

6'x17', equal to 112 square feet. We are, also, driving a rock tunnel from one split to the other in the Clark vein, 330' long.

**Providence shaft.**—Finished new slope 300' long; sectional area 6'x10', equal to 60 square feet on a dip of 1' in 5'.

*Richmond colliery No. 3.*—Commenced sinking shaft in October, 1888, through quicksand. Reached rock at a depth of 93'. Shaft opening 12'x24', when finished will be 11'x21'. Expect to mine Diamond, G and all the veins below, on the Pulaski Carter estate. Intend to build breaker with a capacity for preparing for market 1,000 tons of coal per day. Have boiler house built with six (6) cylinder boilers 40'x34" in diameter. Also, set in place one locomotive boiler rated at 100 horse-power. Have nine pumps in position, but are not all in use at the same time.

*Rushbrook shaft.*—Are driving both sides of shaft, testing the coal. Finished second opening shaft.

*S. V. White tunnel.*—Constructed one new plane 800' long.

*Simpson colliery.*—Built one mile of railroad track for mine locomotive between breaker and coal slope. Finished building a new side on breaker. Drilled an 8" bore-hole from surface to bottom of Carbondale vein, in basin which is now being used to pump water through to surface. Are erecting a nest of three new boilers; also, sinking a new slope on dip of vein, which is now down 1,500'. Expect to reach basin in 550' more. Sectional area of slope 7'x14', equal to 98 square feet. The dip is on an angle of 6°.