

GEOLOGIC MAP OF THE PEANUT MOUNTAIN QUADRANGLE, SCOTT COUNTY, ARKANSAS



Geology by Boyd R. Haley and Charles G. Stone
1994

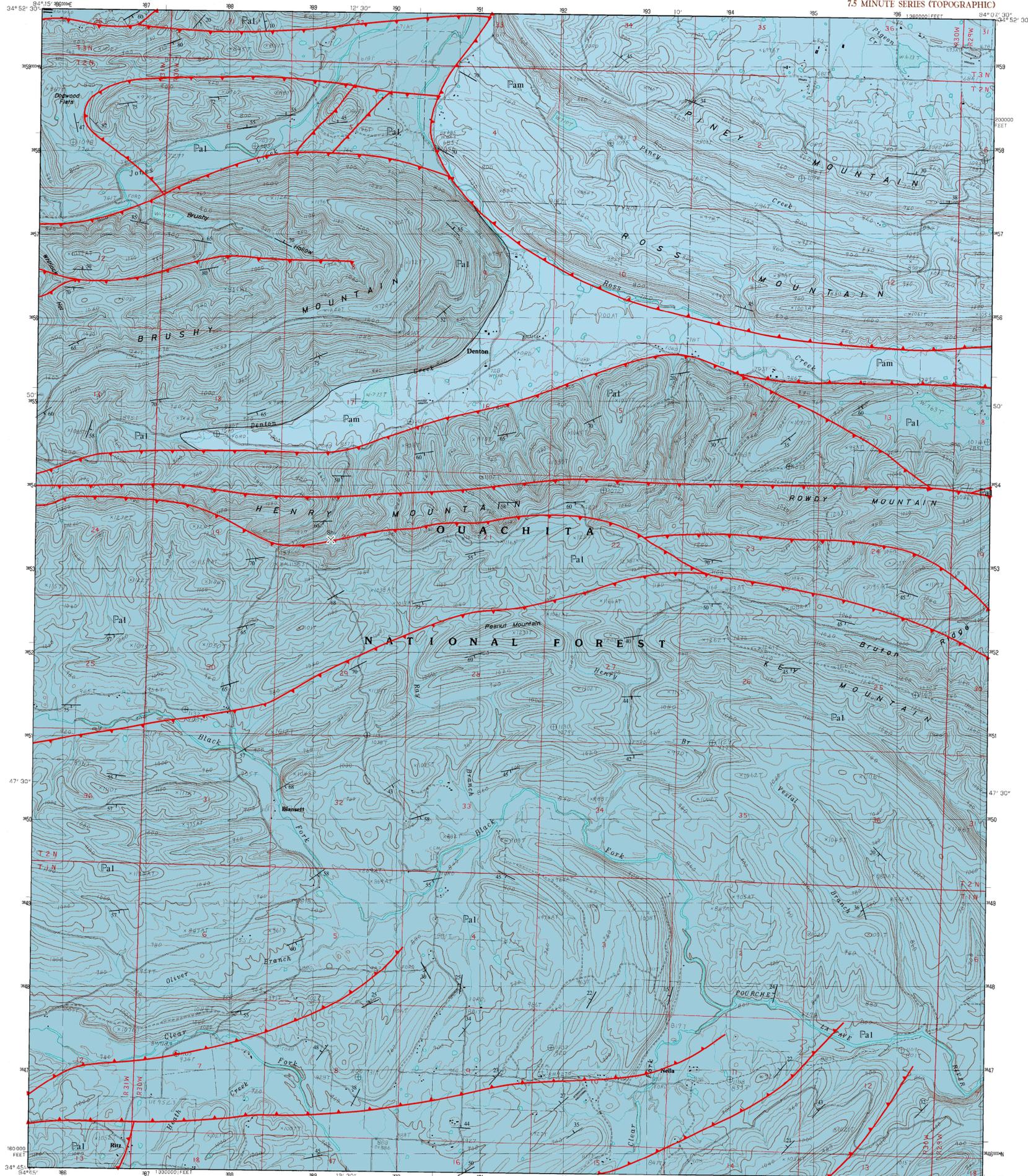
Edited by William D. Hanson
Digital Compilation by Nathan H. Taylor
2008

Arkansas Geological Survey, Bekki White, State Geologist



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PEANUT MOUNTAIN QUADRANGLE
ARKANSAS-SCOTT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Correlation of Map Units



Description of Map Units

- Pam** Atoka Formation middle (Pennsylvanian) - The Formation consists of marine tan to gray silty sandstone and grayish-black shale. Only in the Arkansas Valley and frontal Ouachita Mountain provinces is this formation split into the upper, middle, and lower members.
- Pal** Atoka Formation lower (Pennsylvanian) - The lower Atoka is a sequence of marine, mostly tan to gray silty sandstones and grayish-black shales. Some rare calcareous beds and siliceous shales are known. This unit has the largest areal extent of any of the Paleozoic formations in the state.

References

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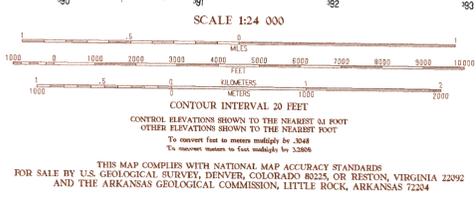
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PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY: USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN: 1999
FIELD CHECKED: 1982. MAP EDITED: 1993
PROJECTION: LAMBERT CONFORMAL CONIC
BASIS: 1983 EARTH SURFACE
GRID: 1983 UNIVERSAL TRANSVERSE MERCATOR
BASE-POINT HEAT GRID TICS: ARKANSAS, NORTH ZONE
1983 MAGNETIC NORTH DECLINATION: 4° 50' WEST
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1988
HORIZONTAL DATUM: 1983 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (7 meters south and 18 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original
manuscript drawings. Informa-
tion shown as of date of
photography. I



| QUADRANGLE LOCATION | | | |
|---------------------|----|----|---------------|
| 1 | 2 | 3 | Cashron |
| 4 | 5 | 6 | Waldron |
| 7 | 8 | 9 | Honeoye Mtn. |
| 10 | 11 | 12 | Rich Mountain |
| 13 | 14 | 15 | Jepp |
| 16 | 17 | 18 | Y City |

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route

PEANUT MOUNTAIN, ARKANSAS
PROVISIONAL EDITION 1983
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