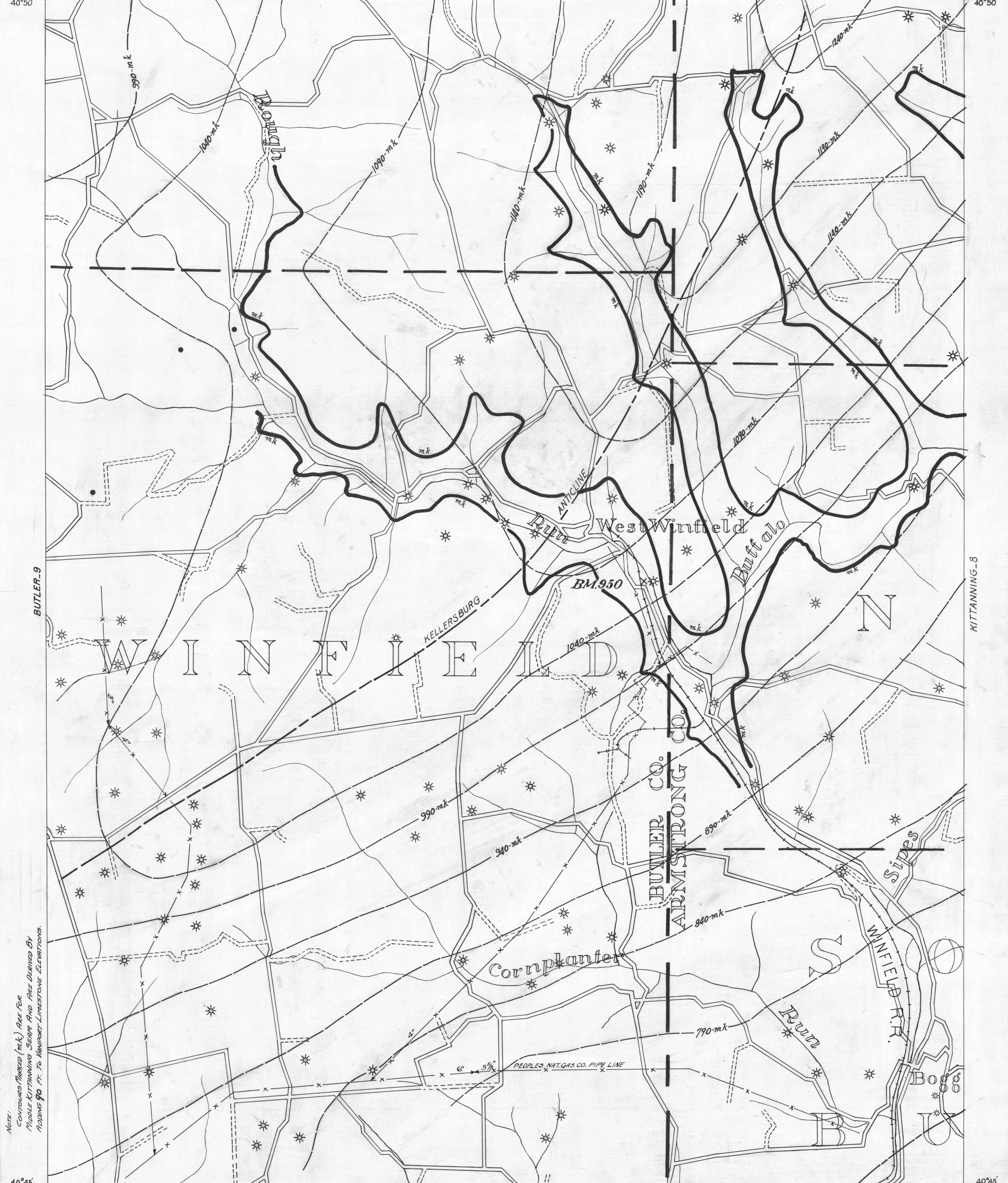


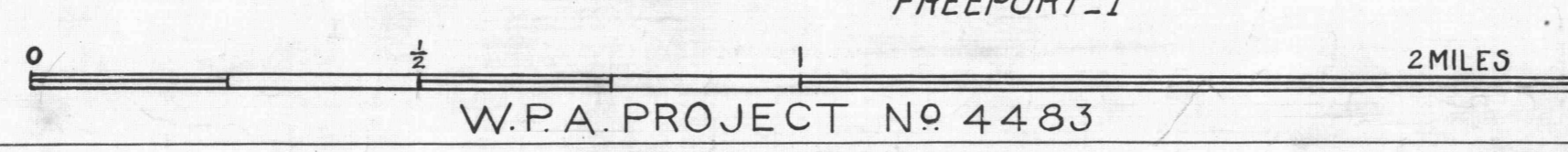
● ACTIVE OIL WELL * ACTIVE OIL & GAS WELL
 ◐ ABANDONED OIL WELL * ABANDONED OIL & GAS WELL
 * ACTIVE GAS WELL * DRY HOLE
 * ABANDONED GAS WELL ○ NO RECORD

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



Note:
 Contours (mk) are for
 Middle Kittanning Seam and are derived by
 adding 90 ft. to Harper Limestone Elevations.

DRIFT OPENING
 SLOPE OPENING
 SHAFTS
 BARRIER PILLAR



KITTANNING SHEET No. 7
 Middle Kittanning Seam - mk

Butler-6
 79°45'
 40°50'
 KITTANNING-4
 KITTANNING-5
 BUTLER-9
 WINFIELD
 West Winfield
 Buffalo
 BM.950
 KELLERSBURG
 BULLER CO.
 ARMSTRONG CO.
 Cornplanter
 Sipes
 WINFIELD R.R.
 BOGGS
 FREEPORT-1
 2 MILES
 FREEPORT-2
 40°45'
 79°45'