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 II NW (EMLENTON)
5066 I SW (CRANBERRY)
5166 IV SW (FRYBURG)
5066 II NE (KNOX)
5166 II NW (CLARION)

79°37'30" 41°22'30" 79°30' 41°15' 17'30" 20' 32'30" 35'
616 000m E. 1 510 000 FEET 1 490 000 FEET 625 000m E.
4581 000m N. 4568 000m N. 440 000 FEET 410 000 FEET

Sawtown
Goodmans Corners
Powell Corners
Pine Hill
Pine City
Fertigs
Kline
Kossuth
Fern
Elmo
Billings
Altmans Corners
Nineveh
Lake Marie-Eileen
Ashland Ch
Trinity Ch
St Marks Ch
Grace Ch
Starr Cem
Craig Cem
Hickman Cem
Fertigs Gospel Tabernacle
Camp Coffman
Old Dutch Cem
Perry Chapel Cem
Phipps Cem
Schreffler Cem
Valley Cem
Pine Hill Cem
Pine Sch
BM 1563
BM 1393
BM 1315
BM 1588
BM 1537
BM 1330
BM 1364
BM 1472
BM 1456
BM 1481
Gravel Pit
Sandpit
Oil Well
Oil Wells
Gas Well
Gas Wells
Strip Mine

P I N E G R O V E
C R A N B E R R Y
R O C K L A N D
R I C H L A N D
A S H L A N D
E L K
S A L E M

O I L A N D G A S W E L L S
G A S W E L L S
O I L W E L L S
STATE GAME LANDS NO 45
VENANGO CO
CLARION CO

Cream Hill
Tarkiln Run
Prairie Run
Pine Run
Sandy Creek
East Sandy Creek
Cagley Run
EAST SANDY CREEK
Little Sandy Creek
Beaver Creek
PENN CENTRAL
PENN CENTRAL
PIPELINE
PIPELINE
PIPELINE
PIPELINE

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

INTERIOR—GEOLOGICAL SURVEY WASHINGTON, D C—1973

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 6½° 116 MILS GN 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.
N4115—W7930/7.5
1963
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