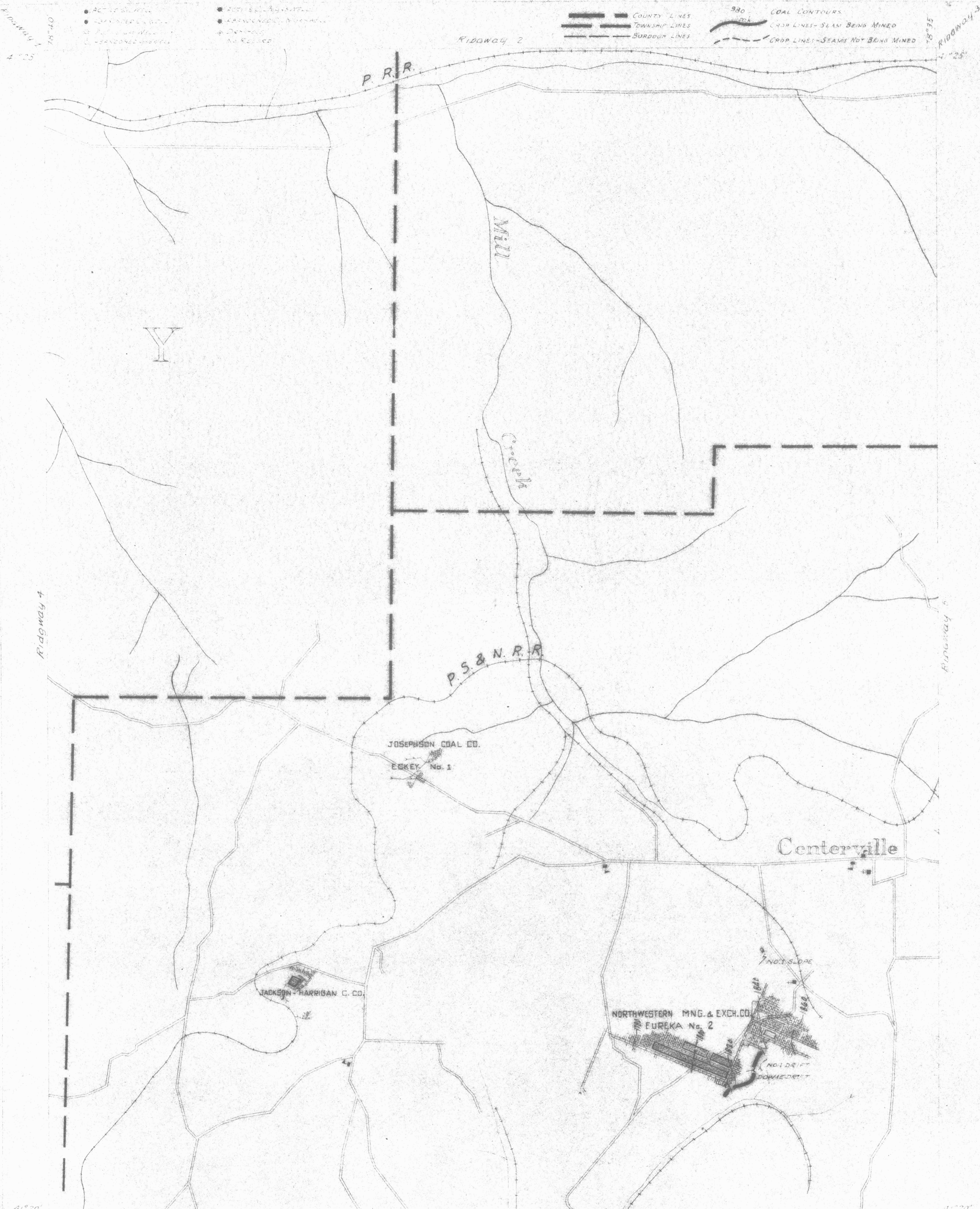


ACTIVE MINES  
 ABANDONED MINES  
 UNDEVELOPED MINES  
 PERSONS OWNED  
 COUNTY LINES  
 TOWNSHIP LINES  
 BURDUGH LINES  
 COAL CONTOURS  
 CROP LINES - SEAM BEING MINED  
 CROP LINES - SEAMS NOT BEING MINED



DRIFT OPENING  
 SLOPE OPENING  
 SHAFTS  
 BARGE PILLAR  
 WPA. PROJECT NO. 4483  
 RIDGWAY SHEET No. 5  
 Middle Kittanning Seam - mk