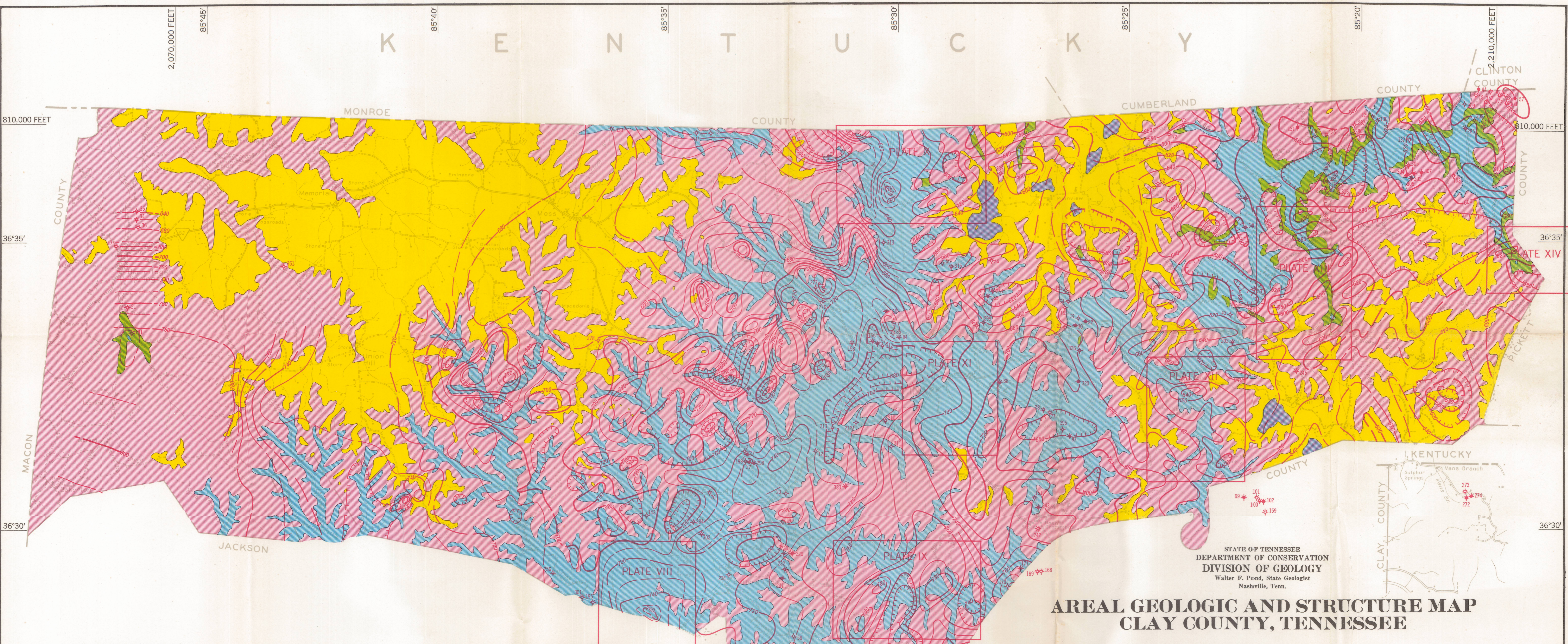
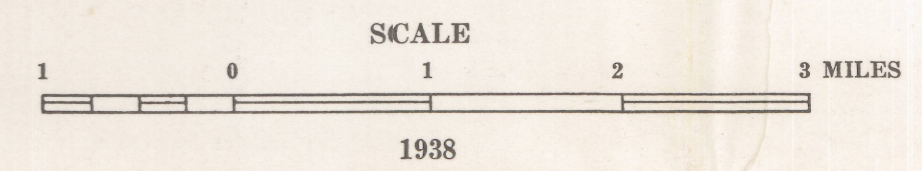


K E N T U C K Y



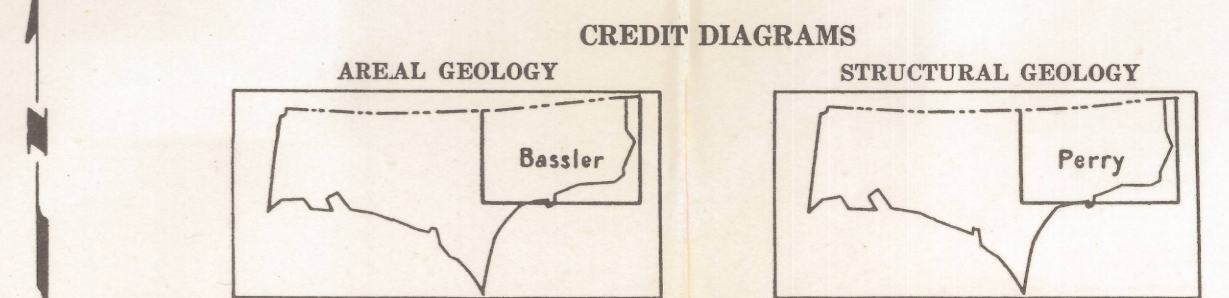
STATE OF TENNESSEE
 DEPARTMENT OF CONSERVATION
 DIVISION OF GEOLOGY
 Walter F. Pond, State Geologist
 Nashville, Tenn.

**AREAL GEOLOGIC AND STRUCTURE MAP
 CLAY COUNTY, TENNESSEE**

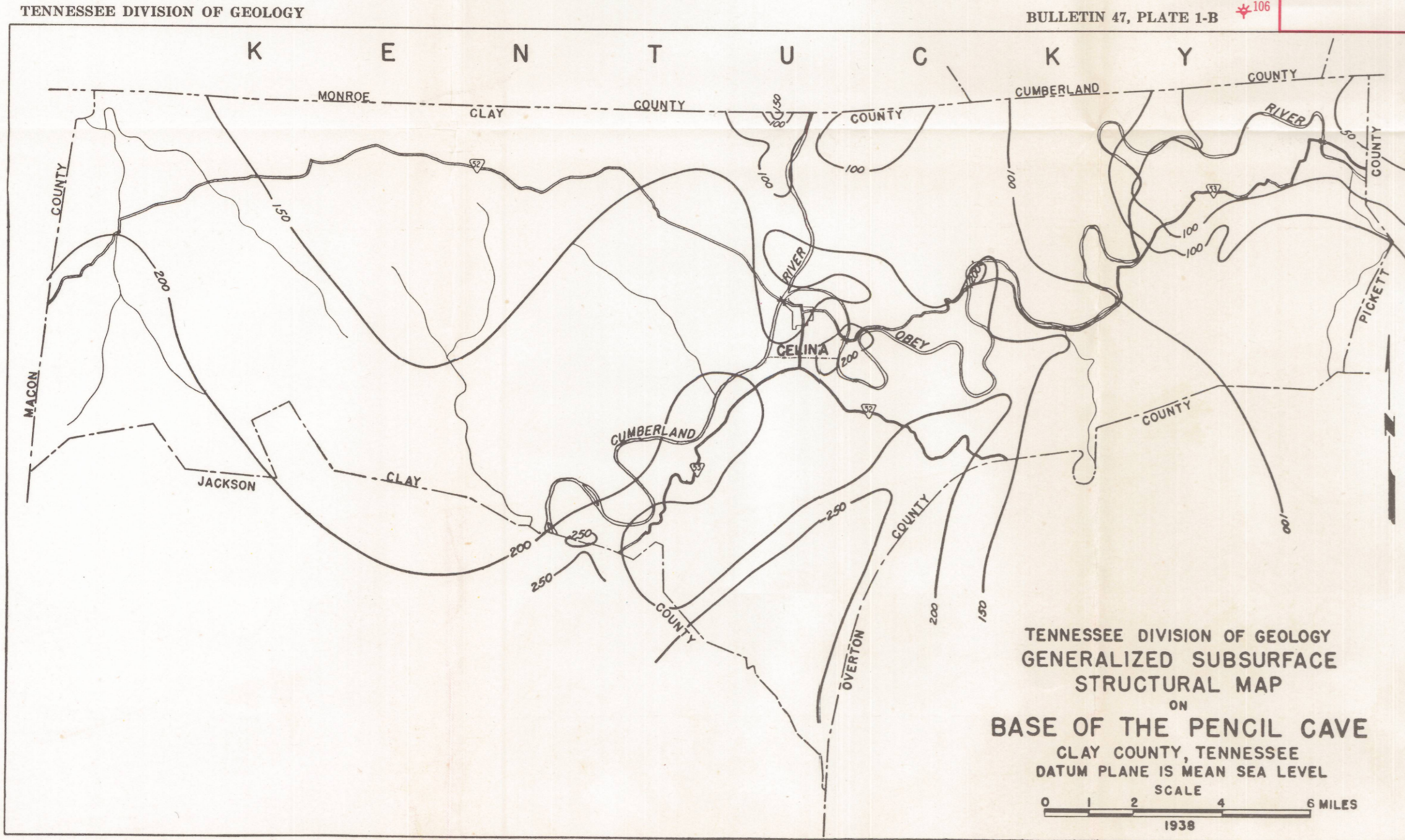


LEGEND

- | | | |
|----------------------|---|---|
| CULTURE | AREAL GEOLOGY | STRUCTURE AND OIL AND GAS |
| • HOUSE | ■ CYPRESS SANDSTONE | M STRUCTURAL CONTOURS ON BASE OF CHATTANOOGA SHALE. DATUM PLANE MEAN SEA LEVEL (CONTOUR INTERVAL 20 FEET EAST OF CELINA 10 FEET WEST OF CELINA. STRUCTURAL WORK OF RECONNAISSANCE CLASS. ALL STRUCTURES SHOULD BE CHECKED BEFORE DRILLING.) |
| ✚ SCHOOL | ■ FREDONIA AND GASPER OOLITES | ◇ DRY HOLE |
| ✚ CHURCH | ■ WARSAW AND ST. LOUIS LIMESTONES | ◇ DRY HOLE—OIL SHOW |
| ☠ CEMETERY | ■ FORT PAYNE FORMATION (Includes Edgemoor and New Providence, mapped by Bassler.) | ◇ DRY HOLE—GAS SHOW |
| — MAIN ROAD | ■ CHATTANOOGA SHALE | ◇ DRY HOLE—OIL AND GAS SHOW |
| - - - SECONDARY ROAD | ■ CATHEYS AND LEIPERS FORMATIONS | ◇ OIL WELL—GAS SHOW |
| — TRAIL | | ◇ ABANDONED OIL WELL |
| — BRIDGE | | ◇ ABANDONED OIL WELL—GAS SHOW |
| — FERRY | | ◇ GAS WELL |
| | | ◇ ABANDONED GAS WELL |
| | | ◇ NUMBERS REFER TO WELL RECORD NUMBERS ON TABLE I |



Base Prepared from Topographic Maps of the U. S. G. S. and Tennessee Division of Geology. Checked from Aerial Photographs of the A. A. A. in Cooperation with T. V. A. and W. P. A.



TENNESSEE DIVISION OF GEOLOGY
 GENERALIZED SUBSURFACE
 STRUCTURAL MAP
 ON
 BASE OF THE PENCILS CAVE
 CLAY COUNTY, TENNESSEE
 DATUM PLANE IS MEAN SEA LEVEL
 SCALE
 0 2 4 6 MILES
 1938

