



- ACTIVE OIL WELL
- ABANDONED OIL WELL
- ★ ACTIVE GAS WELL
- ABANDONED GAS WELL
- ★ ACTIVE OIL & GAS WELL
- ABANDONED OIL & GAS WELL
- ◇ DRY HOLE
- NO RECORD

- COUNTY LINE
- TOWNSHIP LINES
- BOROUGH LINES
- COAL CONTOURS
- CROP LINES-SEAM BEING MINED
- CROP LINES-SEAM NOT BEING MINED

MERCER 9 80° 00' 41° 00'

HILLIARDS 7 79° 55' HILLIARDS 8 41° 00'

Thompson School

Euclid

1400 1300 1200 1100

WESTERN

Mercer Road

Muddy Creek

ALLEGHENY

Queen Junction

AND

Smithville

Jamisonville

ERIE

Unionville

Hickory Corner

SWAMP

Butler

40° 55' 80° 00' BUTLER 4 BUTLER 5 BUTLER 2 BUTLER 1

ZELIENOPLE 3 ZELIENOPLE 6

0 1 2 MILES

WPA PROJECT NO. 19666

BUTLER SHEET NO. 1

DRIFT OPENING

SLOPE OPENING

SHAFTS

BARRIER PILLAR