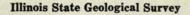
FIELD NOTES



June 13, 1908 See map 4107 i5.1-11, sheet 2

6f

E 10. General Coal Report #473.

Mine No. 1, known as "The Big Muddy Mine". Supt. -A.B. McLaron.

Chicago Big Muddy Coal and Coke Co.

No. 7 coal. Thickness, greatest 10'; least 7'; average 8°. 7½° mined the rest left in roof. A natural parting between the upper and lower part of the coal. The coal 4-6" above the parting especially hard. No cleat. Dip NE. Blue band 22-3' up, 1-3" thick.

Section - general

27 surface

8º black slate

30' soapstone 2' sand rock

8º coal

2º fire clay

8º limestone etc.

Rooms 20°

Pillars of entries 20', entries 10', pillars of rooms 9', neck 9-10'.

Electric haulage: 3 motors and mule haulage.

Cars 2 tons.

Shaft 9 x 16 - 2 compartment and pipe compartment. Ventilation. Etna fan 5 x 5 blade, 20' diameter. Reversible.

Pumps - 1 Cameron #7, 1 Knowles #8, and 1 Knowles #9.

(Cont'd on next page)

Date 1908 By G. H. Cady Quadrangle_West Frankfort

County Williamson

Sec. 2 T 9S R 2E

FIELD NOTES

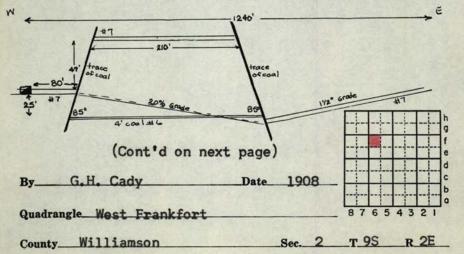
Illinois State Geological Survey

(E 10. cont'd)

6f

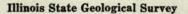
Pull as much coal as possible. Pick mining. No machines. Bond cage modified by Mr. McLaran. 30% coal screened, 70% mine run, 45% lump and egg, 55% nut and screenings. Shipping points north and west. Lifting capacity 1500 tons. Shaft 100' deep to bottom of coal. Elevation 490 A.T.L. Later 485 A.T.L. Elevation of base of coal 390 A.T.L. Etna hoisting engine 5' drum, first motion - above. Below - Leagerwood geared. Jeffrey 6 ton motor. Goodman 8 ton. An Ottumwa boxcar loader. The geological structure of the coal in this mine is complicated by a number of faults running about

The geological structure of the coal in this mine is complicated by a number of faults running about NE-SW 18° E of N through the mining property. The main faulted area lies to the east of the shaft. Here a block 210' wide is faulted up approximately 80' from the shaft. The displacement amounts to about 47'. The diagram shows the structure.



Original: Cady, G.H. #79 .

FIELD NOTES



(E 10. cont'd)

6f

A smaller fault with a drop of about 7' is found about 300' west of shaft trending in same direction. The fault line is not straigt but curves towards the east going south.

Mr. McClarin gave me the log of a hole drilled 1085' NW of main shaft. Elevation approximately 460' later 466.

General Coal Report #247.

Missouri Pacific Railroad and C&EI Railroad. 8 tracks, 4 each side. Chicago Office 305-7-9 Fisher Building.

(E 1-13 - Marion, Scottsboro, Peabody Mine No. 3, Big Muddy Mine, Watson Mines, and return)

