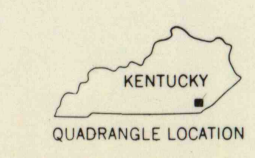
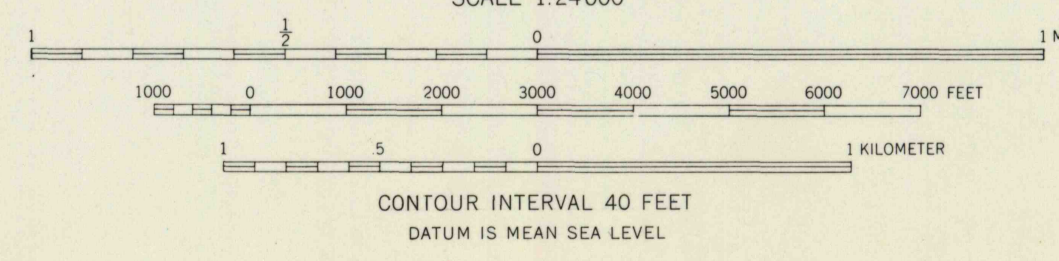
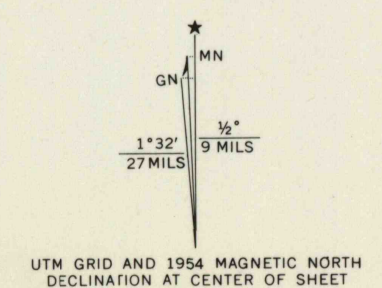


Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by stereoplanigraph  
Aerial photographs taken 1952. Field check 1954  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Kentucky coordinate system  
south zone  
All wells shown are gas wells  
Unchecked elevations are shown in brown  
Contours in strip mine areas from 1952 photography  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue



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

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

BALKAN, KY.  
SE/4 PINEVILLE 15' QUADRANGLE  
N3645-W8330/7.5  
1954  
AMS 4257 I SE-SERIES V853

1020  
OCT 4 1977