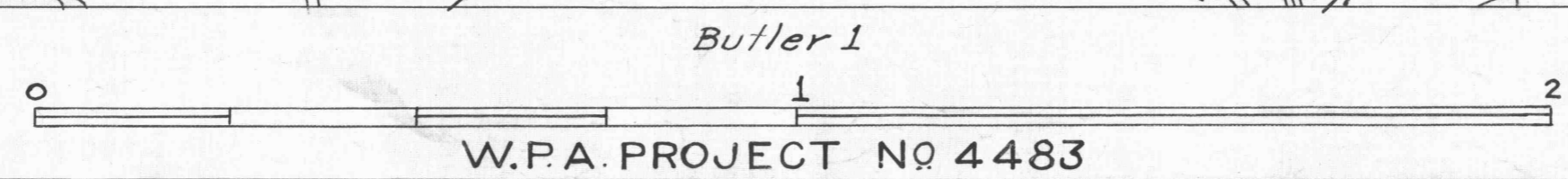


- ACTIVE OIL WELL
- ◆ ABANDONED OIL WELL
- ⊛ ACTIVE GAS WELL
- ⊛ ABANDONED GAS WELL
- ★ ACTIVE OIL & GAS WELL
- ◆ ABANDONED OIL & GAS WELL
- ⊛ DRY HOLE
- NO RECORD

- COUNTY LINES
- TOWNSHIP LINES
- BOROUGH LINES
- SURFACE CONTOURS
- 98a — COAL CONTOURS
- mk — CROP LINES—SEAM BEING MINED
- CROP LINES—SEAMS NOT BEING MINED

NOTE: COAL CONTOURS SHOWN ARE FOR MIDDLE KITTANNING SEAM AND ARE DERIVED BY ADDING 85 TO VANPORT LIMESTONE ELEVATIONS.

- DRIFT OPENING
- SLOPE OPENING
- SHAFT
- BARRIER PILLAR



HILLIARDS SHEET No. 7  
 Middle Kittanning Seam-mk.

Hilliards 4  
 Hilliards 5  
 Hilliards 8  
 Hilliards 9  
 Mercer 6  
 Mercer 9  
 Zellenople 3  
 Butler 1  
 Butler 2