

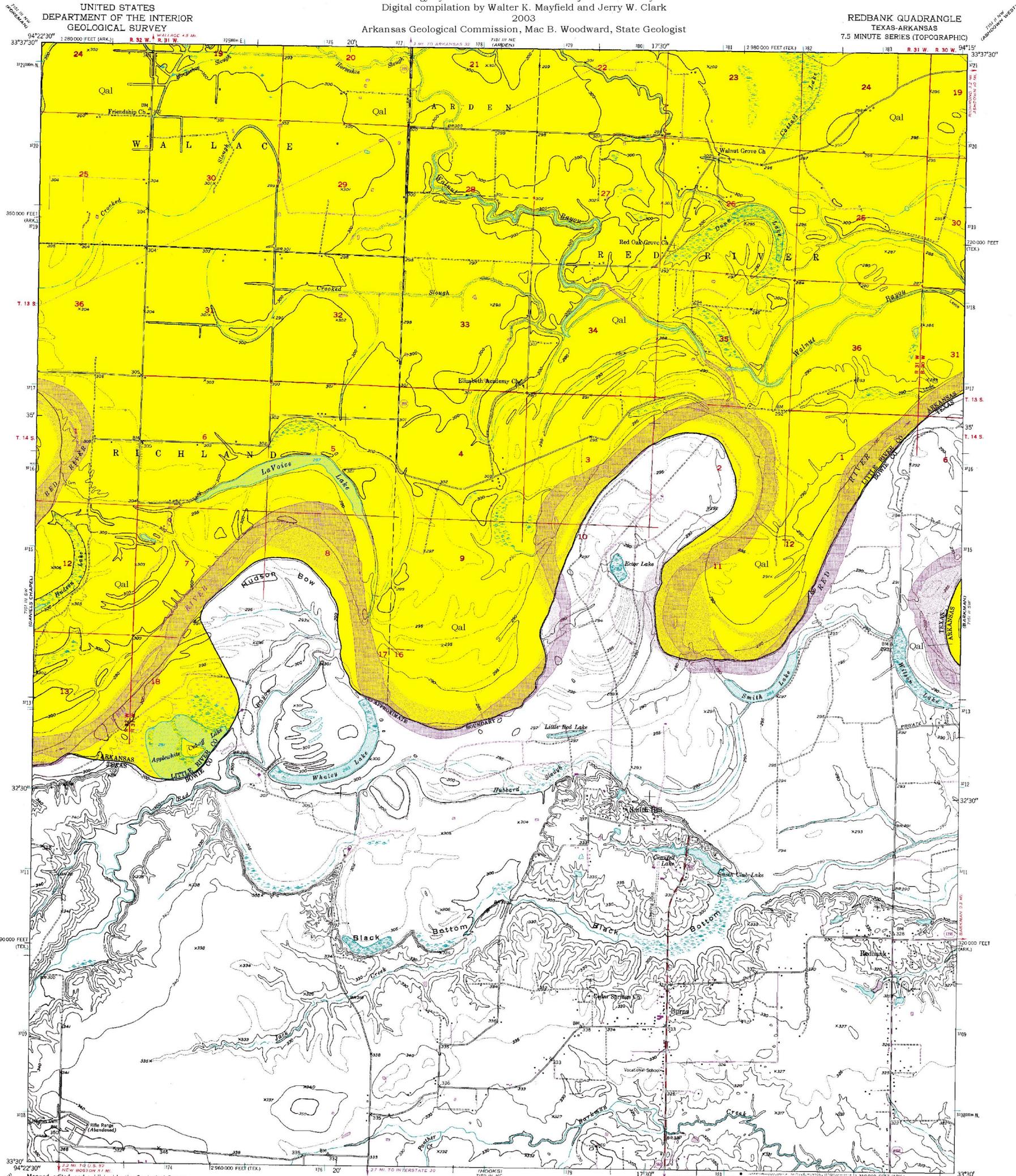
GEOLOGIC MAP OF THE REDBANK QUADRANGLE, LITTLE RIVER COUNTY, ARKANSAS

DIGITAL GEOLOGIC QUADRANGLE MAP
REDBANK, TEXAS-ARKANSAS
DGM-TX-3115

Geology by William D. Hanson and Benjamin F. Cillard
Digital compilation by Walter K. Mayfield and Jerry W. Clark
2003

Arkansas Geological Commission, Mac B. Woodward, State Geologist

REDBANK QUADRANGLE
TEXAS-ARKANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)



CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

Alluvium (Quaternary) - Variably sized gravel overlain by unconsolidated sand, silt, and clay comprises the unit. This unit occurs in the floodplains of streams and rivers. The sediments form a rich loam and are excellent for agriculture. Gravels, primarily novaculite, originated in the Ouachita Mountain region and from local Cretaceous formations. Thickness varies from 0 to 25 feet. Areas of alluvium are presently receiving sediment deposition.

SYMBOLS

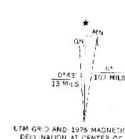
Contact

REFERENCES

Bash, W. V., and Clardy, B. F., 1971, Geologic Map of the Ashdown East Quadrangle, Little River and Hempstead Counties, Arkansas: Arkansas Geological Commission Open-File Report, scale 1:24,000.

McFerland, John David, 1998, Stratigraphic Summary of Arkansas: Arkansas Geological Commission Information Circular 36, 39 p.

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Culture and drainage in part compiled from
aerial photographs taken 1948
Topography by plane-table methods 1950
Polyconic projection, 1927 North American datum
10,000 foot grids based on Texas coordinate system,
north central zone, and Arkansas coordinate system,
south zone
1000-meter Universal Transverse Mercator grid ticks,
20° to 15' shown in blue
Revisions shown in purple compiled from aerial photographs
taken 1970 and 1975. This information not field checked



CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5 FOOT CONTOURS
NATIONAL GEOLOGIC VERTICAL DATUM OF 1929
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARKANSAS 72204
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



REDBANK, TEX.-ARK.
N3330-W9415/7.5
1950
PHOTOREVISED 1970 AND 1975
AMS 1/21 1/11 SE-6718R V284

