

FIELD NOTES

Illinois State Geological Survey

Map 4107 d5-28

3b

Big Muddy Coal and Iron Co. #7.
 Shaft - thickness 9'. Roof coal 15-22". Gray shale 5'.
 Fire clay floor 3'. General Coal Report #425. Blue
 band $\frac{1}{2}$ -1". Another vein of coal 42' below - 4' thick.
 Dips or rolls from 3-5' - common. Squeezes cause some
 trouble. Room and pillar method. Many of pillars
 drawn. When water sometimes troubles. Hand mining and
 hand drilling. Haulage, 3 motors, Jeffries. 2-ten ton
 and 1 13 - General Electric. Shoot from solid. Steam
 hoisting. Fan ventilation - no gas, no dust. Drainage
 sumps and pipes, 3 steam and 4 electric pumps.
 2600' from shaft.

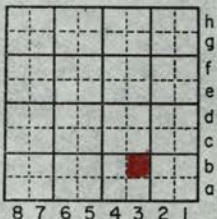
Washer - wash about 60%. All that passes 3" screen.
 6" lump 1. General Electric turbine.
 6" egg

Box car loader, Bond make.

1. Jeffrey 100K.W. McEwen engine 20 x 36"

1. General Electric and 1 Cluse engine 100KW

Capacity of mine 2000 tons per day. Waste - 30% in
 pillar and c. P.H.Carroll, Supt. Gray shale roof is
 30', in places is a black shale 3-9' above which is
 limestone and towards south part of mine $\frac{1}{4}$ acre.



By T.E.Savage Date 1906

Quadrangle Herrin

County Williamson Sec. 20 T 8S R 2E