

## TENTH INSPECTION DISTRICT—1912.

## ANNUAL REPORT.

Counties—Jackson, Jefferson, Perry, Randolph, Washington.

THOMAS LITTLE, *Inspector*, Murphysboro.*Hon. Martin Bolt, Chief Clerk, State Mining Board, Springfield:*

SIR—Complying with section 5 of the general mining law of Illinois, I submit herewith the annual report of the coal producing counties of Jackson, Jefferson, Perry, Randolph, and Washington.

## SUMMARY OF THE ITEMS SHOWN IN THE REPORT.

Number of counties producing coal	5
Number of shipping mines	40
Number of local mines	25
Number of new or reopened mines	12
Number of closed or abandoned mines	14
Number of miners	2,555
Others underground, men	2,061
Boys underground	96
Boys above ground	2
Others above ground	490
Total number of employees	5,204
Total tons of coal produced	3,091,428
Days of active operation, all mines	141
Kegs of powder used for blasting coal	67,801
Tons of coal shipped	2,712,107
Tons supplied to locomotives	105,410
Tons sold to local trade	147,590
Tons consumed and wasted at the mines	126,321
Number of fatal accidents	6
Number of non-fatal accidents	21
Number of employees to each fatal accident	867
Number of employees to each non-fatal accident	248
Tons of coal produced to each fatal accident	515,238
Tons of coal produced to each non-fatal accident	147,211
Ratio of fatal accidents per 1,000 employees	1.15

The output of the mines is shown by counties for the years ended June 30, 1911 and 1912, with the increase or decrease, in the following table:

Counties.	Total output—tons.		Increase.	Decrease.
	1911.	1912.		
Jackson	648,551	724,374	75,823	
Jefferson	10,732	8,038		2,694
Perry	1,451,080	1,406,317		44,763
Randolph	1,005,447	762,816		242,631
Washington	20,387	189,883	169,496	
Total	3,136,197	3,091,428	245,319	290,088
Net decrease				44,769

## NEW AND ABANDONED MINES.

Four shipping and eight local mines are classed as new mines, while five shipping and nine locals have been abandoned, or closed down during the year.

## CHANGE OF NAME.

The Chicago and Carbondale Coal Company, DeSoto, Jackson County, is now operated by the J. B. Kreikemeier Coal Company.

The Jefferson County Coal Co., Mt. Vernon, has changed to the Mt. Vernon Coal Company.

## IMPROVEMENTS.

The Mt. Vernon Coal Co., Mt. Vernon, Jefferson County, has bought the mine formerly operated by the Jefferson County Coal Co., and is now making improvements as follows:

Three new boilers, 46 inches by 18 feet long, made by John Mohr & Son; hoisting engines 18 inches by 30 inches; a steel tippel made by the Illinois Steel Company; a shaker, constructed by the same people, having a perforated section of 176 square feet, and is in two sections, making entire perforated surface of 352 square feet; a smoke stack, made of ¼-inch iron, is 5 feet in diameter and 100 feet high, and constructed on a concrete foundation 7 by 7 by 8 feet; a fan, Crawford & McCrimmon make, 12 feet in diameter, with forty-eight blades, and propelled by a Crawford & McCrimmon engine, 8 inches by 10 inches. The buildings are to be constructed of brick, which are already on the ground. The boiler room is 48 by 42 feet and has 16-inch walls. The intention is to open the mine on the panel system with electric machines and electric haulage.

The Nicholson Coal Company, Nashville, Washington County, has retimbered the escapement shaft and put in a new 16-foot fan, made by the Stephens Manufacturing Company, and made needed improvements around the main shaft. The company has bought one hundred acres of coal land, which will increase the output of the mine.

The Moffatt Coal Company, Sparta, Randolph County, has retimbered the main shaft and made it larger, so that larger cars can be put in, thereby increasing the capacity of the mine. The company has installed a pair of first motion engines, 18 inch by 36 inch, made by the Crawford & McCrimmon Manufacturing Company.

The Bald Eagle Coal Company, Winkle, Perry County, has installed two new boilers 72 inch by 20 foot with seventy 4-inch flues, made by the John Rohan & Son's Boiler Works of St. Louis. They are to give 125 H. P. each.

## FATAL ACCIDENTS.

The following is a detailed statement of the fatal accidents that have occurred in this inspection district during the year ended June 30, 1912:

September 15, 1911, Abe Goaly, driver, aged 24 years, married, employed in the Missouri & Illinois Coal Company's mine No. 4, Willisville, Perry County, was killed. Deceased was coupling cars, with his head between the cars, and while so doing, another driver came in from behind, bumping the cars together, catching his head between them. He leaves a widow and one child.

September 26, 1911, Arthur Phillips, driver, aged 28 years, married, employed by the Muddy Valley Mining and Mfg. Co., Hallidayboro, Jackson County, was riding on front end of the car, when his foot slipped off the bumper, causing him to be caught between the rib and car. He was injured internally and died the same day. He leaves a widow and one child.

November 21, 1911, Peter Kleigsmite, miner, aged 44 years, married, employed in the Brilliant Coal & Coke Company's mine, Duquoin, Perry County, was killed by falling slate. Deceased had a prop under a piece of slate, which was 5½ by 4 feet 5 inches thick. He was wedging down top