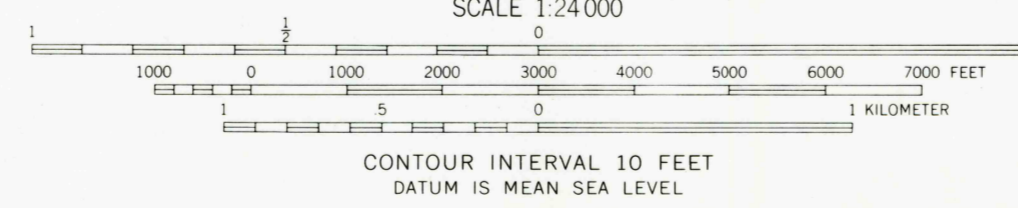
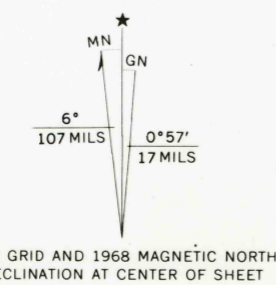


Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1966. Field checked 1968
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, north zone
1000-meter 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
Only selected wells shown in oil fields. Numerous wells omitted



ROAD CLASSIFICATION

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

GRAND VALLEY, PA.
NE 1/4 TITUSVILLE 15' QUADRANGLE
N4137.5-W7930/7.5
1968
AMS 5067 II NE-SERIES V831

3195
NOV 5 1971