

NINTH INSPECTION DISTRICT—1912.

ANNUAL REPORT.

County—St. Clair.

WALTON RUTLEDGE, *Inspector*, Alton.*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 county of St. Clair.

SUMMARY OF THE ITEMS SHOWN IN THE REPORT.

Number of counties producing coal.....	1
Number of shipping mines.....	58
Number of local mines.....	17
Number of new or reopened mines.....	4
Number of closed or abandoned mines.....	1
Number of miners.....	2,605
Others underground, men.....	2,637
Boys underground.....	87
Boys above ground.....	6
Others above ground.....	521
Total number of employees.....	5,856
Total tons of coal produced.....	4,516,548
Days of active operation, all mines.....	132
Kegs of powder used for blasting coal.....	100,943
Tons of coal shipped.....	3,966,571
Tons supplied to locomotives.....	132,368
Tons sold to local trade.....	203,331
Tons consumed and wasted at the mines.....	214,278
Number of fatal accidents.....	13
Number of non-fatal accidents.....	53
Number of employees to each fatal accident.....	450
Number of employees to each non-fatal accident.....	110
Tons of coal produced to each fatal accident.....	347,427
Tons of coal produced to each non-fatal accident.....	85,218
Ratio of fatal accidents per 1,000 employees.....	2.22

The coal production for the district is shown for the years 1911 and 1912 in the following table:

Counties.	Total output—tons.		Increase.	Decrease.
	1911.	1912.		
St. Clair.....	5,274,006	4,516,547		757,458

The district shows a decrease of 757,458 tons for the year 1912. This decrease is due to the suspension of the mines from April 1, 1912, to June 1, 1912, the average working days for the shipping mines being only 130 days.

NEW MINES.

Three new mines have been put in operation during the year, viz:
 The New National Coal and Mining Company, located on a branch of the Illinois Central Railroad, two miles south of Belleville.
 The Eldnar Coal and Mining Company, located on the Louisville and Nashville R. R., O'Fallon Branch, three miles north of Belleville.
 The Golden Rule Coal Co., located on the Illinois Central R. R., one mile northwest of Lenzburg.

PROSPECTIVE MINE.

A new mine is being sunk at Edgemont by Thomas R. Mould. It will be a local mine.

ABANDONED MINE REOPENED.

The shipping mine known as the Harmony mine, located on the Southern and E. St. Louis and Electric Railroads, which was abandoned on account of fire in the mine, has been reopened and will be known as the Maul Coal and Mining Company's mine.

ABANDONED MINE.

The Borders Coal Co., of Marissa, has abandoned its No. 2 mine.

CHANGE OF NAME.

The Advance and Oak Ridge mines at Marissa, which were reported last year as the Bessemer Washed Coal Co., will be known as the Egyptian Coal and Mining Company. The Tirre mine at Lenzburg, which was reported last year as the Bessemer Washed Coal Co., will be known as the Tirre Coal Company.

The mine known as the Wm. Lattman mine, near Belleville, will be known from this time as the Belleville Colliery Company.

The local mine at Marissa, known as the O. W. Schumacher and Son, will be known from this time as McGough Bros. and Stone.

Henry Hoffman mine at Freeburg, is now operated by Charles Anna.

FIRE AT MINE.

July 1, 1911, the engine and boiler house and tippie of the Wilharmel Coal and Mining Company's mine, at Swansea, were burned down. They have been rebuilt and made fireproof, and mining was resumed November, 1911.

IMPROVEMENTS.

The Superior Coal Company has installed first motion engines, 18 inches by 36 inches, with cone drum, manufactured by Crawford and McCrimmon of Brazil, Indiana; improved the tippie, and put in gasoline motor and new dump cages.

The John Groome Coal Company has made the top of the air shaft and fan casing fireproof, also installed fire-protection for outside buildings.

The Missouri and Illinois Coal Company has made the top of air shaft, and fan casing, fireproof, and installed pump, pipes and hose for protecting outside buildings at Wilderman mine, and retimbered the air shaft at the St. Clair mine.

The Mulberry Hill Coal Company has installed a 100 K. W. generator, and chain breast coal cutting machine, also made the fan casing fireproof.

The Avery Coal Company, at the Randle mine, has removed the fan back from the top of the air shaft and made both fan and top of air shaft fireproof; also installed fire protection for outside buildings.

The Sunlight Coal Company has retimbered a portion of both main and air shafts.