

SIXTH INSPECTION DISTRICT—1919.

COUNTIES—GREENE, JERSEY, MACOUPIN, AND MONTGOMERY.
JOHN G. MILLHOUSE, *Inspector.*

Hon. Joseph C. Thompson, Director, Department of Mines and Minerals, Springfield.

SIR: I have the honor to submit to you the annual report of this, the Sixth District, comprising the coal producing counties of Greene, Jersey, Macoupin and Montgomery.

SUMMARY OF THE ITEMS IN THE REPORT.

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| Number of counties producing coal..... | 4 |
| Number of shipping mines..... | 26 |
| Number of local mines..... | 6 |
| Number of employees underground..... | 9,392 |
| Number of boys underground..... | 587 |
| Number of employees outside the mine..... | 948 |
| Number of boys outside the mine..... | 54 |
| Total number of employees..... | 10,340 |
| Total tons of coal produced..... | 9,077,824 |
| Days of active operation, shipping mines..... | 183 |
| Days of active operation, local mines..... | 207 |
| Days of active operation, all mines..... | 187 |
| Kegs of powder used for blasting coal..... | 95,830 |
| Number of fatal accidents..... | 20 |
| Number of nonfatal accidents..... | 148 |
| Number of employees to each fatal accident..... | 517 |
| Number of employees to each nonfatal accident..... | 70 |
| Tons of coal produced to each fatal accident..... | 453,891 |
| Tons of coal produced to each nonfatal accident..... | 61,336 |
| Ratio of fatal accidents per 1,000 employees..... | 1.93 |

NEW MINE.

The Carlinville Mining Company is located just south of Carlinville on the Illinois Traction System. A strictly modern reinforced concrete shaft 7 feet 6 inches by 15 feet 8 inches with hoisting compartments 6 feet by 7 feet 6 inches each and a quarter shaft 3 feet by 7 feet 6 inches was sunk in 1918 to a depth of 250 feet and is working the number six vein seam. Thickness of seam ranges from 6 feet 6 inches to 7 feet with good working conditions and a dry shaft. Two ton cars equipped with best of roller bearings will be used and the hoisting is done with steam. A modern steel tippie is to be erected in the autumn of 1919 and the mine equipped to produce 2,500 tons daily. Buildings on surface are of hollow clay building tile and the boiler room, in addition to housing the boiler and engine, contains the air compressor for operating the puncher machines, which are installed for development work.