SECTION A-A.

SECTION B-B.

SECTION C-C.

SECTION D-D.

SECTION E-E.

SECTION F-F.

SECTION G-G.

SECTION H-H.

SECTION I-I.

SECTION J-J.

SECTION K-K

SECTION L-L.

SECTION M-M.

OKLAHOMA GEOLOGICAL SURVEY.
C.W. Shannon, DIRECTOR.
Norman, Okla. 1923.

GEOLOGIC MAP AND SECTIONS OF SOUTHERN OUACHITA MOUNTAINS IN South-eastern Oklahoma.

Base Map after U.S.G.S. topographic sheets.
Geology by C.W. Honess, FIELD GEOLOGIST.

Scale: 0 ½ 1 2 3 4 5 MILES

LEGEND.

QUATERNARY.
- Al Alluvium.
- Pl Trinity sand & gravel, may be Partly Tertiary.

CRETACEOUS.
- Kt Trinity sand. — 400'+

UNCONFORMITY

CARBONIFEROUS.
- Quartz & Orthoclase vein material.
- Chert Gravels.
- Jackfork sandstone. — 5000'-6600'
- Stanley shale. — 6000'
  Tuff near bottom.

DEVONIAN.
- upper / middle / lower — Arkansas novaculite. — 250'-540'

DISCONFORMITY (?)

SILURIAN.
- Missouri Mountain shale — 70-100'
- Blaylock sandstone. — 800'
- Polk Creek shale. — 100'±
- Bigfork chert. — 500'±
- Womble shale equivalent. — 1000'
  Chatsite red sandstones & grits.
- Blakely sandstone. — 0-15'
- Mazarn shale. — 1000'
- Crystal Mountain sandstone. — 500'±
  Chief conglomerate at base, 14'

DISCONFORMITY

CAMBRIAN.
- Collier shale. — 200'+
  Thin limestone & bassie shale.
- Diorite sill. — 10'

MAP OF OKLAHOMA
The blanked portion is the area covered by the Geologic Map

R.19E. R.20E. R.21E. R.22E. R.23E. R.24E. R.25E. R.26E. R.27E.

T.4S. T.5S. T.6S. T.7S. T.8S. T.9S. T.10S.

PUSHMATAHA COUNTY CHOCTAW COUNTY MCCURTAIN COUNTY

ARKANSAS