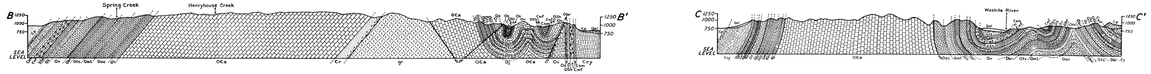
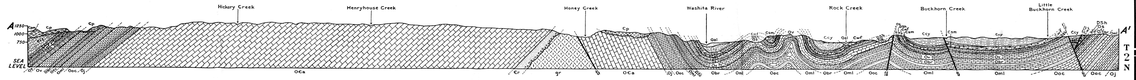
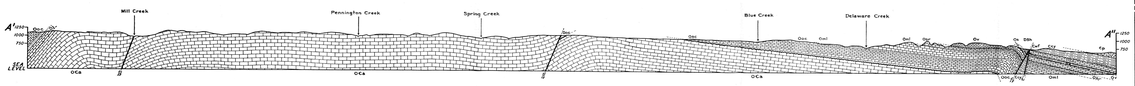
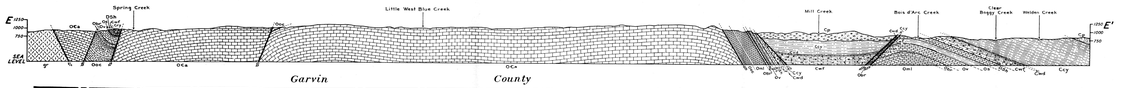




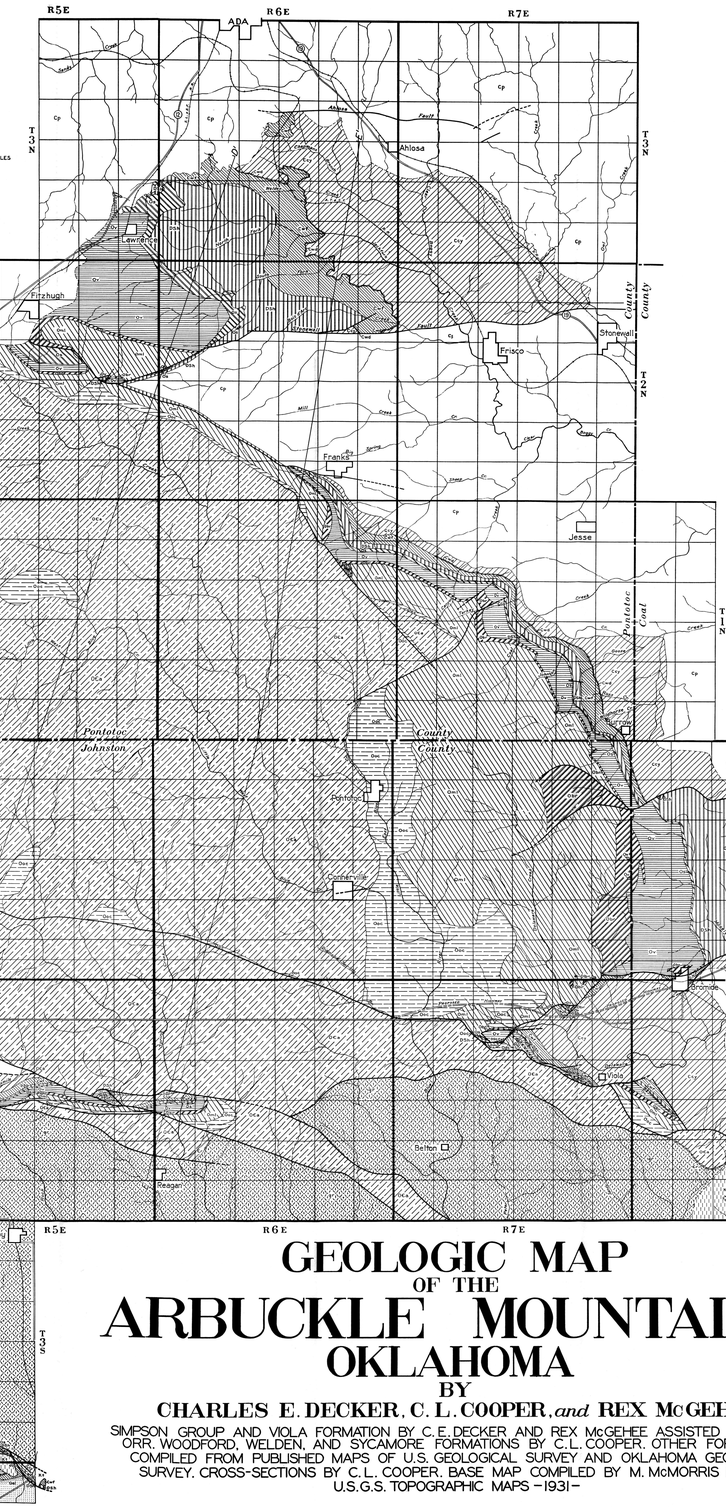




OKLAHOMA GEOLOGICAL SURVEY
CHAS. N. GOULD, DIRECTOR
NORMAN, OKLAHOMA

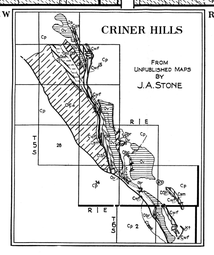
SCALE
0 ½ 1 2 3 4 5 6 MILES

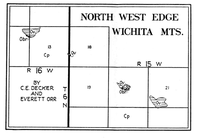
PLATE I - BULLETIN 55

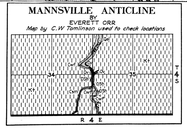


LEGEND

- Quaternary and Recent — Qal — Stream and terrace deposits
- Cretaceous — Ktr — Trinity sandstone
- Permian — Pzf — Red beds (Undifferentiated)
- Pennsylvanian — Cp — Limestones, sandstones, & shales (Undifferentiated)
- Mississippian — Mcn — Caney shale; Mms — Sycamore limestone; Mwl — Welden limestone; Mwf — Woodford formation
- Devonian — Dhu — Hunton group
- Silurian — Sv — Sylvan shale; Sv — Viola limestone; Sbr — Bromide Fm.; Ordovician — Simpson Group: Otc — Tulip Creek Fm., Om — McLish Fm., Ooc — Oil Creek Fm., Oj — Joins Fm.; Oa — Arbuckle limestone; Cr — Reagan sandstone; Pre-Cambrian — granitic rock (mostly granites)







GEOLOGIC MAP OF THE ARBUCKLE MOUNTAINS OKLAHOMA

BY

CHARLES E. DECKER, C. L. COOPER, *and* REX McGEHEE.

SIMPSON GROUP AND VIOLA FORMATION BY C. E. DECKER AND REX McGEHEE ASSISTED BY EVERETT ORR. WOODFORD, WELDEN, AND SYCAMORE FORMATIONS BY C. L. COOPER. OTHER FORMATIONS COMPILED FROM PUBLISHED MAPS OF U.S. GEOLOGICAL SURVEY AND OKLAHOMA GEOLOGICAL SURVEY. CROSS-SECTIONS BY C. L. COOPER. BASE MAP COMPILED BY M. McMORRIS FROM U.S.G.S. TOPOGRAPHIC MAPS - 1931 -