

In addition, this company has sunk mines Nos. 3 and 4 during the year. The size of the hoisting shaft is 12 x 14 feet; the depth to the coal is 187 feet at the No. 3 mine and 204 feet at the No. 4. At the latter mine, the air and escapement shaft is completed and connections have been made. Connections at the No. 3 mine will be made within a very short time. The equipments at these mines are as follows: No. 3 is equipped with a 24 x 36 inch hoisting engine, made by the Aetna Foundry and Machine Co., of Springfield, Illinois, having a steam reverse and a steam brake, also an automatic cut-off. The cages are of the Halbert Automatic self-dumping type, using one and three-eighths inch cable; the cars are of 9,000 pounds capacity, making a very complete hoisting outfit.

The engine room, boiler room and blacksmith shop are built of hollow block made by the Ayer-McAyerel Co., of Brazil, Indiana, the floors are of concrete and the roofs are granite. Both of these mines are equipped with the Sullivan straight line air compressors, driving punching machines of the Sullivan type for the driving of narrow work only. The No. 4 mine is equipped with a 24 x 36 inch hoisting engine, manufactured by the Danville Foundry and Machine Co., also a Halbert-Automatic self-dumping cage; this hoist will handle cars containing 9,000 pounds of coal at each lift. The boiler room is equipped with two 72 inch by 18 feet tubular boilers, with a working pressure of 150 pounds; the engine room, boiler room and blacksmith shop are of the same construction as at the No. 3 mine.

The Lincoln Coal Co. has repaired and installed the fan in the bottom of its mine, this is the fan used before the fire in this mine, December, 1903. It is expected that this will greatly improve the ventilation in the mine.

#### BUSINESS CHANGES.

The Kelleyville Coal Co., has disposed of its mines in Vermilion county to a company known as the Kelly Coal Co., which is now operating them, with the exception of mines Nos. 2 and three, which have not been working for three months. This change took place about the first of the year, 1905.

The Dering Coal Co. has purchased and is now operating the four mines formerly owned by the Westville Coal Co., Nos. 1 and 2, and are located in South Westville; No. 3 in Georgetown township and No. 4 in Catlin township, all in Vermilion county.

The Consumers' Coal Co., Chenoa, McLean county, has sold its mine at Chenoa, to the Illinois Coal Mining and Coke Co., of Chicago.

F. W. Davis has sold his mine at Muncie, Vermilion county, to the Atherton Coal Co., which in turn sold it to the Central Coal and Coke Co., of Chicago.

The Manufacturers' Fuel Co. has disposed of its Springside mine at Pana, Christian county, which was not operated last year, to the Smith-Lohr Co., also of Pana.

#### ENFORCEMENT OF THE MINING LAW.

During the year some six or seven miners in Vermilion county have been arrested and fined for violation of that part of the mining law relating to drilling and firing dead holes. While fortunately no serious consequences followed from these violations of the law, several of the men were burned and bruised slightly. These prosecutions have had a salutary effect as no more violations of the law have been observed.

June 8, 1905 through the States Attorney of Shelby county I made application for injunctions to restrain Widiek Brothers, Brophy Brothers, W. W. Turney, M. R. Williams, and Hickey & Kingston, from the further operation of their mines, until they provided escapement shafts as required by law. All of these operators had persistently disregarded my instructions as to escapement shafts. The injunctions were granted in all the cases except Hickey and Kingston; the judge deciding that, as this firm did not employ any miners, were not required to have an escapement shaft.