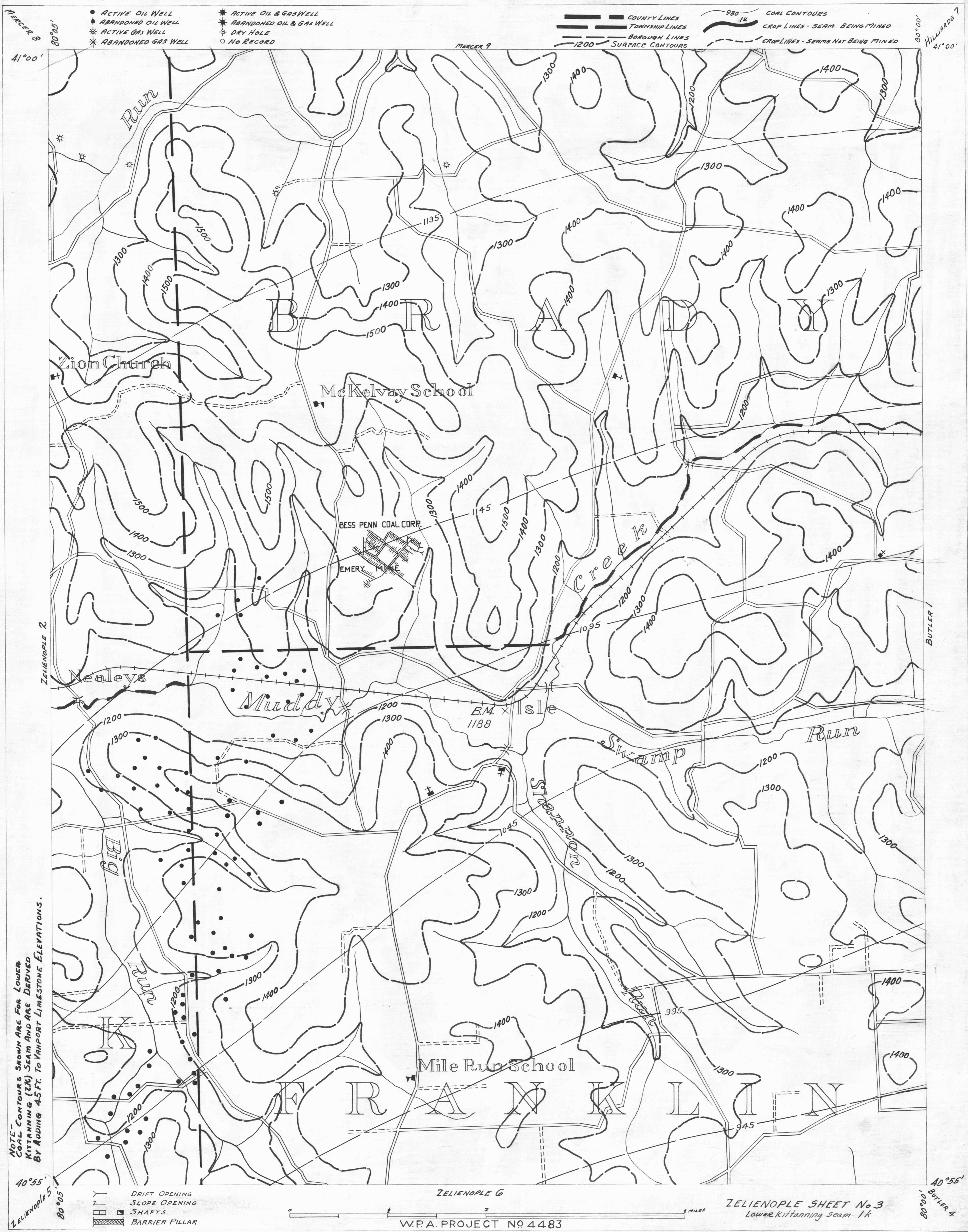


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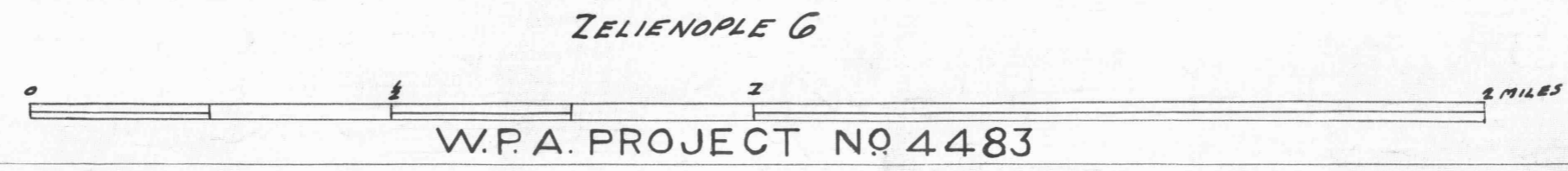
- ACTIVE OIL WELL
- ABANDONED OIL WELL
- ★ ACTIVE GAS WELL
- ★ ABANDONED GAS WELL

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

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

NOTE - COAL CONTOURS SHOWN ARE FOR LOWER KITTANNING (LK) SEAM AND ARE DERIVED BY ADDING 45 FT. TO VANPORT LIMESTONE ELEVATIONS.

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



W.P.A. PROJECT NO 4483

ZELIENOPLE SHEET No 3
Lower Kittanning seam - LK

ZEL-3 LK