

EIGHTH INSPECTION DISTRICT—1911.

SIXTH ANNUAL REPORT.

Counties—Randolph and St. Clair.

WALTON RUTLEDGE, *Inspector*, Alton.*Hon. Martin Bolt, Chief Clerk, State Mining Board, Springfield:*

SIR—In compliance with section 5, of the General Mining Law, which went into effect July 1, 1911, I have the honor, herewith, to submit the sixth annual report of the eighth district. The counties comprising this district are Randolph and St. Clair.

The following summary gives the main features set forth in the county tables, for the fiscal year ended June 30, 1911:

Number of mines	86
Shipping mines	65
Local mines	21
Number of employes below ground, men.....	6,508
Number of employes above ground	517
Number of boys employed under ground.....	49
Total number of employes	7,074
Total tons of coal produced.....	6,279,453
Number of tons shipped on railroads.....	5,724,106
Number of tons supplied to locomotives	113,414
Number of tons sold to local trade.....	238,760
Number of tons consumed at the mine.....	203,173
Aggregate value total product	\$5,837,458
Number of days worked, average.....	184
Number of tons mined by machines	2,305,207
Mining price for machine mining	\$0.51
Number of tons mined by hand.....	3,974,246
Mining price for hand mining	\$0.582
Number of kegs of powder used.....	165,847
Number of mining machines in use.....	184
Number of electric motors used under ground.....	22
Number of gasoline motors used under ground.....	4
Number of fatal accidents.....	17
Number of non-fatal accidents	69
Tons of coal mined to each fatal accident.....	369,380
Tons of coal mined to each non-fatal accident.....	91,006

THE OUTPUT.

The following comparative statement shows the total output of the counties for the year 1910 and 1911 with the increase or decrease in tonnage:

Counties.	Total Output in Tons.		Increase.
	1910.	1911.	
Randolph.....	846,969	1,005,447	158,478
St. Clair.....	4,184,555	5,274,006	1,089,451
Total.....	5,031,524	6,279,453	1,247,929

The output shows a gain of 1,247,929 tons over last year. The shipping mines in St. Clair county worked on an average 175 days during the year. With these fifty-five mines, if they could be operated five days a week, St. Clair county could furnish the world 8,000,000 tons of coal per year. Since January 1, 1911, the mines in St. Clair county have worked only one and two days a week and a number have been closed down. The mines in Randolph county, on the Mobile and Ohio Railroad, at Sparta and Percy, have worked much better than the mines in St. Clair county, as the coal from these mines is shipped largely on the Illinois Southern Railroad, to points in Southeast Missouri. The Illinois Southern and the Mobile and Ohio railroads have spurs running to all the mines at Sparta.

NEW MINES.

Two mines in local trade only have been opened this year; also the mine formerly known as the Western Coal and Mining Company's mine, located on the Baltimore & Ohio Southwestern railroad, three miles southeast of Caseyville, St. Clair county, and abandoned several years ago, has been re-opened by Frank Sargent. A new tippie covered with corrugated iron has been erected, a new boiler plant and double first-motion engines, made by the Litchfield Car and Machinery Company, have been installed.

PROSPECTIVE MINE.

A new mine is being sunk near Lenzburg, St. Clair county, on the Illinois Central railroad by a company of miners under the corporate name of the Golden Rule Company.

Joe Randel and W. Miller are engaged in sinking a mine on the Louisville and Nashville railroad, three miles north of Belleville, St. Clair county.

ABANDONED MINES.

The Consolidated Coal Company has abandoned its Green Mount mine near Belleville.

The local mine operated by Frank Sargent, near Belleville, has been abandoned.

The mine operated by the Harmony Coal Company, near Belleville, St. Clair county, has been abandoned during the year.

FIRE AT MINE.

The engine and boiler house at the Southern Coal and Mining Company's No. 8 mine, Shiloh, St. Clair county, was destroyed by fire, on the night of November 24, 1910, and in six weeks the machinery was repaired and a new boiler and engine house put up, and operations commenced again at the mine.