

## HAZZARD &amp; EMORY'S MINE.

This is an old mine, which has been very poorly managed, the works being very irregular and wanting in system, which renders it very difficult to conduct the air properly to the working places.

There are about 50 men employed, the total amount of air being only 2,310 cubic feet.

Charles Emory, Superintendent.

## ENTERPRISE COAL MINING CO.

This is another company of miners who have leased an old mine of Hazzard & Emory, in which they are doing a small business, working old pillars and remnant coal.

## THE BRANDENBERGER MINE.

This mine employs a force of about 50 men, and is ventilated by a furnace which gave a current of 3,080 cubic feet, but has since been greatly improved.

Mr. Brandenberger was one of the first operators to put scales on the dump for weighing coal in compliance with the law. The arrangement with the miners was that he should pay a quarter of a cent less per bushel for unscreened coal weighed at the top, or a quarter of a cent more for coal as weighed after screening on the track scale. This agreement was subsequently adopted at the mines in that neighborhood.

## REEBS' MINE.

This was a small place, employing about 10 men, the coal being raised by horse-power. The owner was fined for violation of the mining laws, and the place has since been closed.

## THE MAIN GUY MINE.

This mine is operated by Mr. John Maule. It has no shipping facilities, but its product is delivered direct to the adjoining nail mill of Messrs Waugh & Co., the surplus being sold to teams. About 25 men are employed, for whom there is a current of 12,342 cubic feet of air maintained. It is doubtful if this property will fulfill the expectations of its owners, owing to the difficulty of holding the roof, and the probable limited amount of coal.

## HEINRICH COAL CO.

About 40 persons are employed in this mine at Heinrichtown, and at first the current of air measured only 2,718 cubic feet. Since then a fan has been put in increasing the volume, and the escapement shaft has been made available by the construction of ladders. The company owns 100 acres of land, and on it houses for their workmen. To each family, grazing is furnished for one cow free of charge.

## THE REICHAERT MINE, FREEBURG.

This property is worked under a lease by Charles Beiker & Co., who employ about ten miners, for whom a volume of 9,790 cubic feet of air is furnished by a furnace. In this case as in many others I have induced the operators to introduce a fan in place of furnace in order to enable them to place ladders in the air shaft and make it available for purposes of escape for the men in case of emergency.

## FREEBURG COAL CO.

Fourteen miners and the necessary auxilliary force are employed in this mine, which is ventilated by furnace. The furnace in this case also is to be superseded by a fan and the air shaft utilized for escapement purposes.

## THE RICHLAND MINE.

This is located at Wilderman Station, and is operated by the Dutch Hollow Co., which is a co-operative company of miners. There are 12 of them and they have 4 mining machines, two of Harrison's and two of Yock's patent. Only one of them was being used at the time of my inspection. There was plenty of air, but they have determined to substitute fan for furnace.

## BRANDENBERGER'S MINE.

This is also at Wilderman Station. On my first visit they were using two machines of Mr. Brandenberger's invention; subsequently I found them both discarded. They were very heavy and were designed to be worked with steam. About 30 men are usually at work underground, and the amount of air was increased, after my first visit, from 3,150 to 5,404 cubic feet by cleaning up and shortening the air ways. At this place the furnace is on the surface. There is also an escapement shaft in good condition, equipped with ladders and substantial landings at the head of each.

## DEUZENBURGH'S MINE.

Hanke, Miller & Co. operate these works, employing about 35 people inside. They have chutes for coaling locomotives, which trade is shared with them by the White Oaks Co. The main entries are single, and the cross entries double. They ventilate with a furnace which is large and well built. The air shaft is partitioned off and furnished with ladders for the use of the men.

William Miller, Superintendent.

## THE MARISSA COAL CO.

This is a double-entry mine, in which 30 men find employment. The furnace at this place was stopped, and an escapement shaft begun.