

The mine has been developed on the panel system, the main entries being driven north and south with cross entries east and west and rooms are all driven east and west from north and south stub entries. All coal is mined with machines and while some mules are used for gathering, most of the hauling is done by four 6-ton gathering locomotives, all of which deliver loads to shaft bottom, and four separate roadways are maintained for empty trips to get away. The coal averages ten feet in thickness and two feet is left for roof protection in entries and rooms, but recovered in the rooms on retreat together with the pillars.

The Big Muddy Fuel Company, N. V. Johnston City, has installed one new fan, twenty new pit cars and two new cages.

Federal Coal Company's mine No. 25, known as Burr C, at Carterville, has installed electric haulage, one 200 kilowatt motor generator set, four electric pumps, an electric lighting system, made run-a-round on bottom to switch empty coal cars, renewed all buildings with corrugated iron, bought 100 new 3-ton pit cars, painted all top buildings, retimbered mine at bottom of shaft, put in new rails and retimbered old tracks on bottom, and made a general overhauling of all top and bottom works.

#### FATAL ACCIDENTS.

July 25, 1916, Mike Kashu, miner, age 46 years, single, was killed by falling slate while pulling pillars, in Searls Coal Company's mine, Johnston City, Williamson County.

August 28, 1916, Robert Meadows, carpenter, age 38 years, married, was killed by the bursting of a compressed air pipe in Big Muddy Coal and Iron Company's No. 8 mine, Clifford, Williamson County. He leaves a widow and one child.

September 30, 1916, Pasquala Reggio, miner, age 38 years, married, was killed in Johnston City Coal Company's mine, Johnston City, Williamson County, by being caught between motor and coal rib. He leaves a widow and three children.

October 8, 1916, George Benedict, driver, age 26 years, married, employed in Taylor Mining Company's mine, No. 1, Herrin, Williamson County, was caught between two loaded pit cars which he was trying to couple, and killed. He leaves a widow and two children.

October 20, 1916, Otto Woodard, top boss, age 27 years, married, was killed by being caught between a car and the cage while trying to put the car on the cage from the hopper at the mine of the Johnston City Coal Company, Johnston City, Williamson County. He leaves a widow and four children.

November 2, 1916, William Keller, miner, age 44 years, married, was struck by a runaway car and killed in Chicago, Big Muddy Coal and Coke Company's mine, Marion, Williamson County. He leaves a widow and one child.

November 23, 1916, George W. Davis, trip rider, age 27 years, married, was killed by being run over by pit cars in Johnston City Coal Company's mine, Johnston City, Williamson County. He leaves a widow and two children.

December 8, 1916, Cipole Karus, laborer, age 39 years, married, Floyd Adamson, laborer, age 23 years, married, and Samuel Long, laborer, age 34 years, married, were killed by being overcome by fumes and smoke from a fire in the mine of Johnston City Coal Company, Johnston City, Williamson County. Karns leaves a widow and five children, Adamson a widow and one child and Long a widow and two children.

December 20, 1916, Otto Holestein, driver, age 20 years, single, was run over and killed by a pit car in the mine of Searls Coal Company, Johnston City, Williamson County.

December 28, 1916, Leo Murphy, driver, age 20 years, single, was killed in Pond Creek Coal Company's mine, Herrin, Williamson County, by being caught between a car and the coal rib while trying to get on the car.