

- 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
- - - BOROUGH LINES
- 980 COAL CONTOURS
- - - CROP LINES - SEAM BEING MINED
- - - CROP LINES - SEAMS NOT BEING MINED

Youngstown 9

Youngstown 8
80°35'
41°00'

80°30'
41°00'

P O L A N D

S P R I N G F I E L D

Columbiana 2

OHIO PENNSYLVANIA

LAWRENCE CO.

New Castle 1

NOTE:
CONTOUR LINES ARE FOR
MIDDLE KITTANNING SEAM.

40°55'
Columbiana 5
80°35'

40°55'
80°35'

- DRIFT OPENING
- SLOPE OPENING
- SHAFTS
- ▣ BARRIER PILLAR



W.P.A. PROJECT NO.4483

COLUMBIANA SHEET NO.3

LK, MK, & LF Seam