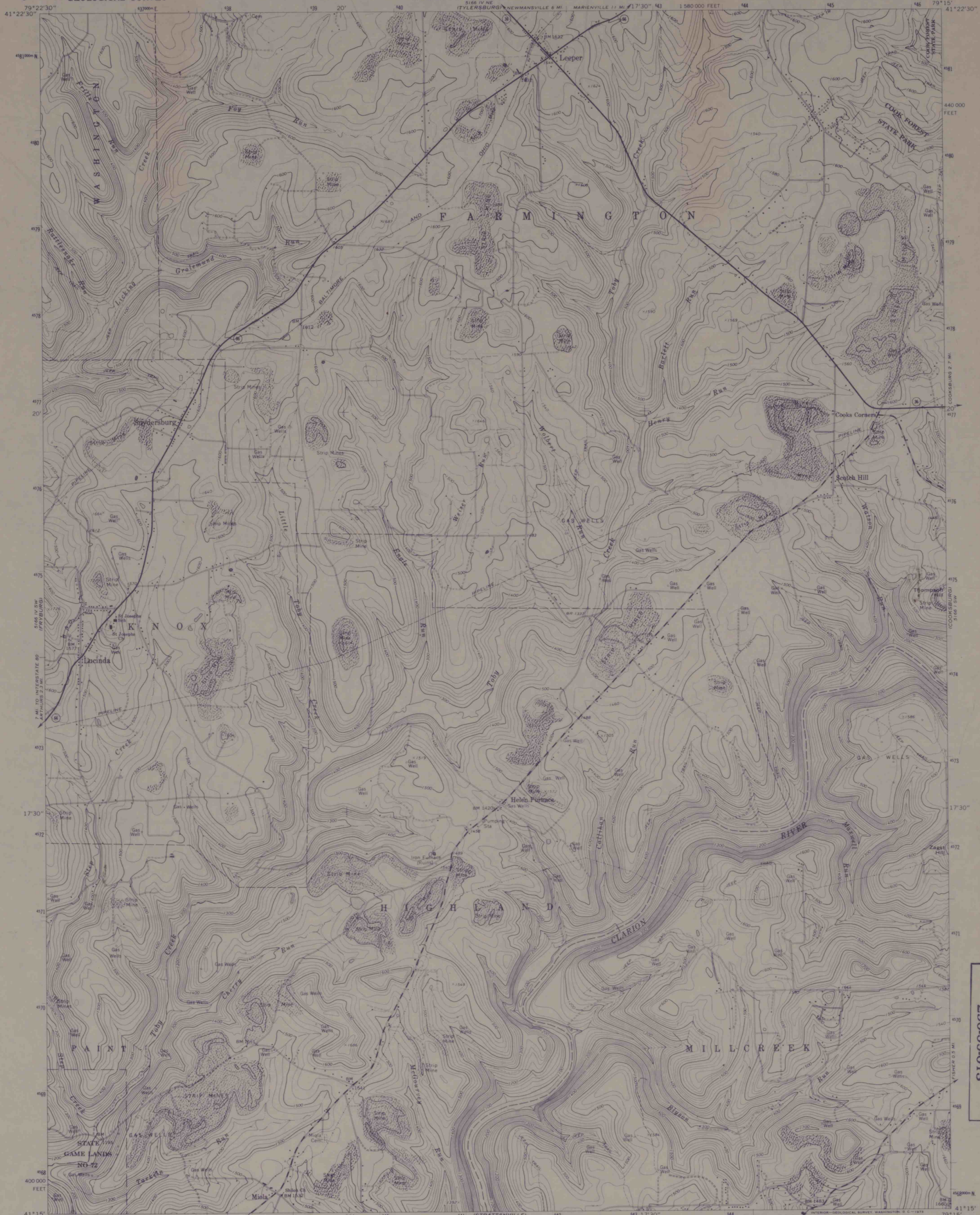


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

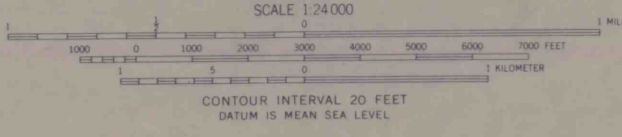
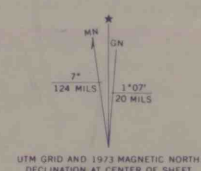
COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
TOPOGRAPHIC AND GEOLOGIC SURVEY

LUCINDA QUADRANGLE  
PENNSYLVANIA—CLARION CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SE/4 T10NE15 QUADRANGLE



Exploration Services  
Division  
Authorization  
290-00-015

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial photographs  
taken 1967 and 1968. Field checked 1967  
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  
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

LUCINDA, PA.  
SE/4 T10NE15 QUADRANGLE  
N4115-W7915/7.5  
1967  
PHOTOREVISED 1973  
AMS 5166 IV SE-SERIES V851

IMAPS#18503