

## THE RETNECKE MINE No. 2.

This property is located contiguous to the Belleville Nail Mill, and supplies that establishment with coal, which is delivered direct from the mine in pit cars to the mill. The miners at this place put a check-weighman at the top to inspect the weighing of the coal, and the proprietor thereupon removed his weighmaster, leaving the whole matter in the hands of the representative of the men.

Twenty-five men were employed underground at the time of inspection. A good volume of air was passing in the main entries, but still it was deficient in some of the rooms, and the attention of the pit-boss was called to it, with instructions to correct the evil.

## YOCK BROS. MINE.

This is a single-entry mine, with entries 30 feet wide. It is connected with a foundry and machine shop owned by the same parties, who are the patentees and manufacturers of the Yock mining machines. The mine is worked with these machines, and gives employment to 65 men underground. All men are paid by the day. The blaster and loader work together, and receive \$4.40 for 24 boxes of coal, which is considered a day's work. The boxes contain 22 bushels. The air-ways are  $10\frac{1}{2} \times 5\frac{1}{2}$  feet, and the volume of air passing measured 7,623 cubic feet per minute.

## HAZZARD &amp; EMORY, BELLEVILLE.

This is also a single-entry mine, employing 15 miners. At the time of my visit the air was being turned so as to thaw the ice out of the hoisting shaft, and since then I have had no opportunity to give it a personal inspection. Miners report good air and a good escapement. Mr. Emory, Sup't, looks after this place, and also the mines of the same parties on the Cairo Short-line.

## A. OGDEN &amp; SON, RENTCHLER.

These parties are operating a small single-entry mine, employing about 20 men. They ventilate with a furnace, and had an abundance of air. One or the other of the firm runs the engine. I have not been able to visit any of the mines on this road more than once.

## RENTCHLER COAL CO.

This company employs about 10 miners, and shows a good volume of air in the workings. The coal is weighed at the bottom by the cager before it is hoisted, and the engineer dumps it and trims the cars. This company has only been in operation since last December.

## WILLIAM CRAWSON &amp; SONS, RENTCHLER.

These parties employ about 20 men, and are spoken well of by them. The volume of air is somewhat more than 100 cubic feet to the man. The scales at this place are also at the bottom of the