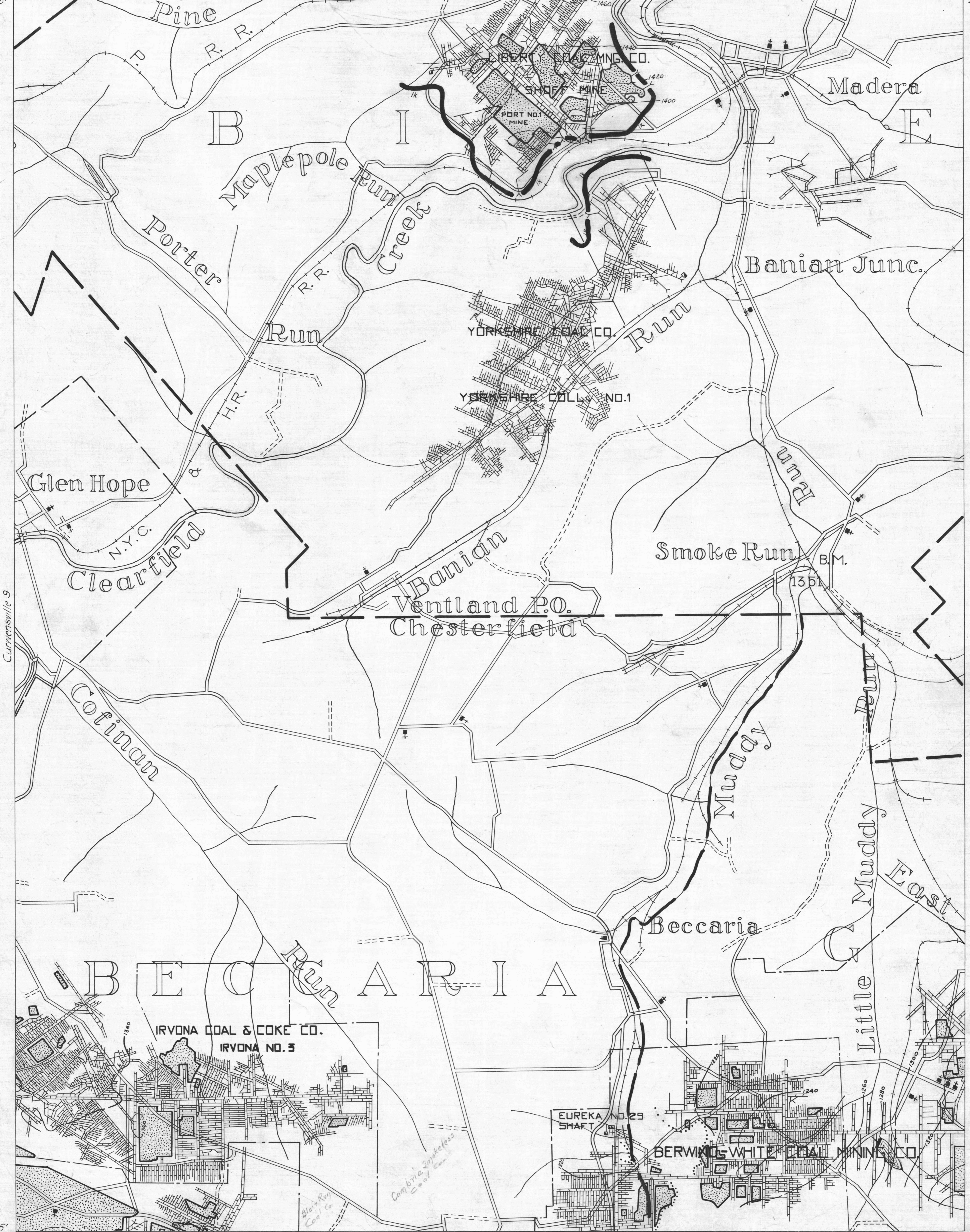


Curwensville 6 78° 50' 40° 50' Houtzdale 4

- 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 COAL CONTOURS
- CROP LINES - SEAMS BEING MINED
- CROP LINES - SEAMS NOT BEING MINED

78° 25' 40° 50' Houtzdale 5

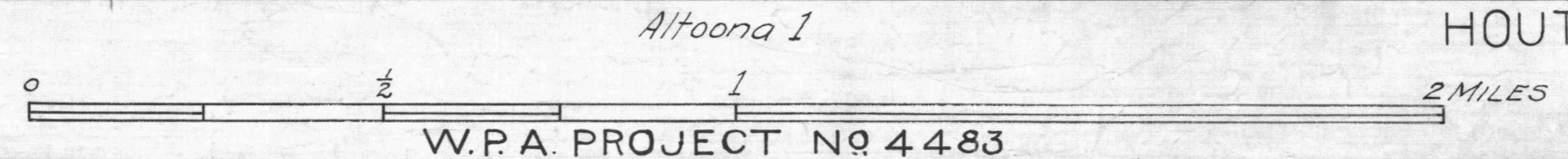


Curwensville 9

Houtzdale 8

40° 45' 78° 30' Patton 3

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



Altoona 1 HOUTZDALE SHEET NO. 7 LOWER KITTINGING SEAM - 1K 78° 25' Altoona 2