



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1966. Field checked 1968  
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 where  
generally visible on aerial photographs. This information is unchecked  
Red tint indicates areas in which only landmark buildings are shown  
Only selected wells shown in oil fields. Numerous wells omitted  
Map photorevised 1977  
No major culture or drainage changes observed

UTM GRID AND 1973 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000  
CONTOUR INTERVAL 10 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

QUADRANGLE LOCATION  
To place on the predicted North American Datum 1983,  
move the projection lines 2 meters south and  
19 meters west as shown by dashed corner ticks  
Revisions shown in purple compiled in cooperation with  
State of Pennsylvania agencies from aerial photographs  
taken 1973. This information not field checked

ROAD CLASSIFICATION  
Primary highway, all weather, hard surface  
Secondary highway, all weather, hard surface  
Light-duty road, all weather, improved surface  
Unimproved road, fair or dry weather  
State Route

TITUSVILLE SOUTH, PA.  
41079-E6-TF-024  
PHOTOINSPECTED 1977  
PHOTOREVISED 1973  
DMA 5067 II SW-SERIES Y851