

FOURTH INSPECTION DISTRICT—1903.

TWENTIETH ANNUAL REPORT.

Counties—Christian, Logan, Macon, McLean, Shelby, Vermilion, Woodford.

THOMAS WEEKS, *Inspector*, Bloomington.

HON. DAVID ROSS, *Secretary*,

State Bureau of Labor Statistics, Springfield, Illinois.

SIR—In compliance with section 12 of the mining law, defining the duties of the State Inspectors of mines, I have the honor to submit the twentieth annual report of the coal mines of the Fourth Inspection district. This report gives the number of mines operated in each county during the year; the new and abandoned mines; the depth of the coal below the surface; the thickness of the seams, and the geological number; the nature of the opening, shaft, slope or drift; the power used, steam, horse or hand; the system of haulage; the number of hand or machine mines; the number of shipping or local mines; the total tonnage of all grades produced; the average value per ton of the different grades at the mine, and the aggregate value of the product; the number of employes above and below ground; the number of tons shipped on cars, supplied to locomotives, sold to the local trade, and consumed or wasted at the mines; the tons mined by hand and machine, and the prices paid per ton for mining; the number of fatal, and non-fatal accidents, and the number of widows and orphans of those killed.

The following is a summary of the facts contained in the report:

Number of counties producing coal.....	7
Number of mines.....	87
Number of new mines.....	18
Number of abandoned mines.....	15
Number of shipping mines.....	45
Number of local mines.....	42
Total tons of coal produced in the district.....	4,772,284
Tons of mine run.....	3,033,400
Tons of lump coal.....	1,180,829
Tons of egg coal.....	328,368
Tons of nut coal.....	135,309
Tons of pea or screenings.....	248,150
Tons of slack or waste.....	140,228
Aggregate value of total product.....	\$5,052,715
Total number of all employes.....	6,771
Number of miners.....	4,565
Others underground.....	1,321
Boys underground.....	194
All above ground.....	691
Tons shipped on cars.....	3,960,498
Tons supplied to locomotives.....	192,159

Tons sold to local trade.....	469,576
Tons consumed and wasted at mines.....	150,051
Average number of days of active operation, shipping mines.....	210
Tons mined by hand.....	4,658,864
Tons mined by machine.....	113,420
Number of kegs of powder used for blasting coal.....	114,002
Number of kegs of powder used for other purposes.....	336
Number of fatal accidents.....	80
Number of non-fatal accidents.....	73
Number of widows.....	17
Number of children orphaned.....	52
Number of tons coal mined to each fatal accident.....	159,076
Number of tons coal mined to each non-fatal accident.....	65,374
Number of mines using machines.....	3
Number of machines.....	8
Number operated by electricity.....	6
Number operated by steam.....	2
Number of steam boilers.....	158
Number of horizontal boilers.....	149
Number of upright boilers.....	9

NEW MINES.

The Kellyville Coal company has sunk and equipped a new shaft which will be known as No. 5. It is located about three miles northeast of Westville, Vermilion county.

After two unsuccessful attempts and the expenditure of a large sum of money, the Manufacturers & Consumers Coal company of Decatur, has completed the sinking of a shaft, situated on the Illinois Central railroad, about one mile north of the Sangamon river, in Macon county. The shaft is perfectly straight, 600 feet deep, and well timbered; the coal seam is number five and is four feet thick. The company is opening the mine, room and pillar, and contemplate putting in mining machines. The fan is in position and the work of completing the tower, engine house, and boiler room is being pushed as rapidly as possible. The intention of the management is to make this a model mine.

The Electric Coal company of Danville, has sunk a new mine, which is now in course of development; it is about 100 feet deep to the No. 7 or what is called the Danville seam; the tower is finished, also the engine house, and boiler room; the engines and other machinery are also in place. The escape and air shafts are completed and the fan for ventilation is in position. Everything about this mine, in the way of equipment, is first class and up to date. The mine is located on the Big Four railroad, four miles west of Danville, Vermilion county.

The Tower Hill Coal Mining company has just finished sinking a shaft at Tower Hill, Shelby county. The seam reached is number five and is 8½ feet thick, at a depth of 802 feet.

PROSPECTIVE MINES.

The Westville Coal company is sinking a shaft about one mile north of its present mine in South Westville, Vermilion county.

E. S. Gray of Danville, is sinking a new shaft about six miles west of Danville, Vermilion county, on the Big Four railroad.

The Blue Mound Coal company is sinking a shaft at Blue Mound, Macon county, on the Wabash railroad about ten miles southeast of Decatur. These are all to be operated as shipping mines. There are a number of new