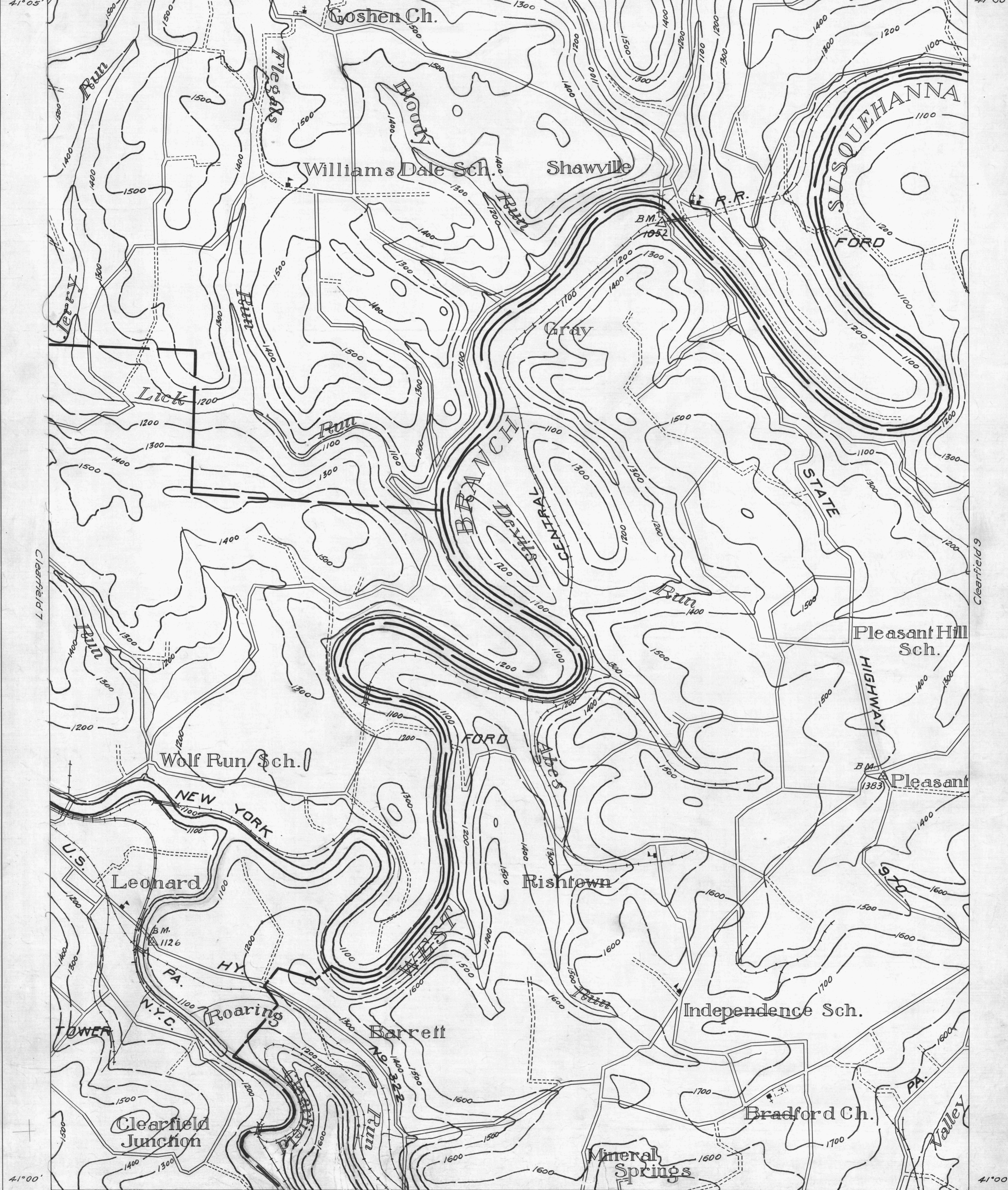


● ACTIVE OIL WELL      \* ACTIVE OIL & GAS WELL      ——— COUNTY LINES      ——— COAL CONTOURS  
 ○ ABANDONED OIL WELL      \* ABANDONED OIL & GAS WELL      ——— TOWNSHIP LINES      ——— CROP LINES - SEAM BEING MINED  
 \* ACTIVE GAS WELL      ○ DRY HOLE      ——— BOROUGH LINES      - - - CROP LINES - SEAMS NOT BEING MINED  
 \* ABANDONED GAS WELL      ○ NO RECORD      ——— SURFACE CONTOUR



DRIFT OPENING      Houtzdale 1      78° 25'      41° 00'      Houtzdale 2      78° 20'      41° 00'      Houtzdale 3  
 SLOPE OPENING  
 SHAFTS  
 BARRIER PILLAR  
 0 1/2 1 2 MILES  
 W.P.A. PROJECT NO 4483  
 CLEARFIELD SHEET No. 8  
 (B)-L. K. SEAM  
 L. KITTANNING