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)
(EMLENTON) 5066 II NW
(KNOX) 5066 II NE
(CLARION) 5166 II NW

79°37'30" 41°22'30" 79°30' 41°15'

1 510 000 FEET
1 490 000 FEET
440 000 FEET
410 000 FEET

616 000m E. 617 618 619 620 621 622 623 624 625 000m E.
4581 000m N. 4580 4579 4578 4577 4576 4575 4574 4573 4572 4571 4570 4569 4568 000m N.

35' 32'30" 20' 17'30"

Sawtown
Goodmans Corners
Powell Corners
Pine Hill
Fertigs
Fertigs Gospel Tabernacle
Hickman Cem
Craig Cem
Saw Hill
Cream Hill
Pine Hill Cem
Pine Sch
BM 1526
BM 1563
BM 1393
BM 1315
BM 1330
BM 1364
BM 1588
BM 1537
BM 1472
BM 1456
BM 1481
Gravel Pit
Oil Well
Oil Wells
Gas Well
Gas Wells
Strip Mine
Camp Coffman
Ashland Ch
Ashland Sch
Trinity Ch
Old Dutch Cem
Fern
Pine City
Perry Chapel Cem
Billings
Kossuth
Kline
Schreffler Cem
Valley Cem
Phipps Cem
Elmo
St Marks Ch
Altmans Corners
Starr Cem
Grace Ch
Nineveh
Lake Marie-Eileen
Tarkiln Run
Prairie Run
Cream Hill Run
Sandy Creek
East Sandy Creek
Cogley Run
Beaver Creek
Little Pipe Line Creek
East Sandy Creek
Pipeline Run
Pipeline
Penn Central
Penn Central
Gravel Pit
Sandpit
Camp Coffman
Lake Marie-Eileen
1451

OIL AND GAS WELLS
GAS WELLS
OIL WELLS
PINEGROVE
CRANBERRY
ROCKLAND
RICHLAND
ASHLAND
SALEM
ELK
STATE GAME LANDS NO 45
VENANGO CO
CLARION CO

FRANKLIN 13 MI.
CRANBERRY 5 MI.
KNOX 1.4 MI.
0.5 MI. TO PA. 208
CLARION 7 MI.
BROOKVILLE 24 MI.

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

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

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

20% TOTAL RECOVERED FIBER

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

RECEIVED
NOV 30 1999
USGS NMD
HISTORICAL MAP ARCHIVES

KOSSUTH, PA.
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1963
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