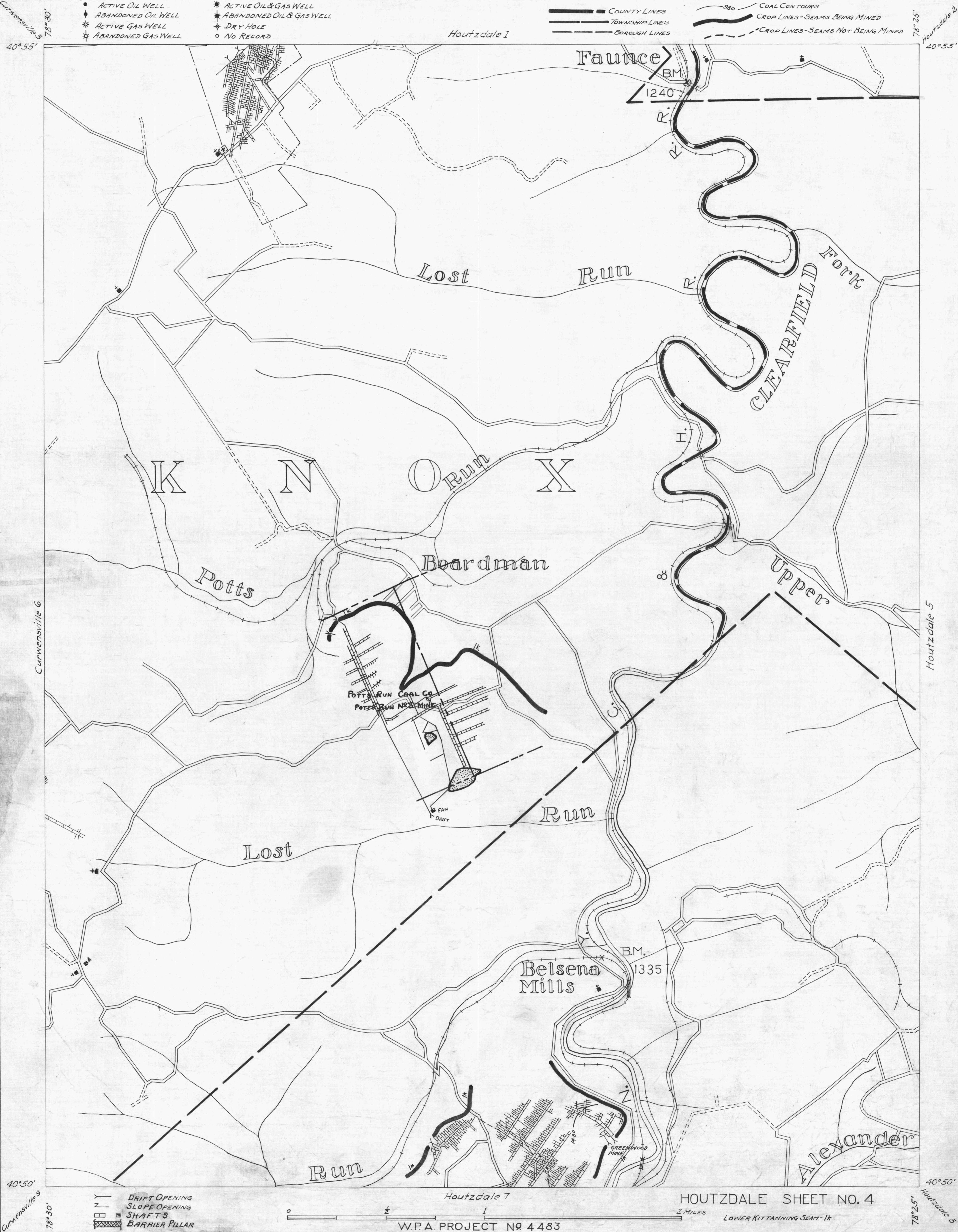


- ACTIVE OIL WELL
- ◐ ABANDONED OIL WELL
- ✱ ACTIVE GAS WELL
- ✱ ABANDONED GAS WELL

- ✱ ACTIVE OIL & GAS WELL
- ✱ ABANDONED OIL & GAS WELL
- ◐ DRY HOLE
- NO RECORD

- COUNTY LINES
- TOWNSHIP LINES
- BOROUGH LINES

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



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



W.P.A. PROJECT NO 4483

HOUTZDALE SHEET NO. 4

LOWER KITTANNING SEAM-1K

Houtzdale 1
 Houtzdale 2
 Houtzdale 5
 Houtzdale 7
 Houtzdale 8