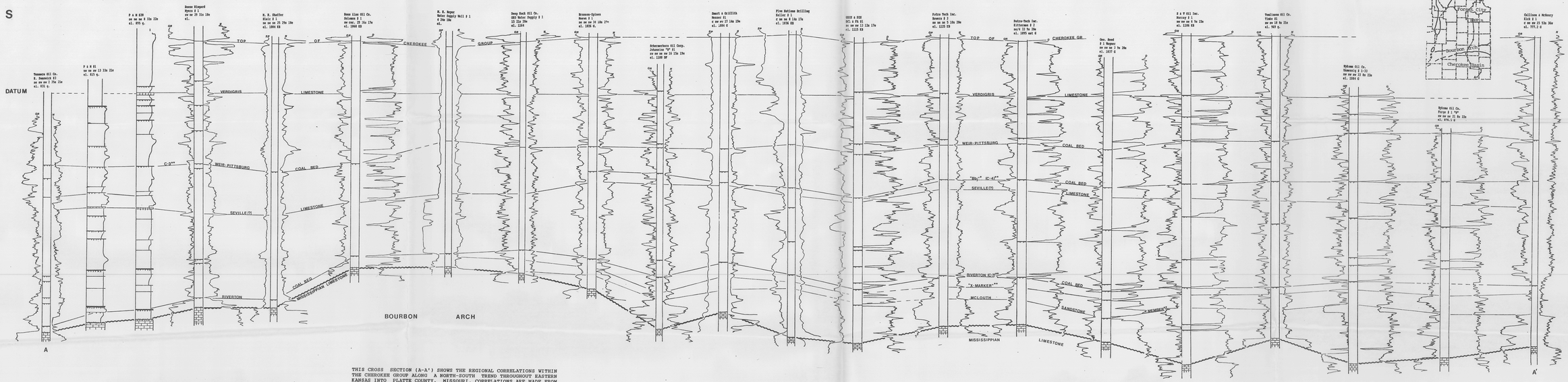
STRATIGRAPHIC CROSS SECTION OF THE CHEROKEE GROUP, EASTERN KANSAS

PLATE 3



LOCATION OF CROSS SECTION

THIS CROSS SECTION (A-A') SHOWS THE REGIONAL CORRELATIONS WITHIN THE CHEROKEE GROUP ALONG A NORTH-SOUTH TREND THROUGHOUT EASTERN KANSAS INTO PLATTE COUNTY, MISSOURI. CORRELATIONS ARE MADE FROM CORE STUDIES BY HARRIS (1984) IN SOUTHEASTERN KANSAS TO ELECTRIC LOG SIGNATURES IN NORTHEASTERN KANSAS AND MISSOURI. KEY MARKERS RECOGNIZED THROUGHOUT THE REGION OF INVESTIGATION ARE SHOWN. THE SOUTHWARD PINCHOUT OF THE MCLOUTH SANDSTONE MEMBER** OF THE RIVERTON FORMATION ACROSS THE BOURBON ARCH DEMONSTRATES ITS DISTRIBUTION IS RESTRICTED TO THE FOREST CITY BASIN. THE X-MARKER** ALSO DISAPPEARS SOUTHWARD ACROSS THE BOURBON ARCH, THOUGH FURTHER TO THE SOUTH.

* INFORMAL NAMES FROM HARRIS (1984)

** INFORMAL NAMES USED IN THIS STUDY

MATT STRICKLAND
1987

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