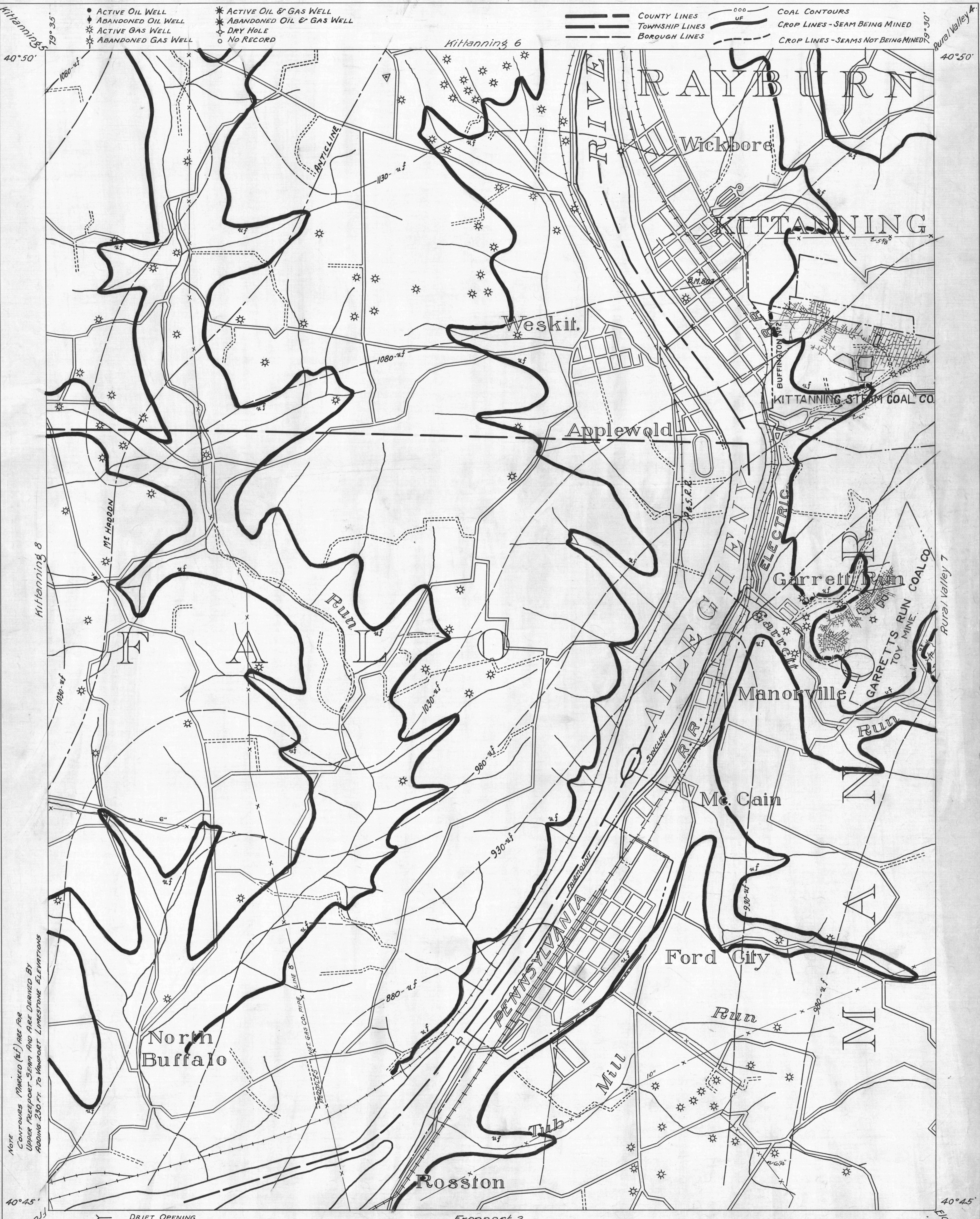


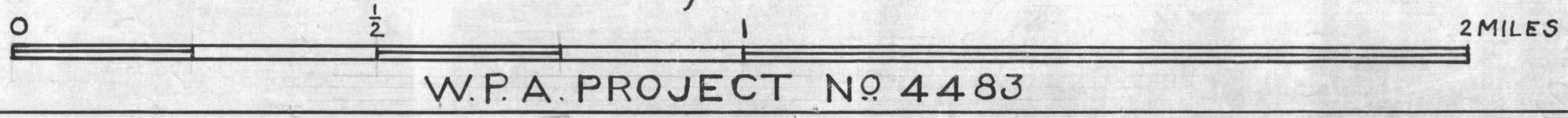
- ACTIVE OIL WELL
- ABANDONED OIL WELL
- * ACTIVE GAS WELL
- * ABANDONED GAS WELL
- * ACTIVE OIL & GAS WELL
- * ABANDONED OIL & GAS WELL
- ◇ DRY HOLE
- NO RECORD

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



NOTE
Contours marked (uf) are for
Upper Freeport Seam and are derived by
adding 230 ft. to Vanport Limestone Elevations

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



W.P.A. PROJECT NO 4483

KITTANNING SHEET No. 9.
(E)-U. F. SEAM.