



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1956-1957. Field check 1958  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on West Virginia coordinate system,  
south zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
To place on the predicted North American Datum 1983  
move the projection lines 7 meters south and  
13 meters west as shown by dashed corner ticks  
Fine red dashed lines indicate selected fence and field lines  
visible on aerial photographs. This information is unchecked  
All wells shown are gas wells

UTM GRID AND 1989 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET  
Revisions shown in purple and woodland compiled from  
aerial photographs taken 1986 and other sources. This  
information not field checked. Map edited 1989

SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Heavy-duty — Light-duty  
Medium-duty — Unimproved dirt  
Interstate Route U.S. Route Slate Route  
1988  
PHOTOREVISED 1989  
DMA 4660 IV NW-SERIES V854

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