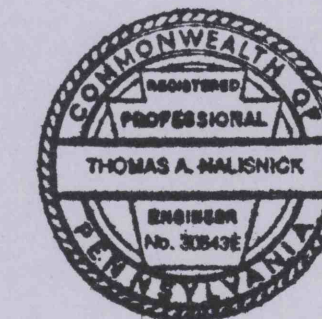




This map compiled from aerial photography taken April, 1979
L. Robert Kimball, Consulting Engineers, Pennsylvania, for
BARNES & TUCKER COMPANY

LEGEND
 ○ MONUMENT & ELEVATION
 △ MONUMENT
 ● PROPERTY CORNER
 ◇ GAS WELL
 △ IRON PIN
 ⊙ DIAMOND & ROTARY
 DRILL HOLE

PLANIMETRIC MAP
 TANOMA MINE
 RAYNE TOWNSHIP, INDIANA 46784
 SCALE: 1" = 400'
 40 OF 59



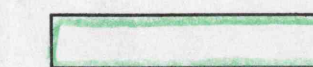
Thomas A. Malishnick

TANOMA COAL CO. TANOMA MINE

LOWER KITTANNING
 RAYNE TWP.
 GREEN TWP.
 CHERRYHILL TWP.
 WHITE TWP.
 SCALE 1" = 200'

B" SEAM
 INDIANA COUNTY, PA.
 INDIANA COUNTY, PA.
 INDIANA COUNTY, PA.
 INDIANA COUNTY, PA.
 SURVEY DATE 12/23/99

150' GAS WELL RADIUS AREA



PROTECTED STRUCTURES



SUBSIDENCE BOUNDRY



SAFETY ZONE 50% MINING ONLY



SIX (6) MONTH MINE OUTLINE



PILLARED AREAS



SURFACE PROPERTY



COAL RIGHTS RETAINED BY SURFACE OWNER



- NOTES:
1. COAL LEASED FROM CBC (EXCEPT AS NOTED)
 2. TYPICAL ENTRY WIDTH IN PROTECTED AREA WILL BE 18 FEET WIDE (EXCEPT AS NOTED)
 3. ANY PILLAR WHICH CROSES THE PROTECTED LINE WILL BE CONSIDERED PART OF THE SUPPORT AREA
 4. ALL COAL IN THE SUPPORT AREA WILL BE KEPT SOLID EXCEPT FOR ENTRIES AND CROSS CUTS AS SHOWN.
 5. NO MINING IS PERMITTED IN THE 150 FT. RADIUS AREA OF THE GAS WELLS UNTIL APPROVAL IS GRANTED BY THE BUREAU OF OIL AND GAS MANAGEMENT

FROM: 1/15/00

TO: 8/15/00

RECEIVED
 JAN 11 2000

Dept. of Environmental Protection
 McMurray District Office

No Mining Done On This Sheet During The
 Period