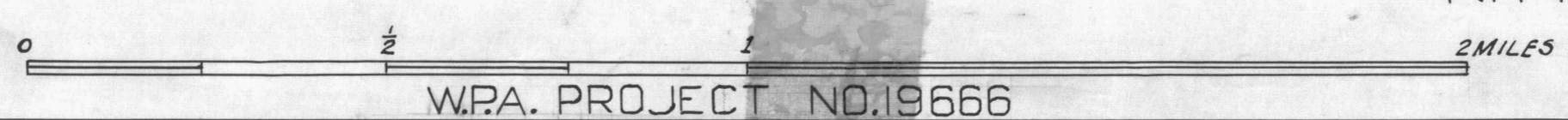


- ACTIVE OIL WELL
- ABANDONED OIL WELL
- ★ ACTIVE GAS WELL
- ABANDONED GAS WELL
- ★ ACTIVE OIL & GAS WELL
- ABANDONED OIL & GAS WELL
- ◇ DRY HOLE
- NO RECORD

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

NOTE: COAL CONTOURS SHOWN ARE FOR UPPER KITTANNING SEAM AND ARE DERIVED BY ADDING 140 FT. TO VANPOET LIMESTONE ELEVATIONS.

- DRIFT OPENING
- SLOPE OPENING
- SHAFTS
- BARRIER PILLAR



W.P.A. PROJECT NO. 19666

KITTANNING SHEET NO. 9

UPPER KITTANNING SEAM—uk