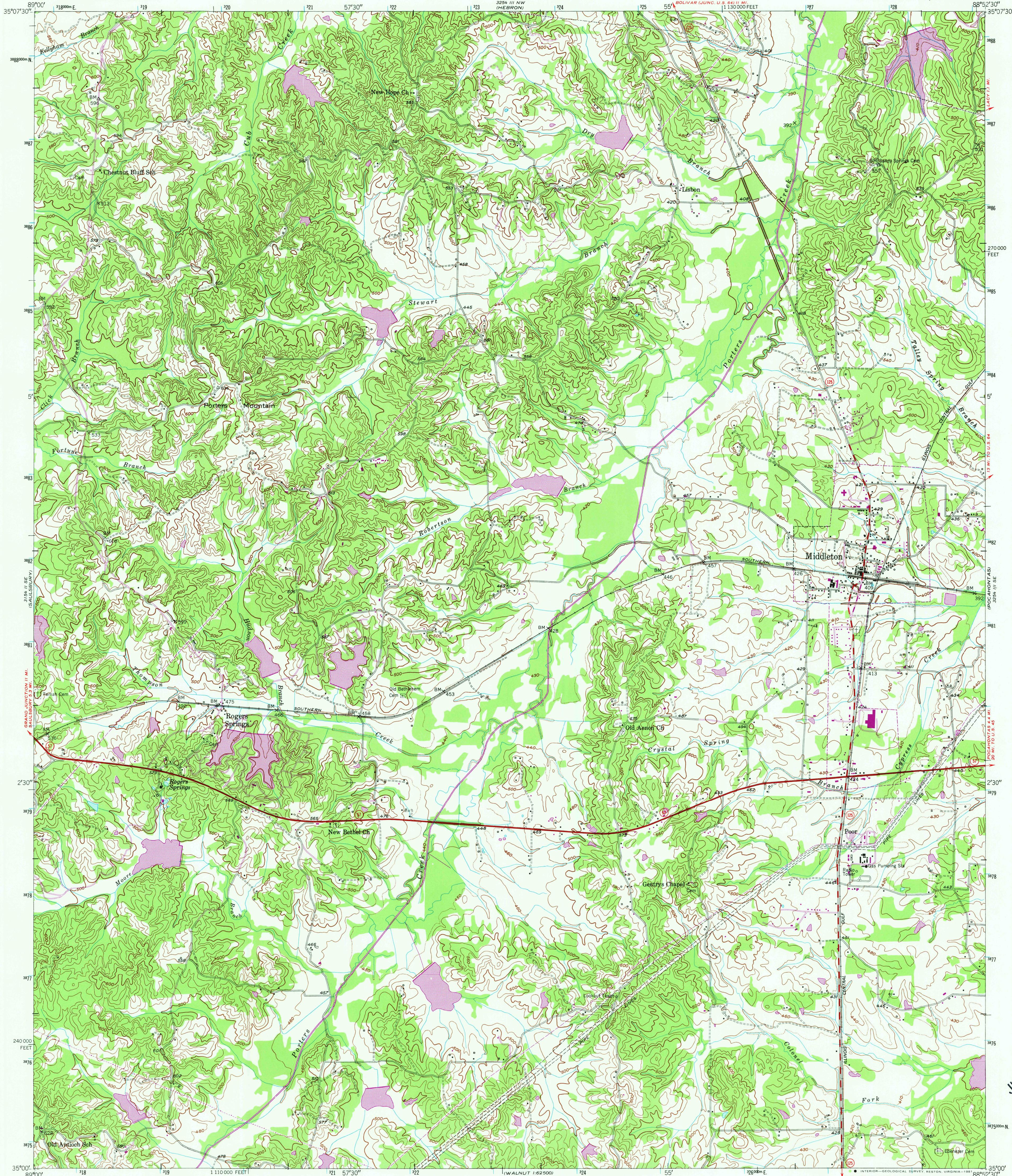


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MIDDLETON QUADRANGLE
TENNESSEE-HARDEN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Maped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by stereoplanigraph

Aerial photographs taken 1947. Field check 1950

Polyconic projection

10,000-foot grid based on Tennessee coordinate system

1000-meter Universal Transverse Mercator grid ticks,

zone 16, shown in blue. 1927 North American Datum. To place on

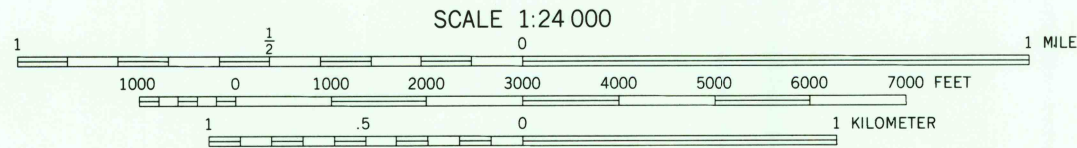
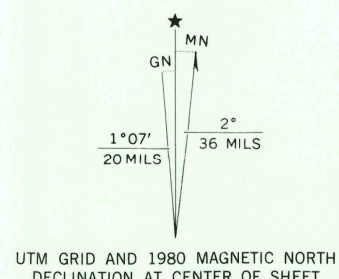
the predicted North American Datum 1983 move the projection lines

7 meters south and 5 meters east as shown by dashed corner ticks

Revisions shown in purple compiled from aerial photographs

taken 1978 and other source data. This information not

field checked. Map edited 1980



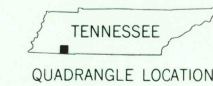
CONTOUR INTERVAL 20 FEET

DOTTED LINES REPRESENT HALF-INTERVAL CONTOURS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092.
TENNESSEE DIVISION OF GEOLOGY, NASHVILLE, TENN. 37219.

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



USGS
HISTORICAL FILE
NATIONAL MAPPING DIVISION

MIDDLETON, TENN.
N3500-W8852.5/7.5

1950
PHOTOREVISED 1980
DMA 3254 III SW-SERIES V841

JUN 29 1981

JUN 29 1981
2100