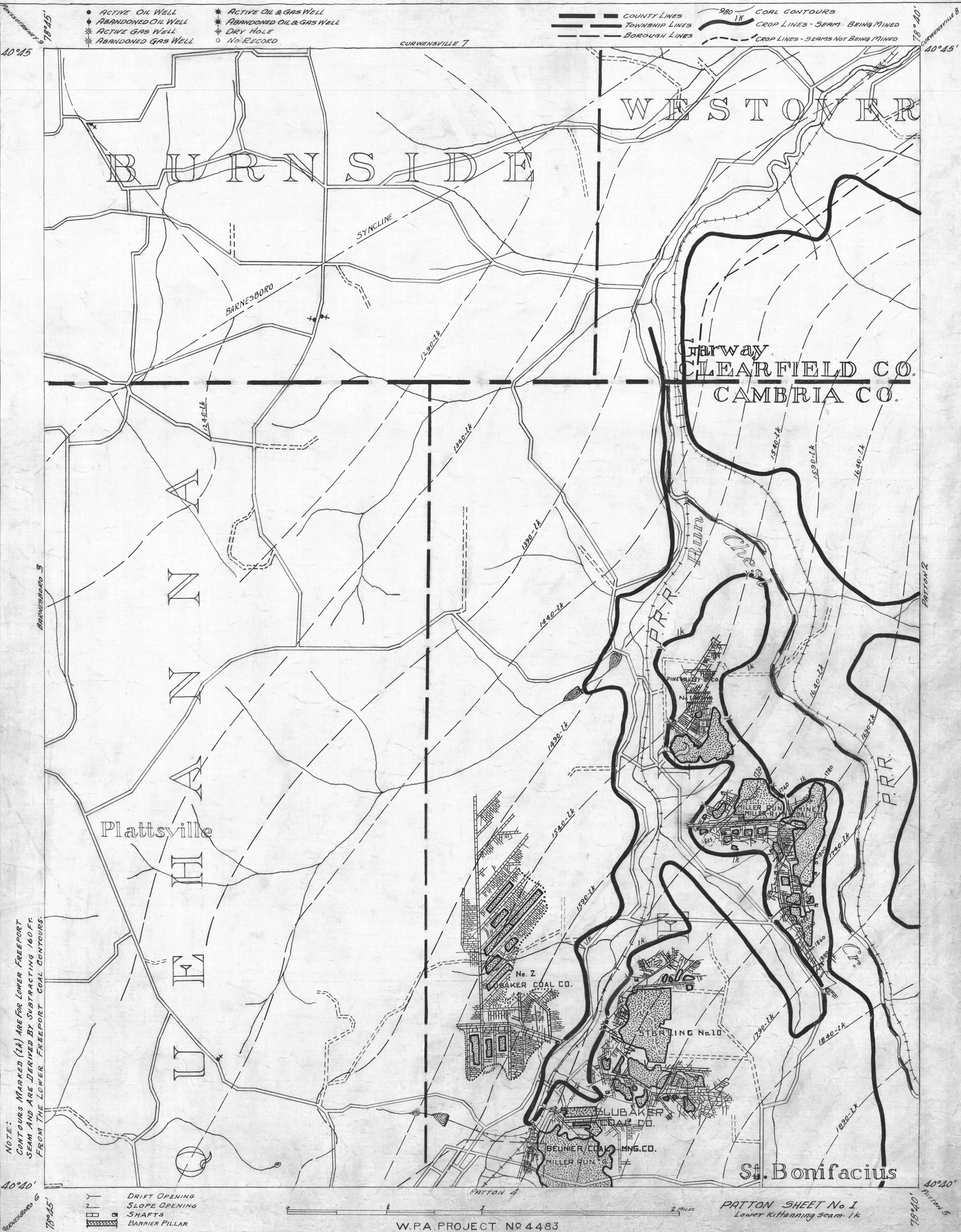


- ACTIVE OIL WELL
- ABANDONED OIL WELL
- ✱ ACTIVE GAS WELL
- ✱ ABANDONED GAS WELL

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

- COUNTY LINES
- TOWNSHIP LINES
- BOROUGH LINES

- 980 1k COAL CONTOURS
- CROP LINES - SEAM BEING MINED
- - - CROP LINES - SEAMS NOT BEING MINED



NOTE: CONTOURS MARKED (1k) ARE FOR LOWER FREEPORT SEAM AND ARE DERIVED BY SUBTRACTING 160 FT. FROM THE LOWER FREEPORT COAL CONTOURS.

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

W.P.A. PROJECT No 4483

PATTON SHEET No 1
Lower Kittanning Seam-1k

PAT-1