

THIRD DISTRICT---1891.

MR. JOHN S. LORD,

Secretary of the State Bureau of Labor Statistics, Springfield, Ill.

SIR: In compliance with the requirements of section twelve of the mining laws of this State, I herewith submit to you the eighth annual report for the Third Inspection District:

This report contains a brief statement of the following subjects, *viz.*: New openings; tabular statement of each county, showing the output for each compared with the preceding year, also a recapitulation of the statistics of the district; labor difficulties; report of fire-damp explosions, and a report of the fatal and non-fatal accidents for the year.

New Openings: Vermillion County.—One of the most important new openings is that of M. Kelly & Co., Westville. This company has bought six hundred acres of coal land, located one mile west of their No. 1 mine. They have sunk a shaft near the center of this coal-field, striking the Grape Creek coal seam, six and one-half feet in thickness, at a depth of 180 feet. The hoisting equipment and plant are fair; they also have an escapement and air shaft which was sunk and equipped inside of four months after the completion of the main hoisting shaft; they have also erected a 15 ft. diameter ventilating fan on top of this shaft, which is well fitted up.

C. M. Swallow operated a model local mine at Glenburn, which is situated one and one-half miles north of Oakwood. Within the past year he formed it into the Glenburn Coal Co., which built a railroad from Oakwood to the mine; enlarged the area of the hoisting shaft, also increased the capacity of the pit-cars, etc. This change was completed in May of this year. The company is hoisting and shipping about sixteen cars per day, and operating between sixty to seventy men. The main trade of this mine is with the Cleveland, Cincinnati, Chicago & St. Louis Railway. The coal is loaded mine-run.

France Bros. operated a gin-shaft on the C., C., C. & St. L. Railway, one and one-half miles east of Oakwood; within the past year they have taken in some partners, forming the Middle Fork Coal Co. They have changed the hoisting power to steam, putting in a neat pair of hoisting engines and one new steam boiler; other changes have been made on the tower, etc. To meet