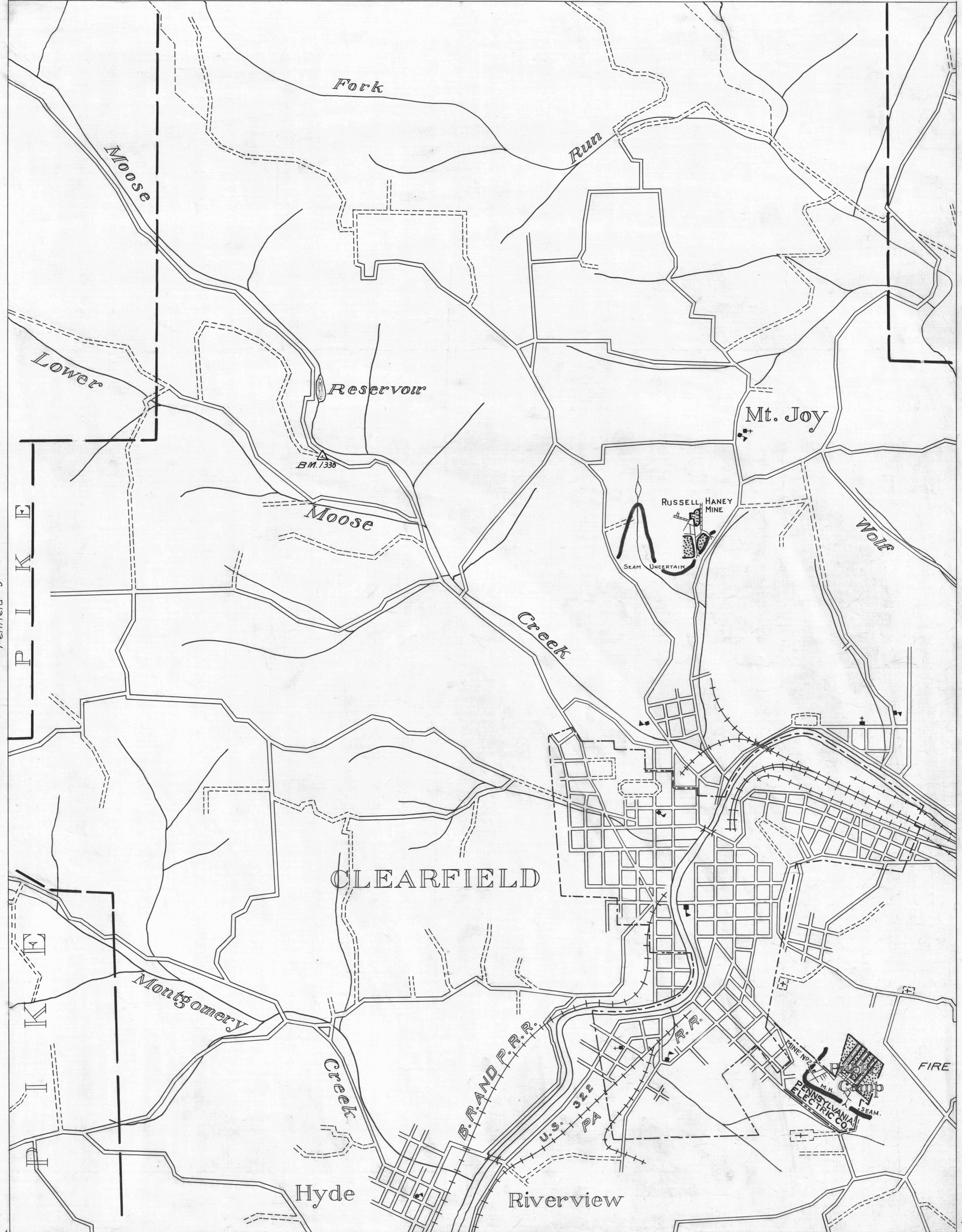


Penfield 6 78°30' 41°05' Clearfield 4 78°25' 41°05' Clearfield 6
 • ACTIVE OIL WELL * ACTIVE OIL & GAS WELL
 ◐ ABANDONED OIL WELL ◐ ABANDONED OIL & GAS WELL
 * ACTIVE GAS WELL ◐ DRY HOLE
 * ABANDONED GAS WELL ◐ NO RECORD

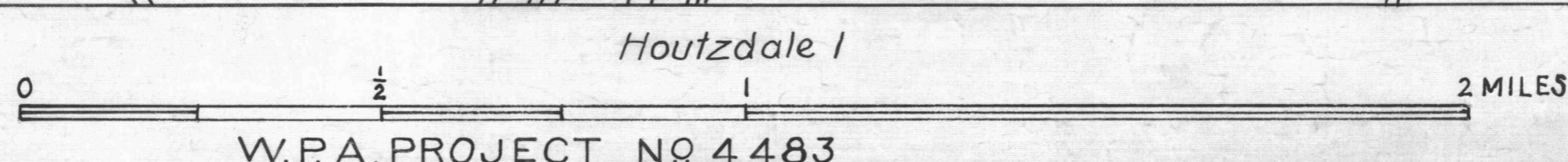
COUNTY LINES
 TOWNSHIP LINES
 BOROUGH LINES
 COAL CONTOURS
 CROP LINES - SEAM BEING MINED
 CROP LINES - SEAMS NOT BEING MINED



Penfield - 9
 Curwensville
 78°30' 41°00'

Clearfield 8
 Houtzdale 1
 Houtzdale 2
 78°25' 41°00'

DRIFT OPENING
 SLOPE OPENING
 SHAFTS
 BARRIER PILLAR



W.P.A. PROJECT NO 4483

CLEARFIELD SHEET No. 7
 (C)-M. K. SEAM.
 M. KITTANNING