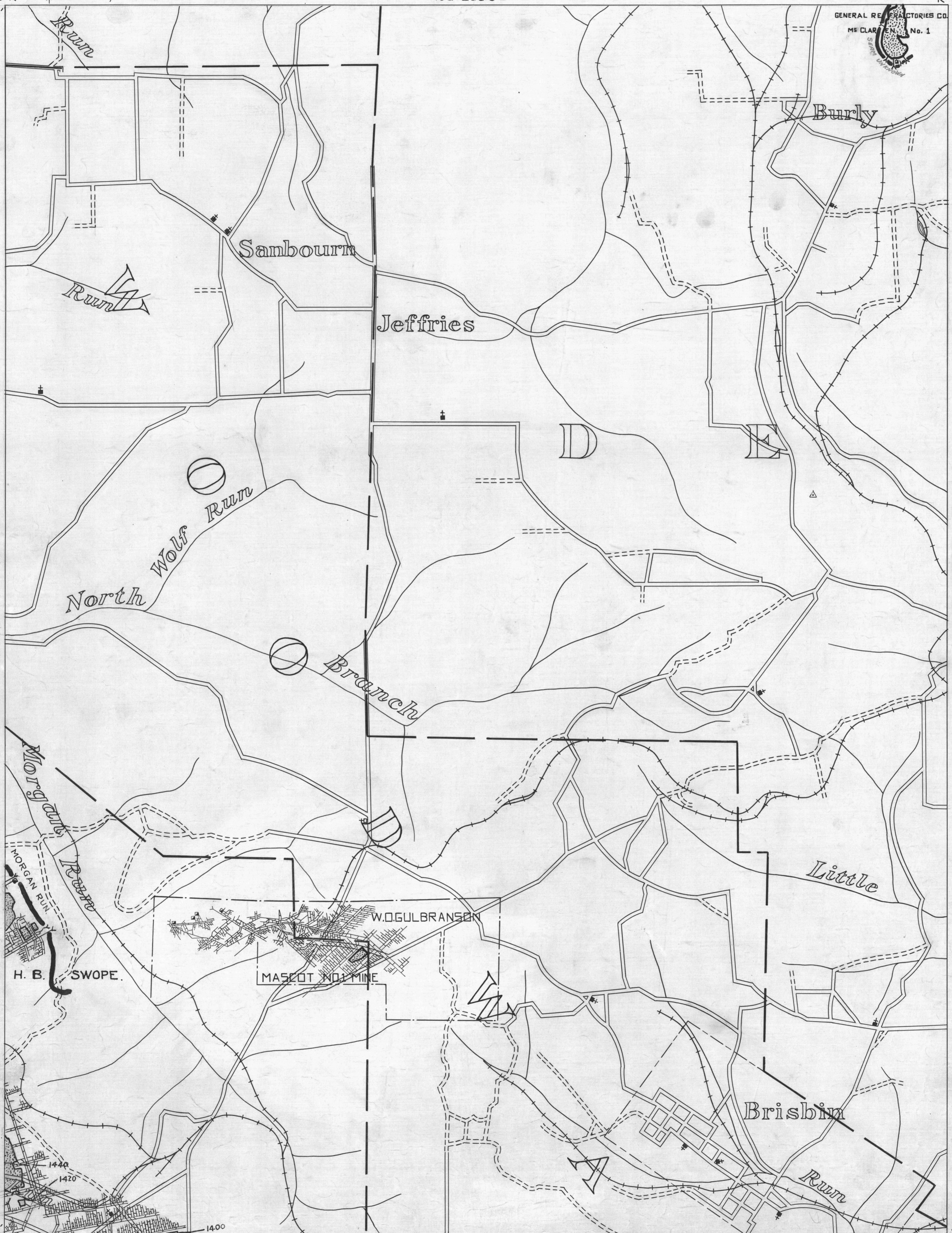
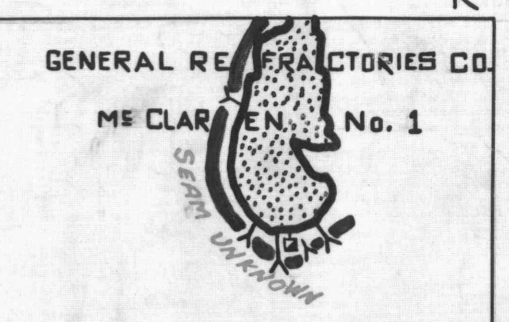


Houtzdale 1 78°25' 41°00' Houtzdale 2 Houtzdale 3 78°20' 41°00'

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

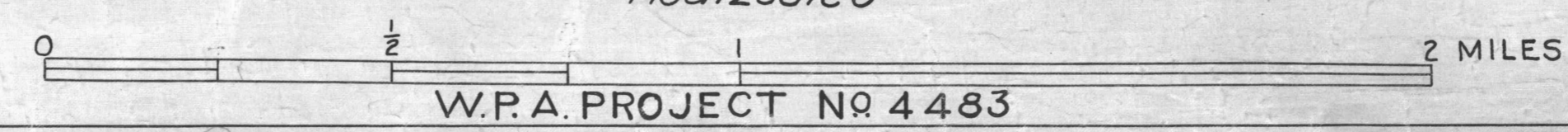
- COUNTY LINES
- TOWNSHIP LINES
- BOROUGH LINES

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



Houtzdale 7 78°25' 40°50' Houtzdale 8 Houtzdale 9 78°20' 40°50'

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



HOUTZDALE SHEET No. 5.
BROOKVILLE SEAM - br.

W.P.A. PROJECT NO 4483