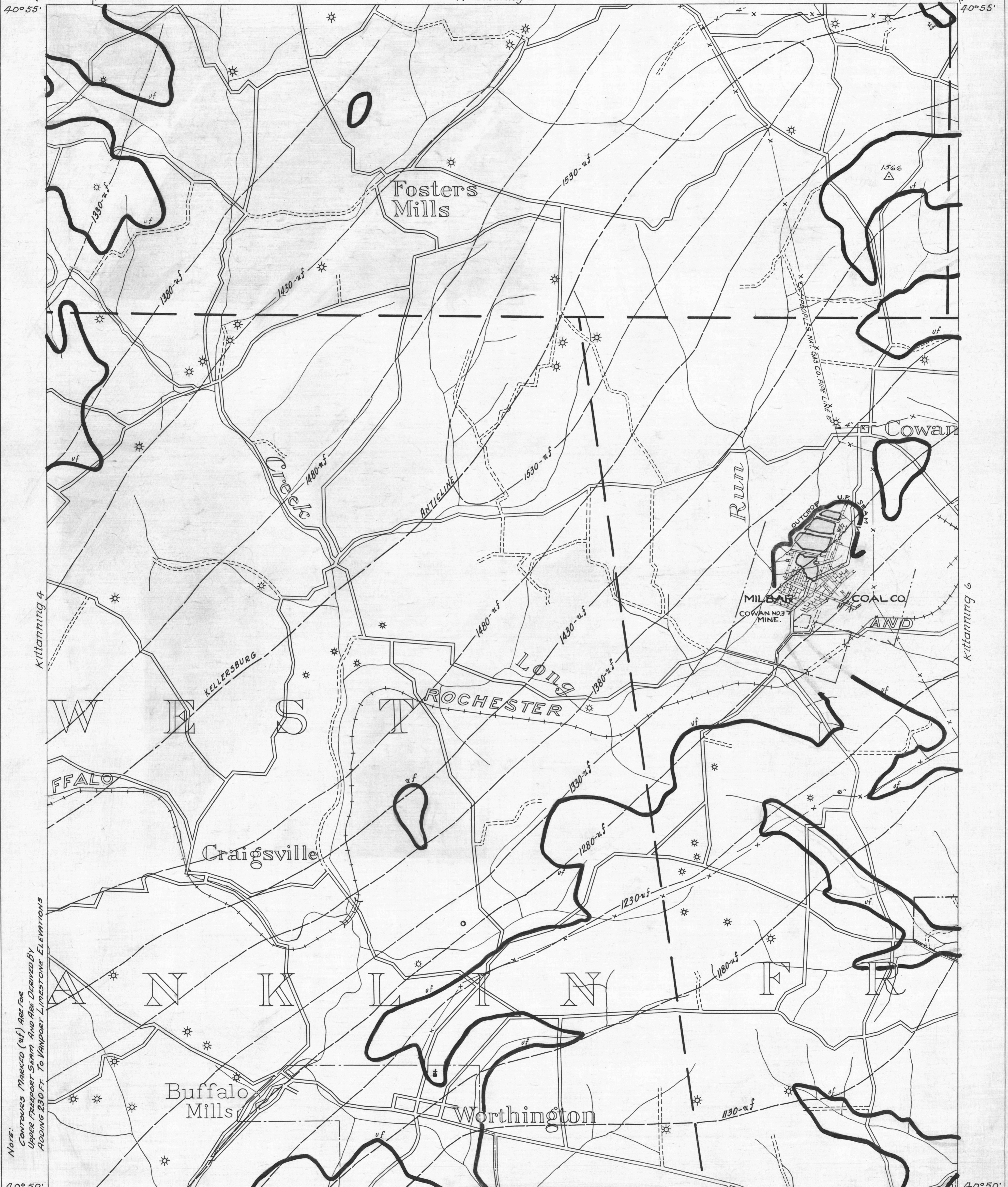


- ACTIVE OIL WELL
- ◐ ABANDONED OIL WELL
- * ACTIVE GAS WELL
- ◑ ABANDONED GAS WELL
- * ACTIVE OIL & GAS WELL
- * ABANDONED OIL & GAS WELL
- ◇ DRY HOLE
- NO RECORD

- COUNTY LINES
- TOWNSHIP LINES
- BOROUGH LINES

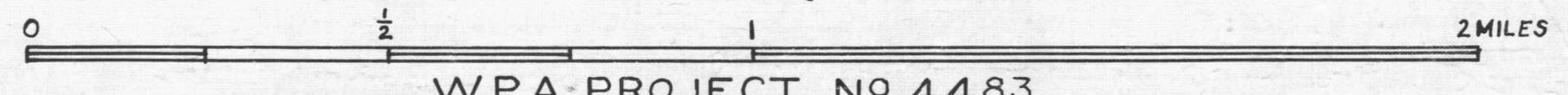
- COAL CONTOURS
- CROP LINES - SEAM BEING MINED
- CROP LINES - SEAMS NOT BEING MINED

Kittanning 2



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

- DRIFT OPENING
- SHAFTS
- BARRIER PILLAR



W.P.A. PROJECT No 4483

KITTANNING SHEET No. 5.
 (E)-U. F. SEAM.

Kittanning 1

Kittanning 3

Kittanning 8

Kittanning 6