UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
TOPOGRAPHIC AND GEOLOGIC SURVEY

KOSSUTH QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

5066 I NW (OIL CITY)
5066 I NE (PRESIDENT)
5166 IV NW (TIONESTA)
5066 I SW (CRANBERRY)
5166 IV SW (FRYBURG)
(FRANKLIN 13 MI.)
(CRANBERRY 5 MI.)
(CLARION 7 MI.)
(BROOKVILLE 24 MI.)
(KNOX 1.4 MI.)
(KNOX) 5066 II NE
(CLARION) 5166 III NW
(CLENTON) 5066 II NW

79°37'30" 41°22'30" 79°30' 41°15' 17'30" 20' 35' 32'30"

4581000m N 456 8000m N 1 510 000 FEET 440 000 FEET 410 000 FEET 1 490 000 FEET

616 000m E 617 618 619 620 621 622 623 624 625 625 000m E

Sawtown
Goodmans Corners
Powell Corners
Pine Hill
Fertigs
Fertigs Gospel Tabernacle
Hickman Cem
Gravel Pit
Oil Wells
Pine Sch
BM 1526
Pine Hill Cem
Cream Hill
Run
Turkey
Cranberry
Coolspring
Prairie
Creek
Sandy
East
Pine Grove
Oil and Gas Wells
Gas Wells
Pipeline
Penn Central
Little
Barnes Run
Coffman Cem
Ashland Ch
Ashland Sch
Trinity Ch
Old Dutch Cem
Fern
Kline
Schreiber Cem
Valley Cem
Kossuth
Marks Ch
Elmo
Billings
Pine City
Petry Corner
Grace Ch
Nineveh
Starr Cem
Brown Corners
Lake Marie Eileen
Sandpit
Rocklan d
Richland
Ashland
Salem
Elk
Central
State Game Lands No 45
Venango Co
Clarion Co
BM 1563
BM 1515
BM 1472
BM 1456
BM 1364
BM 1330
BM 1588
BM 1451
BM 1537

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USCE

Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1963

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 1972. This information not field checked

MN GN
6½° 116 MILS
0°57' 17 MILS
UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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

PENNSYLVANIA
QUADRANGLE LOCATION

KOSSUTH, PA.
N4115—W7930/7.5
1963
PHOTOREVISED 1972
AMS 5066 I SE—SERIES V831

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1973

Division
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