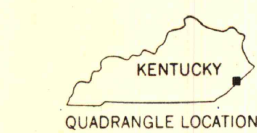
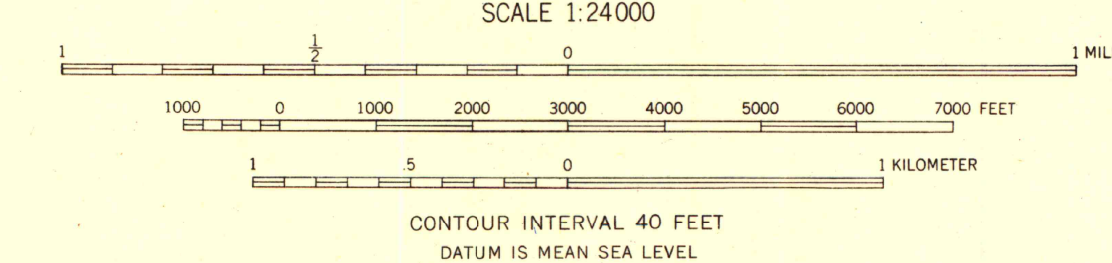




Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric  
methods and from coal company maps stereo-compiled in 1947,  
revised from aerial photographs taken 1952. Entire map field  
checked 1954  
Polyconic projection, 1927 North American datum  
10,000-foot grids based on Kentucky coordinate system, south  
zone, and Virginia coordinate system, south zone  
All wells shown are gas wells  
Contours in strip mine areas from 1952 photography  
Unchecked elevations are shown in brown

APPROXIMATE MEAN  
DECLINATION, 1954



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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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HELLIER, KY.—VA.  
SW/4 REGINA 15' QUADRANGLE  
N 3715—W 8222.5/7.5  
1954  
UNIVERSITY OF WISCONSIN  
Department of Geography