

## COLLIERIES IN MORGAN COUNTY.

## APPLE CREEK COAL Co.

This is a new shaft, located within the corporate limits of the village of Franklin, Morgan county, on the Jacksonville and South-eastern Railroad. The shaft is 202 feet deep, and the coal seam  $4\frac{1}{2}$  feet in thickness. The company sunk 138 feet below the present seam. A drill hole had previously been sunk and a 6-foot seam reported, but upon reaching this level with the shaft the coal was found to be only  $2\frac{1}{2}$  feet thick. The works are opened up with double entries and are in good shape; an 8-foot Brazil fan has been put in to secure good ventilation. The company is at present sinking an escapement shaft. When finished the fan will be located there. The coal is hoisted by twin first motion engines Litchfield make, with all the latest appliances; disk indicator connected by worm gearing, and relief valve. Two cylinder boilers are used for steam, each  $42 \times 22$ ; the hoisting drum is 5 feet in diameter, ropes  $1\frac{1}{8}$  inch, head sheaves 5 feet. Fan engine, is  $6 \times 12$ , geared direct to the fan shaft. The air is split at the bottom of the downcast with a capacity of 8,000 cubic feet in each split.

Barnard Gavin, Manager.

## FARMERS' COAL Co.

This is a new shaft, located within the corporated limits of Neelyville, on the Wabash, St. Louis and Pacific Railroad. It is a co-operative company, consisting of John Murray, Edward Holt, Neil Donald, John Quigley, Laffette Weinesberg, F. H. Donald, Car-nipple and Seeman. The shaft is 50 feet deep, and the coal seam  $2\frac{1}{2}$  feet thick, No. 1 coal. The entries are opened up 20 feet wide, with a six-foot wall in the centre, built of slate, making it virtually double entries. The mine is ventilated by a furnace on top. The coal is hoisted by a single engine  $10 \times 20$ , second motion; one boiler  $24 \times 36$ ; hoisting rope 1 inch. They have a royalty of about 170 acres. The company is at present sinking an escapement shaft. At my first visit the shaft was in a deplorable condition, but is now in good order. Gates have been put around the shaft, covers on the cages, and new ropes.

John Murray, Mine Manager.

## COLLIERY IN SCOTT COUNTY.

## WM. H. BATES &amp; Co.

This shaft is located one mile north of Winchester, on the Chicago, Burlington and Quincy Railroad. There have been some improvements made in this mine during the year. Iron track has been put in all the entries. Formerly the miners themselves pushed the coal to the shaft; now laborers are employed to do it. The entries are extended for a distance of 1,800 feet. The underground works are in very good order, and the ventilation good. This is a very