

Both shafts will be lined with concrete walls. They will be 586 feet deep. Coal at this location is 10 feet 8 inches thick. The mine is designed for 5,000 tons daily capacity.

The Saline County Coal Company, mine No. 4, now being sunk in Saline County, is located in Brushy Township, approximately 5 miles west of Harrisburg and will be one of the modern mines of Southern Illinois. It is designed for a daily production of 4,000 tons. The shafts will be 300 feet deep and seam No. 5 will be mined. The hoist shaft will be 12 feet 6 inches by 21 feet. The air shaft will have three compartments, airway, stairway and cageway. It will be 12 feet 6 inches by 26 feet 4 inches. These shafts will be of steel and concrete construction throughout.

The Dering Coal Company is sinking mine No. 2 in Saline County, 2½ miles northwest of Eldorado on the Illinois Central Railroad. Later connections will be made to the Big Four and the L. & N. Railroads. The mine is to be modern throughout and equipped to handle 4,000 tons daily. The hoist shaft is 11 feet 4 inches by 17 feet. The air shaft is 11 feet 4 inches by 18 feet. The coal seam is No. 5, 460 feet from the surface and is 5 feet 6 inches thick. The development is upon a permanent plan. Power and machinery installed for sinking are those to be used permanently.

The proposed Wasson Coal Company, No. 3, mine, will be located in Saline County, 1¼ miles west of Eldorado on the Illinois Central Railroad. Later connections will be made to the Big Four and L. & N. Railroads. The mine is to be equipped for 2,000 tons daily output. Both shafts will be 8 feet by 16 feet, 410 feet to the coal. The coal mined will be seam No. 5, which is 5 feet 6 inches thick at this locality.

The Heato Coal Company of Carriers Mills, Saline County, has completed the driving of a new slope. This is 135 feet long upon a 30 per cent incline. The tippie is 15 feet by 45 feet by 26 feet high with a dumping capacity of 500 tons. It is equipped with two railroad tracks. The incline is equipped with a double track and hoisting will be done by an electric motor. A concrete man-way will be added in the near future. Other installations are a 15 feet by 30 feet office and shop building, 20 mine cars, electric pump and fan to be operated by an electric motor. The railroad connection is the S. I. R. & P. Co. (Electric.)

#### IMPROVEMENTS.

The Benton Coal Company is sinking a new air shaft 3,500 feet west of their hoisting shaft. A home trade chute and screening elevator in the main shaft tippie has been installed. Other improvements are as follows: Ten chain breast mining machines with 7-foot cutter bars, two 10-ton locomotives, 150 3-ton mine cars, 800 feet 1,600,000 lead covered cable and 5,000 feet 800,000 lead covered cable.

The Sesser Coal Company has retimbered the air shaft, added three long-wall mining machines with 6-foot cutter bars to the underground equipment and built concrete blacksmith shop 30 feet by 40 feet, concrete machine shop 40 feet by 40 feet, and concrete repair shop, 30 feet by 40 feet.

The Chicago, Wilmington and Franklin Coal Co. has added a 400 horsepower water tubular boiler to the power plant; installed the material and man cage in the cage compartment of the air shaft and added a water softener for boiler feed; two storage tracks and a trestle 500 feet long and 7 feet high have been built near the mine and 15 25-ton air dump railroad cars and two clam shell cranes have been added for the storage of coal. The original 40-ton drum has been exchanged for a 20-ton drum in the engine room. A 16 feet by 32 feet brick powder house, 74 4- and 5-room miners' houses, 2 6-room officials' houses and an additional 24 feet by 36 feet extension to the wash house have been built. A second story containing five rooms has been built on to the mine office. The following additions have been made in the mine: Two 15-ton locomotives, 2 8-ton locomotives, 2 6½-foot cutter bar short-wall mining machines, 3 7½-foot cutter bar short-wall mining machines and 120 4-ton mine cars.