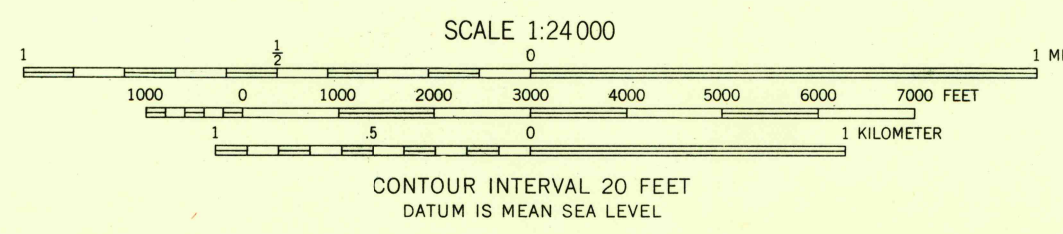


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

PENFIELD QUADRANGLE  
PENNSYLVANIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NE/4 PENFIELD 15' QUADRANGLE

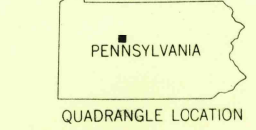


Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1958. Field check 1959  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system,  
north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
Fine red dashed lines indicate selected fence and field lines  
visible on aerial photographs. This information is unchecked  
Unlabeled wells are gas wells



USGS  
Historical File  
Topographic Division

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
State Route



U.S.G.S.  
FILE COPY  
TOPOGRAPHIC DIVISION

PENFIELD, PA.  
NE/4 PENFIELD 15' QUADRANGLE  
N 4107.5-W 7830/7.5  
1959

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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