



- 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 LINES
- TOWNSHIP LINES
- BOROUGHS LINES
- 980 1K COAL CONTOURS
- CROP LINES - SEAM BEING MINED
- CROP LINES - SEAMS NOT BEING MINED

NOTE: Coal Contours shown are for Lower Kittanning (K) seam and are derived by adding 45 ft. to Vannoy Limestone Elevations.

- Y DRIFT OPENING
- Z SLOPE OPENING
- SHAFTS
- ▨ BARRIER PILLAR



BUTLER SHEET No. 1
Lower Kittanning seam - 1k.

W.P.A. PROJECT NO 4 483

B-1

Hilliards 7

Hilliards 7

Butler 4

Hilliards 8

Butler 2

Butler 5

Zelienople 3

Mercer 9

Zelienople 6

Thompson School

Euclid

Mercer Road

Muddy Creek

Queen Junction

Unionville

Jamisonville AND

Hickory Corner

Butler 5

Ch. 10/24/24 JMM ex