

both shafts are all built of steel; ample side-tracks and scales have been put in. The company owns an extensive royalty of coal lands with a suitable tract of surface land at each mine and has plans now under way for sinking No. 3 mine. These mines in the future will have a large output when properly opened out.

The Kortkamp Coal company, Hillsboro, has sunk a new shaft two miles east of Hillsboro, Montgomery county, on the line of the C. C. & St. L. railroad, also connecting with the Frisco line to Chicago. The shaft is 500 feet deep, 8x15 feet in the clear; the tower is built of wood covered with corrugated iron. The boiler and engine house is built of brick, with fire proof roofing; only one boiler is placed at present, others will be put in as required. The boiler now in place is 72 inches in diameter by 18 feet long, having 70 four-inch flues; the hoisting engines are built with first motion, double cylinder, each 24x36 inches. Coal has not been shipped from the mine, as the shaft is only sunk through the coal. The air shaft is not yet finished; shaking screens and dump cages have been installed. A town site has been laid out and 18 houses have already been built. The coal seam is No. 5 and is seven and one-half feet thick.

The Consolidated Coal Co. of St. Louis, Mo., has opened out a new coal mine one and one-half miles west of Staunton, Macoupin county. This mine will be known as No. 14; connected with the mine will be a spur switch from the Wabash railroad. The main or hoisting shaft is 8 feet 10 inches by 15 feet 6 inches in the clear, and is 284 feet deep; the air shaft is of the same size, with five feet taken from one end for a stairway and escapement. The tower frames are of wood, covered with galvanized iron. The boiler, compressor, dynamo and engine houses are built of brick with fire proof roofing; there are four boilers, each 72 inches in diameter and 18 feet long. Each boiler is rated at 163 horse power. The hoisting engines are double first motion, each cylinder 24 inches in diameter with 36 inches stroke. An Ingersoll-Sergeant compressor has been put in, steam cylinder 18x24 inches. Dump cages and shaker screens have been put in. A large washery has been built with a Smith box-car loader. The coal seam is No. 5 of the general section, and is seven feet thick. The underground works are laid out with a view of having a large output when the mine is fully developed.

#### IMPROVEMENTS.

The Springfield Coal Mining Co. has built a brick blacksmith shop and office at its No. 3 mine at Starns, and has put in a new hoisting engine, double cylinder, first motion 20x36 inches. At its No. 4 mine, Black Diamond, a new tower has been erected, also screens and outhouses; a new fan 20 feet in diameter has been put in to take the place of the one destroyed by fire Sept. 27, 1903. The company has also put in a first motion engine, double cylinder 20x36 inches; two new dump cages and shaker screens. New track scales have been put in at the No. 5 mine (Iles Junction), also two new track scales at the No. 2 shaft at Riverton.

The Williamsville Coal company, Selbytown, has put in dump cages and screens; retimbered a portion of the hoisting shaft, improved the tower, and built a new stairway in the escapement shaft.

The West End Coal Co., Springfield, has put in a first motion engine, double cylinder 20x36 inches, and relaid the mine tracks with 35-pound rails, with a view of putting in an electric haulage motor in the near future.

The Chicago-Virden Coal Co. has retimbered a portion of its No. 2 mine at Auburn; also rebuilt a portion of the tower of that mine.

The Virden Coal Co. has put in a tight partition in their air shaft, with suitable doors at the top and bottom of the shaft to keep ice from the stairway in winter.

The Wilmington and Springfield Coal Co., Springfield, has installed a 20-foot fan at its air shaft, located about one mile east of hoisting shaft. The fan is run by an electric motor, power being supplied from a generator located in the Springfield Iron Co.'s plant.

The Consolidated Coal Co. of St. Louis, Mo., has made several improvements at its No. 7 mine, at Staunton, Macoupin county. A new tower has been

erected, also a tipple-house built, with self-dumping cages and shaker screens; a new fan 22 feet in diameter has been put in. The mine tracks have been relaid with 30-pound rails. It is intended to introduce mechanical haulage. Two 150-horse power boilers have been installed.

At this company's No. 8 mine, Mount Olive, Macoupin county, a new tower has been built, also a tipple-house with shaker screens and dump cages; three new boilers, each 72 inches in diameter by 18 feet long, rated at 150-horse power, have been put in. The mine tracks have been relaid with 30-pound rails; a 150 K. W. generator has been installed with two ten-ton electric motors for mine haulage.

At the No. 10 mine, Mount Olive, five new boilers have been put in, each boiler is 72 inches in diameter by 18 feet long, rated at 150-horse power. A Sullivan air compressor has also been installed, a steam cylinder 24 inches in diameter, a high pressure cylinder 16½ inches in diameter, and a lower pressure cylinder 26 inches in diameter.

The Hillsboro Coal Co., Hillsboro, Montgomery county, has put in dump cages and shaking screens. The tower has also been improved.

The Manufacturers' Fuel Co., Nilwood, Macoupin county, has put in a new boiler.

#### CHANGES IN CORPORATE NAMES.

The coal mine at Ridgely, Sangamon county, formerly operated by the Republic Iron and Steel Co., has changed and is now known as the Wilmington & Springfield Coal Co.

The Weaver Coal & Coke Co., Nilwood, Macoupin county, has been changed to the Manufacturers Fuel Co.

The Raymond Coal Co., Montgomery county, has been changed to the Miller Coal Co.

#### PROSPECTIVE MINES.

The Consolidated Coal Co. of St. Louis, Mo., is sinking a new shaft two miles west of Mt. Olive, Macoupin county. This mine, when completed, will be known as No. 15. A spur will be run from the Wabash railroad to the mine.

The Cora Coal company is sinking a new mine near Cora station, Sangamon county, on the line of the C., P. & St. L. railroad, about eight miles north-west of Springfield.

Robert Solomon, one of the late owners of the Black Diamond coal mine, Springfield, is sinking a new shaft on the line of the C. & A. railroad, about two miles south of Auburn, Sangamon county.

#### FATAL ACCIDENTS.

The following is a detailed statement of the fatal accidents which have occurred in the district during the year ending June 30, 1904:

Aug. 7, 1903, Peter Bogards, miner, age 30 years, single, was burnt by an explosion of powder in the Chicago-Virden Coal company's mine No. 3, Chatham, Sangamon county. He died ten days afterward. He was making a cartridge, when his lamp fell into the keg of powder.

Aug. 8, 1903, Frank Powers, miner, aged 30 years, single, was injured by falling coal and clod at the working face of his room in the Victor Coal company's mine at Pawnee, Sangamon county. He died Sept. 26, 1903.

Aug. 10, 1903, Albert Goekel, carpenter, aged 38 years, married, was injured by falling from the roof of the boiler house, at the Consolidated Coal company's mine No. 6, Staunton, Macoupin county, dying the same day. He leaves a widow and five children.

Aug. 26, 1903, William Davis, miner, aged 35 years, single, was killed by falling rock while working in an air course in the Chicago-Virden Coal company's mine at Chatham, Sangamon county.

Aug. 26, 1903, Steve Bolki, miner, aged 26 years, single, was injured by falling rock in the Chicago-Virden Coal company's mine at Chatham, Sangamon county; he died 14 days after the accident. His partner, Wm. Davis, was working with him at the time of the accident.