UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
TOPOGRAPHIC AND GEOLOGIC SURVEY

CYCLONE QUADRANGLE
PENNSYLVANIA—MC KEAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 BRADFORD 15' QUADRANGLE

5267 I NW (BRADFORD)
5267 I NE (DERRICK CITY)
5267 IV NW (ELDRED)
5267 I SW (LEWIS RUN)
5267 II NW (CROSBY)
5267 II SW (MT. JEWETT)
5267 II NE (HAZEL HURST)
5267 IV SW (SMETHPORT)

78°37'30" 41°52'30" 698000m E. 699 700 35' REW 3.3 MI 701 702 703 32'30" 705 1 790 000 FEET 707 78°30' 41°52'30"

4638000m N. 4637 4636 4635 4634 50' 4633 4632 4631 4630 47'30" 4629 4628 4627 4626 580 000 FEET 4625 41°45'

4638 4637 4636 4635 50' 4634 4633 4632 620 000 FEET 4631 4630 47'30" 4629 4628 4627 4626 4625000m N. 41°45'

78°37'30" 698 699 700 1 770 000 FEET 35' 701 702 703 704 32'30" 706 707000m E. 78°30'

LAFAYETTE
KEATING
HAMLIN
SERGEANT

Gifford
Cyclone
Bingham
McKean
Ormsby
Backus
Mount Alton
Kushequa
Gaffney
Kasson
Bordell
Wolf Run
Dana Heights
KINZUA BRIDGE STATE PARK
STATE GAME LANDS NO. 62
OIL WELLS
OIL FIELD

Wolf Run
Wildcat Hollow
South Branch Cole Creek
Dratell Run
Railroad Run
Panther Run
Wooden Hollow
Kinzua Creek
Threemile Run
Blacksmith Run
Marvin Creek

BRADFORD
BALTIMORE AND OHIO
3 TRACKS
PIPELINE
ROAD
OLD RAILROAD GRADE
WOODARD RD
JEEP TRAIL
FIRE TR
ABANDONED R.R.

LAFAYETTE 3 MI.
SMETHPORT 2.3 MI.
HAZEL HURST 4.3 MI.
MOUNT JEWETT 7 MI.
SMETHPORT 3.2 MI.
PORT ALLEGANY 12 MI.

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, USCE, and Pennsylvania Department of Highways

Topography by photogrammetric methods from aerial photographs taken 1969. Field checked 1969

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

Only selected wells are shown in oil fields
Numerous wells omitted

MN GN
7½° 133 MILS
1°37' 29 MILS
UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000
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

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

PENNSYLVANIA
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route U. S. Route State Route

● INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1972

CYCLONE, PA.
SE/4 BRADFORD 15' QUADRANGLE
N4145—W7830/7.5
1969
AMS 5267 I SE—SERIES V831

USGS HISTORICAL FILE TOPOGRAPHIC DIVISION
MAY 4 1972
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