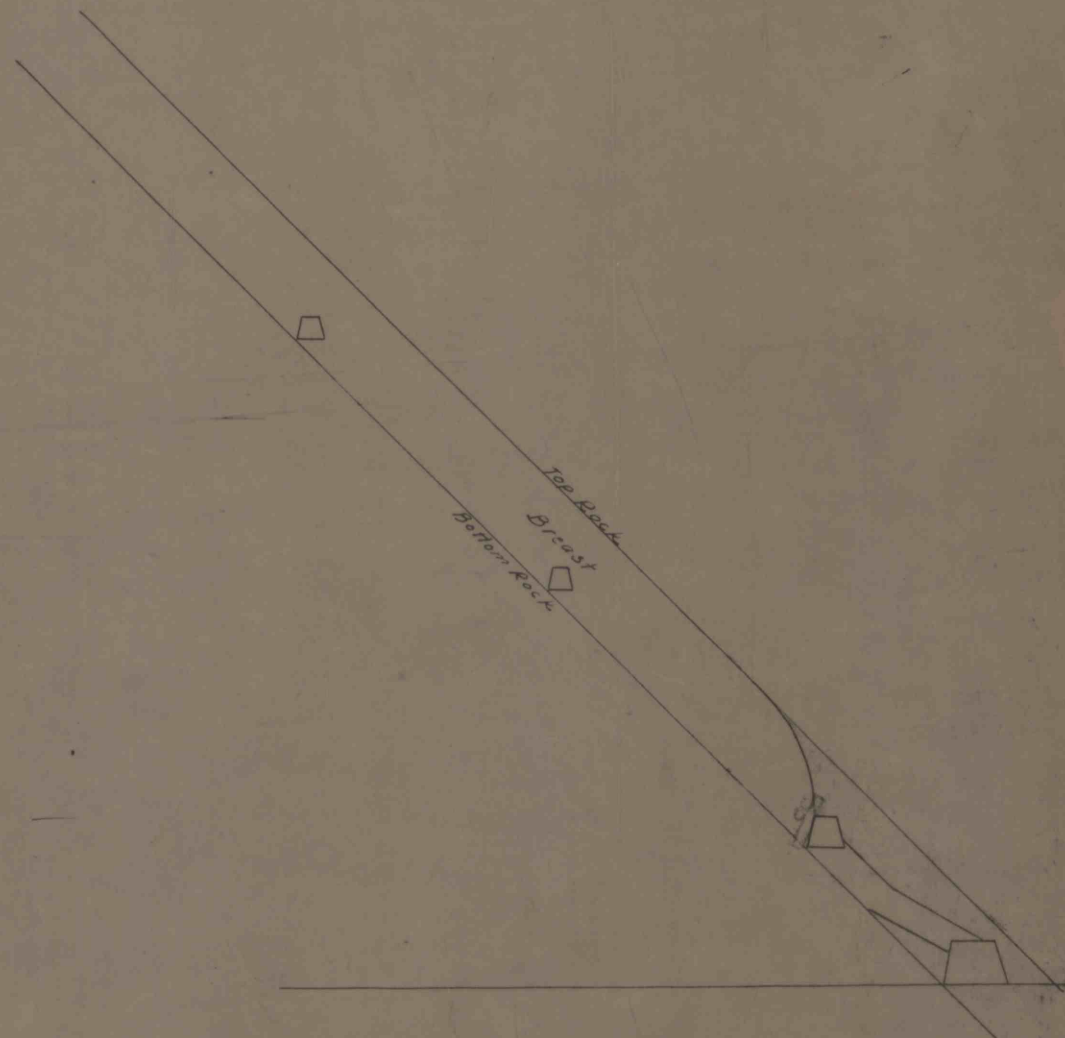
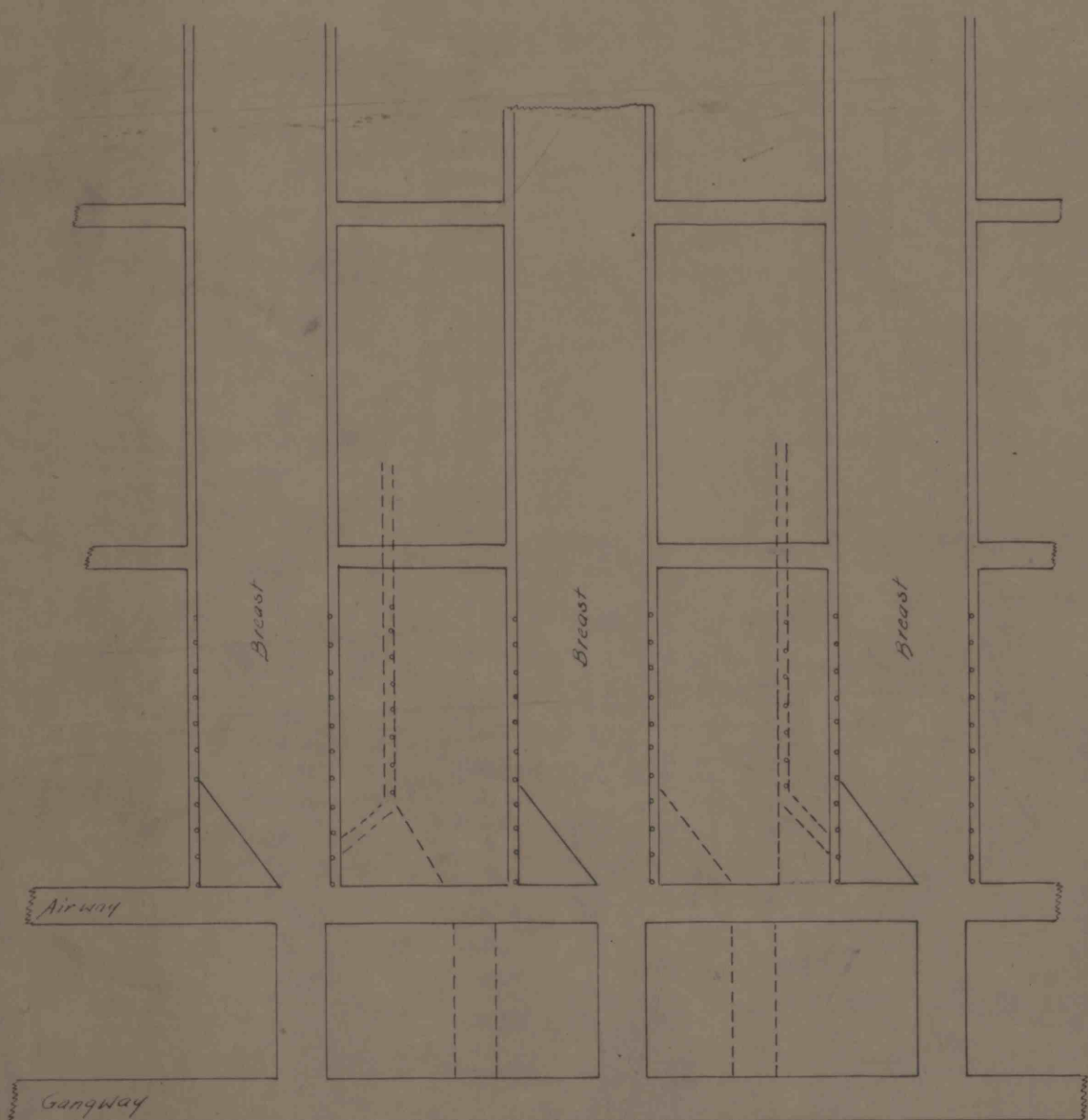




NOTE -

Chutes, on 60° d., driven up 25' t. and connected by level airway. Check batteries placed at top of chutes and breasts opened. Middle breast of three not driven thru to upper level. Small hole may be driven thru to keep breast free of gas. Middle breast is drawn empty, batteries placed in corners of the two pillars, and a skip of the pillars started. The coal in the pillars is blasted over into the empty breast. Small pillar left between the skip manways, and the manways of the two full breasts. When skips are completed, small pillars are drilled full of holes and fired.

THE LEHIGH COAL AND NAVIGATION CO.
LANSFORD, PENNA.
MINING ENGINEERING DEPT.

COLLIERY

Sketch Showing - Breast
and pillar skip method of
Mining thin vein under 50',
where top is good

SCALE 1" = 20' (pitch) MADE BY
DATE 5-5-25 TRACED BY
REVISOR CHECKED BY
APPROVED:

MIN. ENGR.
MIN. SUPT.
GENL. MANAGER

DRAWING NO.
C 54