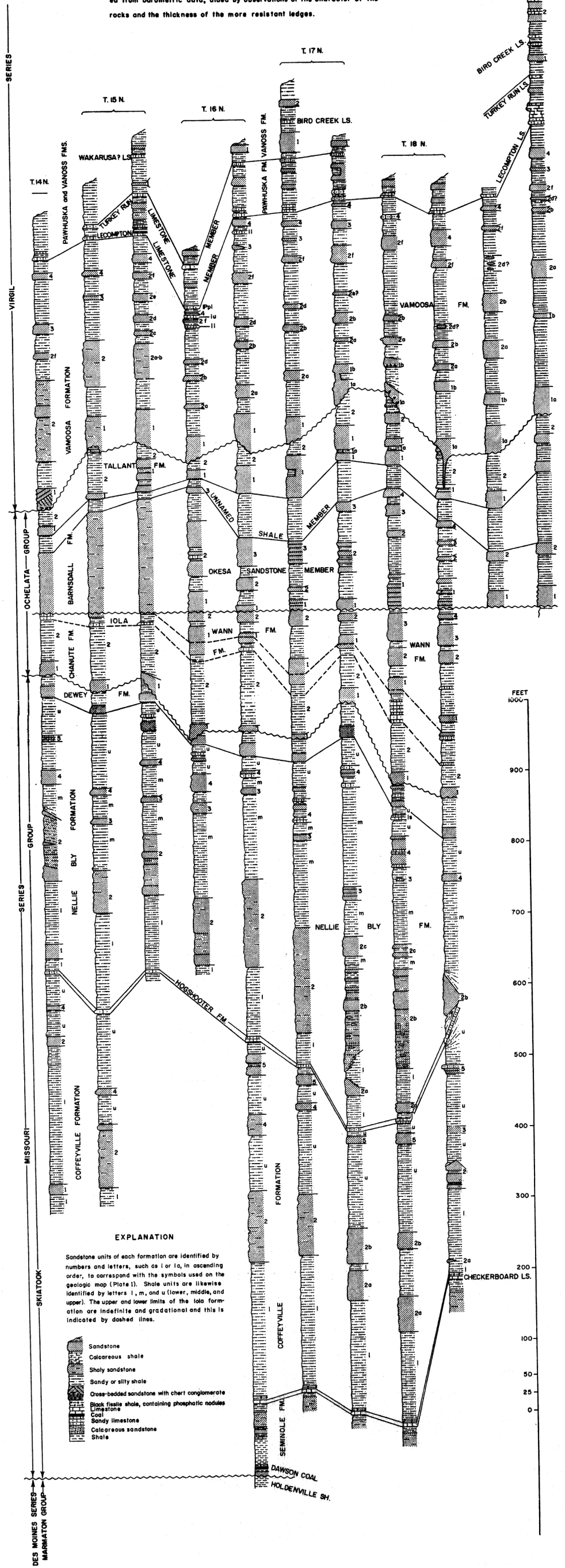


COMPILED OUTCROP SECTIONS OF PENNSYLVANIAN ROCKS CREEK COUNTY, OKLAHOMA

by
Alcolm C. Oakes
1959

Compiled from detailed sections measured locally and from sections computed from barometric data, aided by observations of the character of the rocks and the thickness of the more resistant ledges.



EXPLANATION

Sandstone units of each formation are identified by numbers and letters, such as 1 or 1a, in ascending order, to correspond with the symbols used on the geologic map (Plate I). Shale units are likewise identified by letters i, m, and u (lower, middle, and upper). The upper and lower limits of the Iola formation are indefinite and gradational and this is indicated by dashed lines.

- Sandstone
- Calcareous shale
- Shaly sandstone
- Sandy or silty shale
- Cross-bedded sandstone with chert conglomerate
- Black fissile shale, containing phosphatic nodules
- Limestone
- Coal
- Sandy limestone
- Calcareous sandstone
- Shale

FEET
1000
900
800
700
600
500
400
300
200
100
0