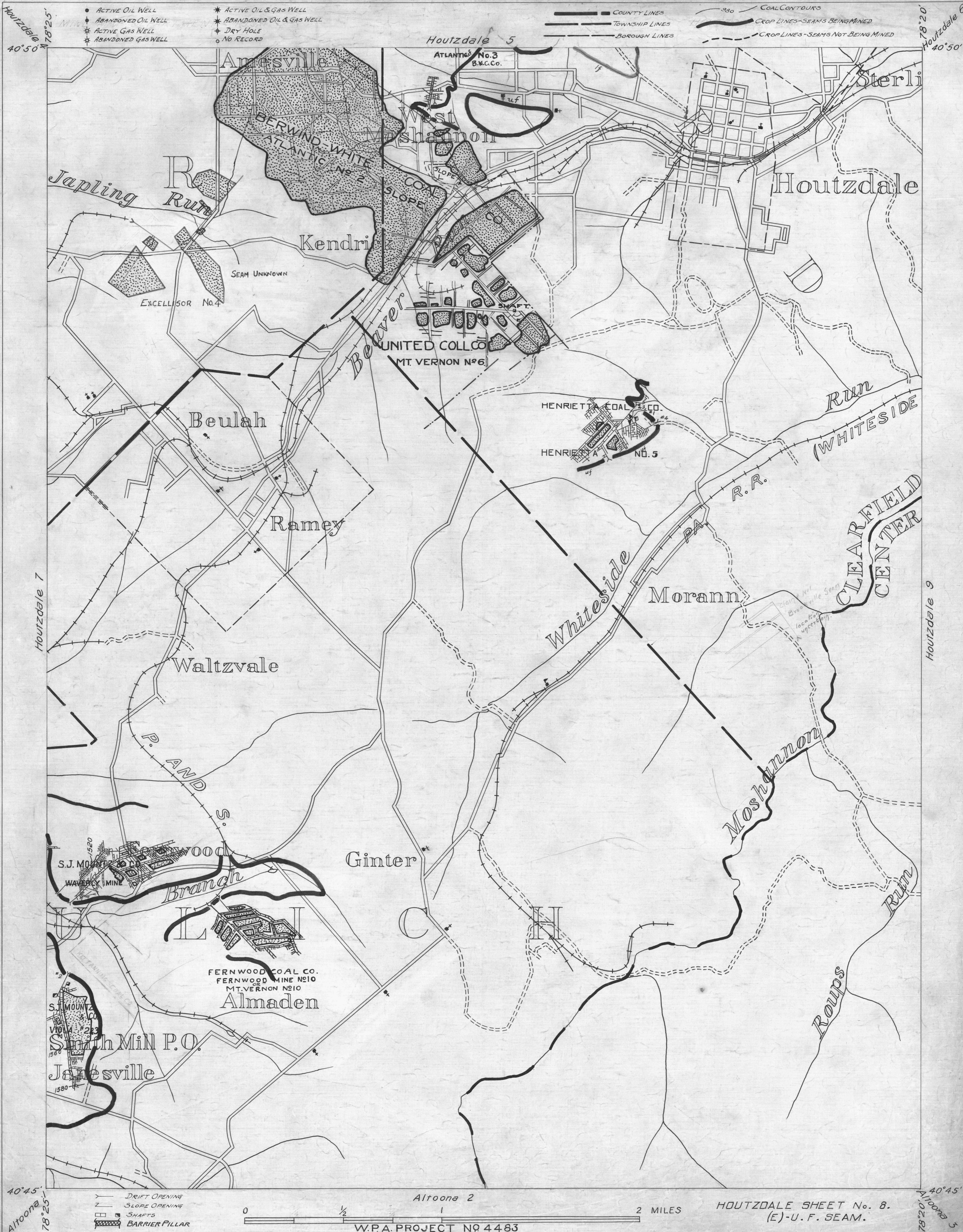
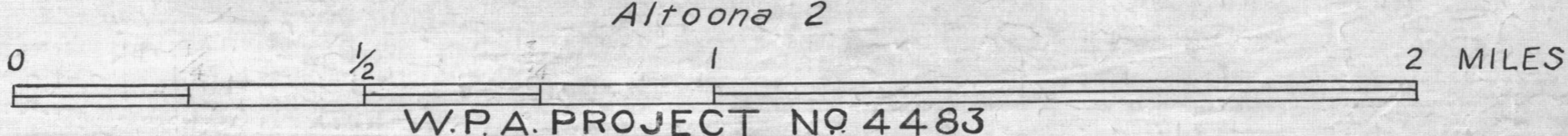


- ACTIVE OIL WELL
- ABANDONED OIL WELL
- ★ ACTIVE GAS WELL
- ABANDONED GAS WELL
- ★ ACTIVE OIL & GAS WELL
- ABANDONED OIL & GAS WELL
- DRY HOLE
- NO RECORD

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



- DRIFT OPENING
- SLOPE OPENING
- SHAFTS
- ▣ BARRIER PILLAR



HOUTZDALE SHEET No. 8.  
(E)-U.F. SEAM.

W.P.A. PROJECT NO 4483

Altoona 2  
78°25'  
40°45'

Altoona 5  
78°20'  
40°45'