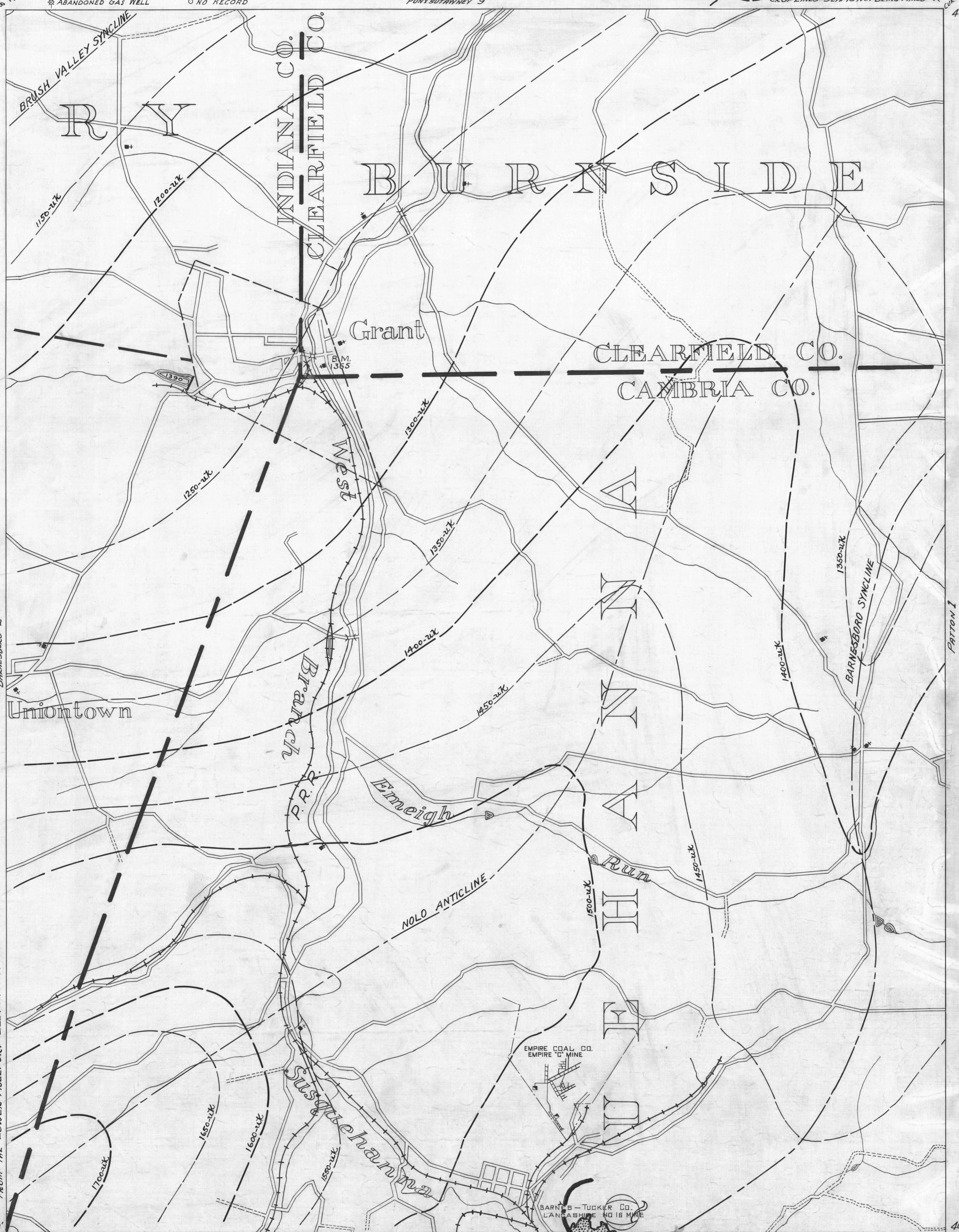


PUNY SUTAWNEY 8 78° 50' 40° 45' PUNY SUTAWNEY 9 78° 45' 40° 45' CUMWENSVILLE 7

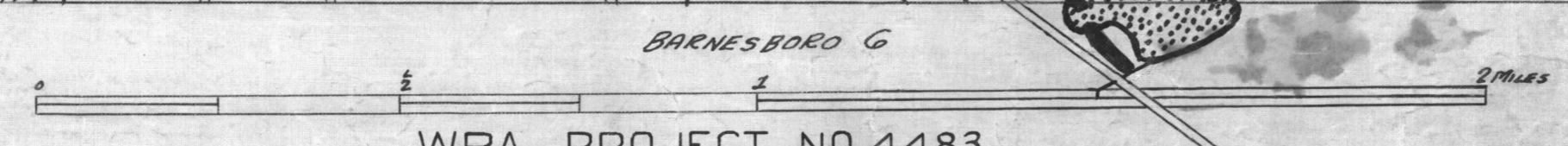
- ACTIVE OIL WELL
- ABANDONED OIL WELL
- ⊛ ACTIVE GAS WELL
- ⊛ ABANDONED GAS WELL
- ★ ACTIVE OIL & GAS WELL
- ★ ABANDONED OIL & GAS WELL
- ◇ DRY HOLE
- NO RECORD

- COUNTY LINES
- TOWNSHIP LINES
- BOROUGHS LINES
- 980 UK COAL CONTOURS
- CROP LINES - SEAM BEING MINED
- CROP LINES - SEAMS NOT BEING MINED



NOTE:
CONTOURS MARKED (UK) ARE FOR UPPER KITTANNING SEAM AND ARE DERIVED BY SUBTRACTING 50 FT. FROM THE LOWER FREEPORT ELEVATIONS.

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



W.P.A. PROJECT NO. 4483

BARNESBORO SHEET No 3
UPPER KITTANNING SEAM - UK

BAR - 3