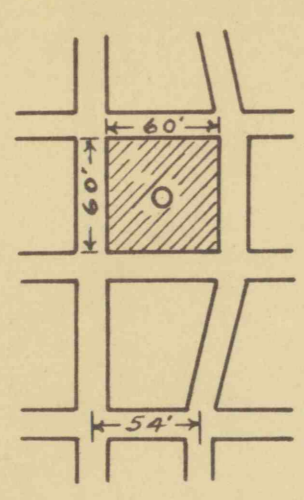
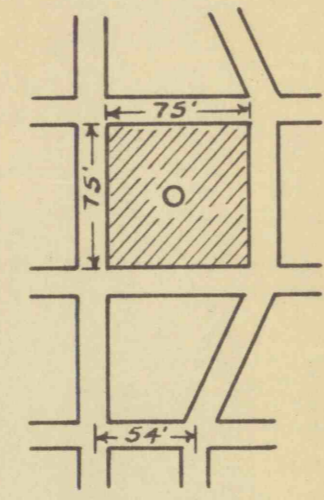


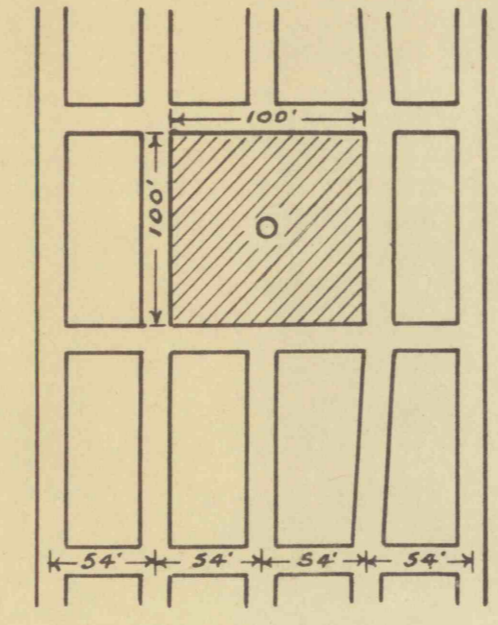
JOINT COAL AND GAS COMMITTEE
GAS WELL PILLAR STUDY
EXAMPLES OF PILLAR PLANS FOR VARIOUS DEPTHS OF COVER



COVER 0' To 149'

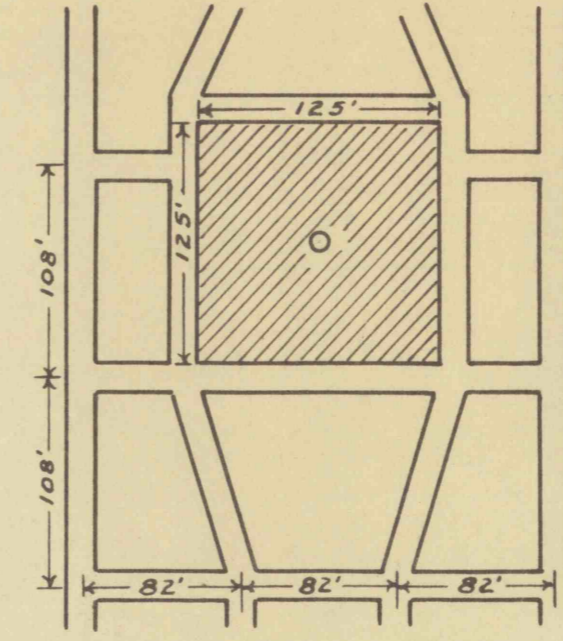


COVER 150' To 249'



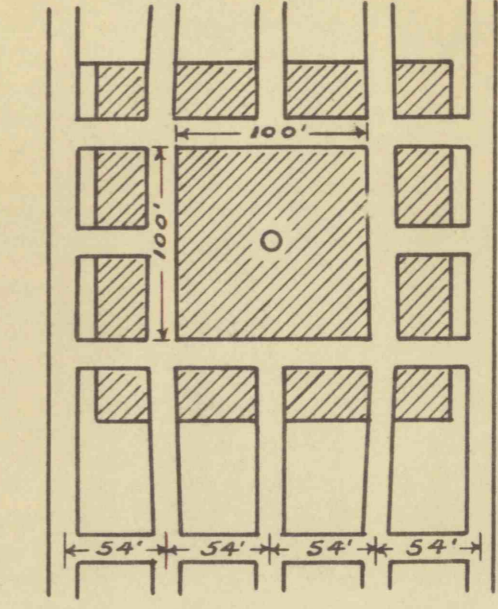
COVER 250' To 349'

(MIN. 10,000^{sq}' BEARING AREA)

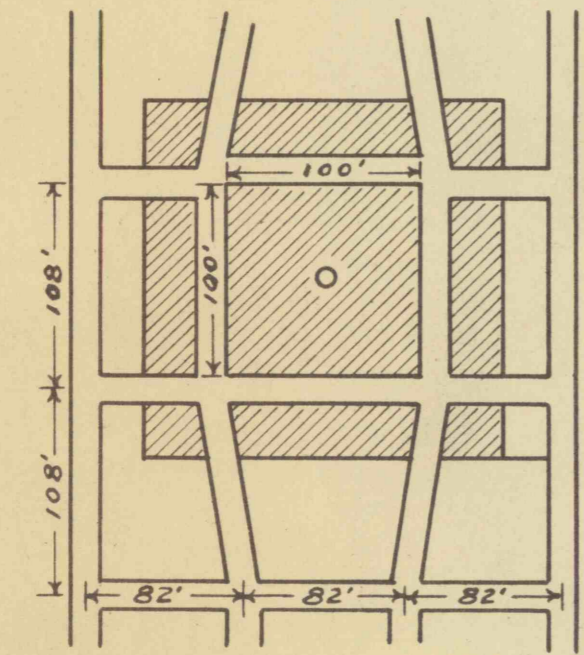


COVER 350' To 449'

(MIN. 15,600^{sq}' BEARING AREA)

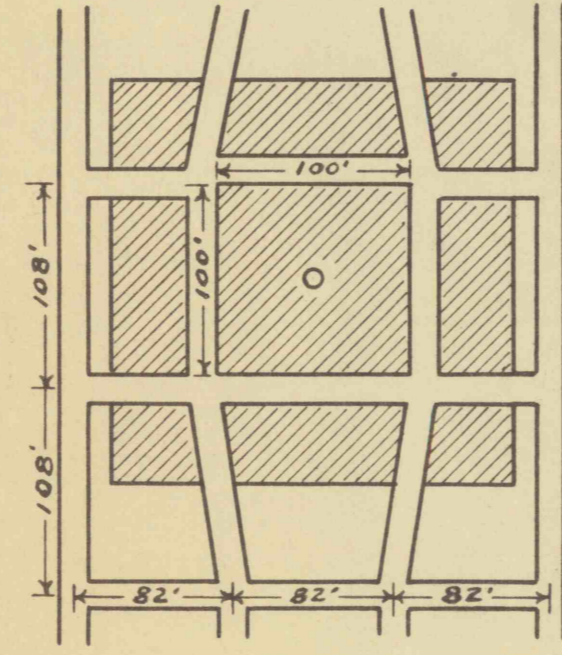


(MIN. 22,000^{sq}' BEARING AREA)



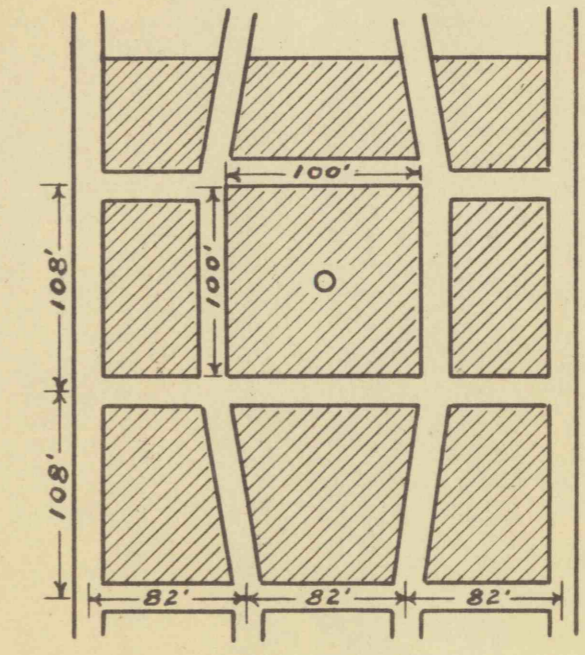
COVER 450' To 549'

(MIN. 23,000^{sq}' BEARING AREA)



COVER 550' To 649'

(MIN. 32,000^{sq}' BEARING AREA)



COVER 650' To 700'+

(MIN. 40,000^{sq}' BEARING AREA)

NOTE:
NO PLACE TO EXCEED 15' IN WIDTH.
PILLARS TO BE A MINIMUM OF TWICE THE
WIDTH OF THE EXCAVATION DRIVEN.
SCALE: 1 INCH = 200 FEET