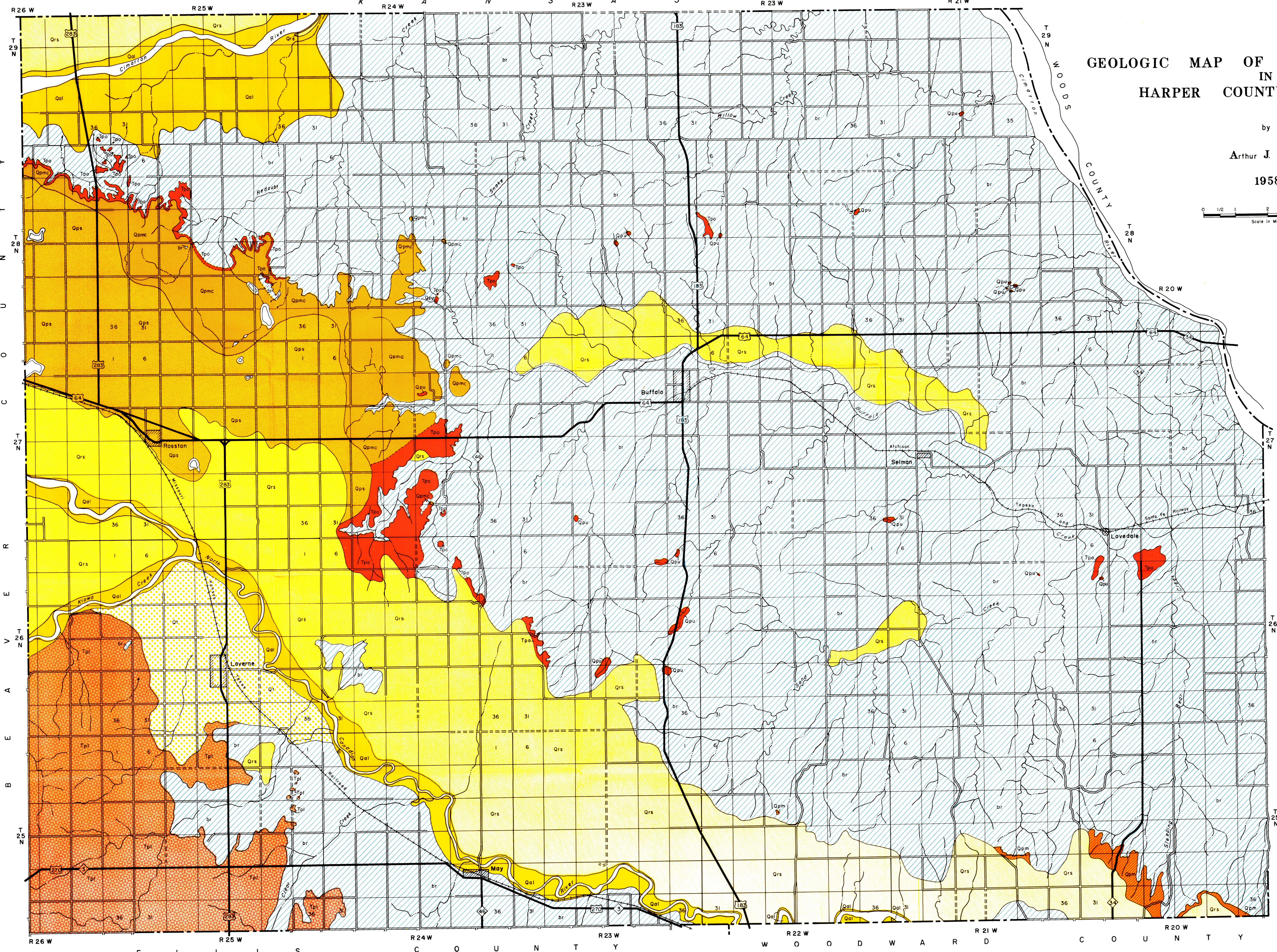
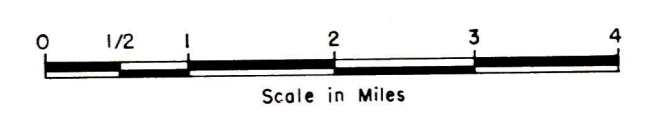


GEOLOGIC MAP OF CENOZOIC ROCKS IN HARPER COUNTY, OKLAHOMA

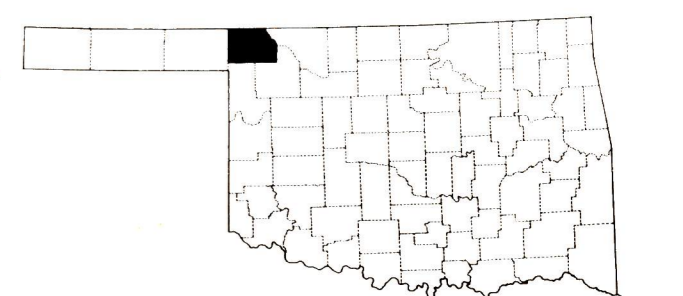
by
Arthur J. Myers
1958



EXPLANATION

- Qrs**
DUNE SAND
(Gray to tan well-sorted eolian sand, pre-dominantly quartz, along north side of streams.)
- Qal**
ALLUVIUM
(Gray to tan gravel, sand, silt, and clay underlying present flood plains.)
- Qpt**
TERRACE DEPOSITS
(Gray and light tan gravel, sand, silt, and clay.)
- Qpu**
LAKE DEPOSITS
(Gray clay containing fossil snails; probably Illinoian stage, 0-17 feet thick.)
- Qps**
DUNE SAND
(Gray to tan well-sorted eolian sand.)
- Qpm**
MEADE GROUP
(In northwestern part of county Crooked Creek formation [Qpmc] at top of Meade group, gravel, sand, silt, and volcanic ash [Pearlette member] of probable Kansan age, 0-70 feet thick. In southeastern part of county Meade group, undifferentiated [Qpm], gravel, sand, and silt 0-70 feet thick.)
- Tpo**
OGALLALA FORMATION
(Arkasic gravel, sand, and silt, locally cemented with calcium carbonate, massive to cross-bedded; 0-35 feet thick.)
- Tpl**
LAVERNE FORMATION
(Gray to white gravel, sand, silt, clay, caliche, and limestone, 0-30 feet thick on surface.)
- br**
BEDROCK
(Pre-Tertiary bedrock.)

- Contact
dashed where inferred or concealed
- == Paved road
- Improved road
- ==== Unimproved road
- ⬢ U. S. highway
- ⬢ State highway
- Lake



Index map of Oklahoma showing location of Harper County