

ARC ASSOCIATES  
K & J COAL CO., INC.  
SMP # 7780229  
FINAL HIGHWALL

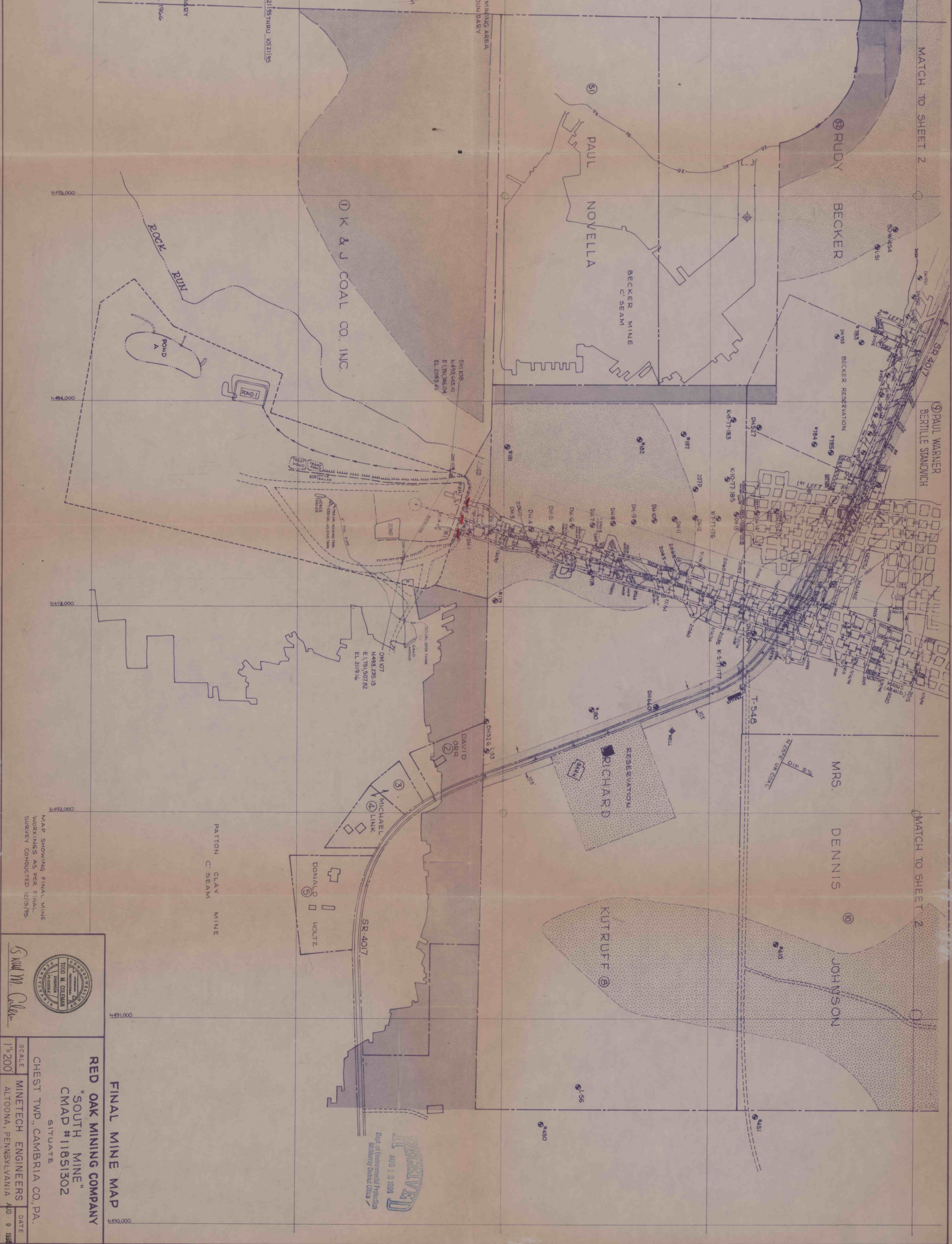


- LEGEND:
- MINE PERMIT BOUNDARY, 5 YEAR MINING AREA AND SUBSIDENCE CONTROL PLAN BOUNDARY
  - PROPERTY BOUNDARY
  - EXISTING DEEP MINE
  - DOMESTIC WATER WELL
  - GAS WELL (PLUGGED)
  - DRILL HOLE LOCATION
  - OUTCROP-UPPER KITTANNING SEAM
  - BELT CONVEYOR
  - PERMANENT STOPPIINGS
  - TRACK

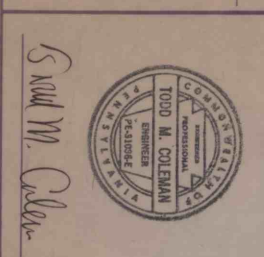
- MINE SUBSIDENCE PLAN LEGEND:
- PROPOSED SIX MONTH PROJECTION 4/12/95 thru 10/21/95
- COAL BARRIER
  - 50% EXTRACTION AREA
  - NO MINING AREA
  - PREVIOUS SURFACE MINED AREA
  - SUBSIDENCE CONTROL PLAN BOUNDARY
  - MAP PERMIT BOUNDARY
  - STRUCTURES EXIST PRIOR TO APR. 27, 1966
  - SURFACE SUPPORT AREA 24 ZAC
  - SEAL LOCATION

NOTE:  
THERE ARE NO UNDERGROUND MINE WORKINGS LOCATED ABOVE OR BELOW THE SEAM BEING MINED.

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MAP SHOWING FINAL MINE WORKINGS AS PER FINAL SURVEY CONDUCTED 12/19/95



**FINAL MINE MAP**  
**RED OAK MINING COMPANY**  
 "SOUTH MINE"  
 CMAP # 11851302  
 SITUATE  
 CHEST TWP., CAMBRIA CO., PA.  
 MINITECH ENGINEERS  
 ALTOONA, PENNSYLVANIA  
 DATE  
 AUG 9 1998

RECEIVED  
 AUG 12 1998  
 Dept. of Environmental Protection  
 Mailing District Office