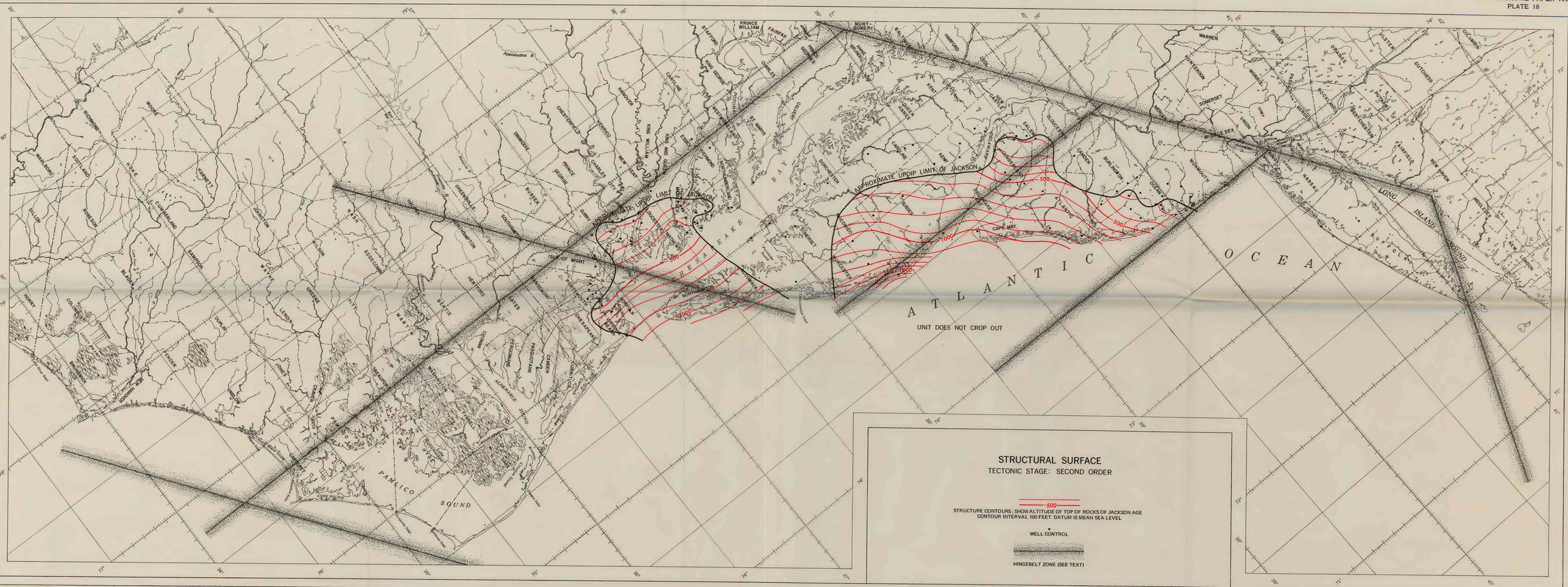


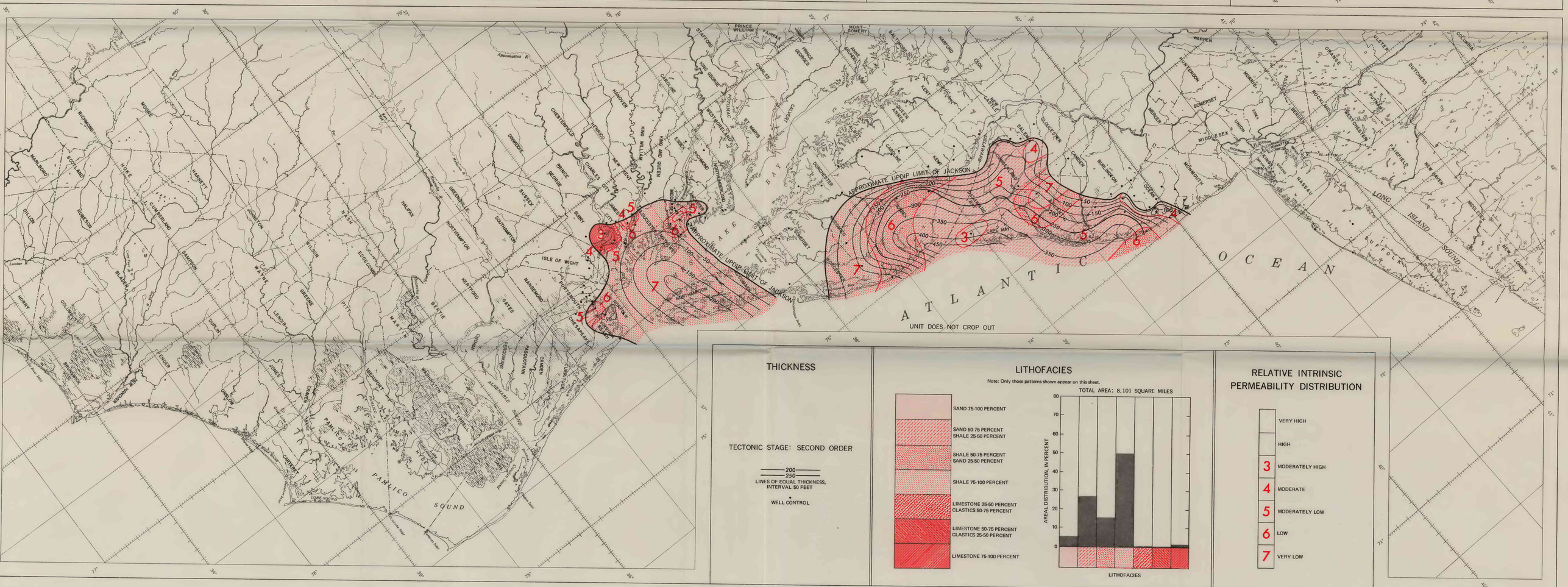
STRUCTURAL SURFACE

TECTONIC STAGE: SECOND ORDER

-500 STRUCTURE CONTOURS; SHOW ALTITUDE OF TOP OF ROCKS OF JACKSON AGE CONTOUR INTERVAL 100 FEET. DATUM IS MEAN SEA LEVEL

• WELL CONTROL

HINGEBELT ZONE (SEE TEXT)



THICKNESS

TECTONIC STAGE: SECOND ORDER

200 / 250 LINES OF EQUAL THICKNESS, INTERVAL 50 FEET

• WELL CONTROL

LITHOFACIES

Note: Only those patterns shown appear on this sheet.

- SAND 75-100 PERCENT
- SAND 50-75 PERCENT, SHALE 25-50 PERCENT
- SHALE 50-75 PERCENT, SAND 25-50 PERCENT
- SHALE 75-100 PERCENT
- LIMESTONE 25-50 PERCENT, CLASTICS 50-75 PERCENT
- LIMESTONE 50-75 PERCENT, CLASTICS 25-50 PERCENT
- LIMESTONE 75-100 PERCENT

RELATIVE INTRINSIC PERMEABILITY DISTRIBUTION

- VERY HIGH
- HIGH
- 3 MODERATELY HIGH
- 4 MODERATE
- 5 MODERATELY LOW
- 6 LOW
- 7 VERY LOW

GEOHYDROLOGIC MAPS OF THE ATLANTIC COASTAL PLAIN, NORTH CAROLINA TO NEW YORK, ROCKS OF JACKSON AGE

SCALE 1:1 000 000

25 0 25 50 75 MILES

25 0 25 50 75 100 125 KILOMETERS

m U.S. Coast and Geodetic Survey

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1973—W73177

Geohydrology by P.M. Brown and J.A. Miller, 1972