

the purpose of draining all of the collieries above No. 1 shaft in the Dunmore district.

This tunnel when completed will be about 7,000 feet in length.

The dimensions are as follows:

First 1,200 feet to be 8x6 feet.

The next 5,000 feet to be 15x7 feet.

The last 800 feet to be 8x6 feet.

The tunnel to be driven with a uniform grade of 4 inches in each and every 100 feet.

By the Price-Pancoast Coal Company

Pancoast Shaft.—Erection of two new brick supply houses, one 20x30 feet and the other 20x40 feet.

The old 20 foot ventilating fan has been repaired and put in fit condition to ventilate the Dunmore vein.

In No. 1 or Diamond vein a new gravity plane has been constructed 700 feet in length.

In No. 3 vein, two new gravity planes, and in No. 4 vein two new gravity planes have been constructed. The West slope has been extended for a distance of 700 feet to line near Lackawanna river.

The Dunmore vein has been opened and a slope driven on the north dip 1,000 feet. A hoisting engine has been put in here, capable of hoisting 200 cars per day. A slope on West side is being driven, present length 400 feet, with gangways driven east and southeast. Seven splits of air have been made with two more under way. A new barn has been made in this vein to hold 35 mules.

By the Finn Coal Company

Erection of new breaker, dimensions of which are 51x51 feet and height over wall 65 feet. One large screen, two sets of shakers 30 feet long. One set of elevators, distance between centers 45 feet.

Breaker engine 16x24 inch cylinder, 75 horse power. Capacity of breaker about 350 tons daily.

A tunnel driven from No. 1 Dunmore to No. 2 Dunmore vein; length 66 feet, section 6x14 feet.

A new second opening was driven from inside to the surface, a distance of 100 feet.

By the Black Diamond Coal Company

Erection of new fan, 12 feet in diameter, to ventilate No. 1 vein. The result is a marked improvement in the ventilation.

No. 1 plane has been extended 500 feet, new air bridges have been built, and new air ways have been driven.

Clark vein No. 1 plane has been extended 1,200 feet, and a pair of 10x12 inch engines placed at the bottom to take the place of gravity wheels. This plane is now 2,300 feet in length.

No. 2 plane was extended 200 feet.

Dunmore vein, a slope, has been sunk 350 feet on the west side of shaft and a pair of engines 10x12 inch put in for hoisting the coal. An engine plane has been made on the east side of shaft 700 feet in length and a pair of engines 10x12 inch put in to operate it. The hoisting shaft and also the main shaft have been thoroughly repaired. A new steel tower was erected over the man shaft. The inside and outside have been converted into a new colliery.

HILLSIDE COAL AND IRON COMPANY

Erie Colliery.—An air shaft put down on the west side of the Lackawanna river from the surface to the new county vein, area 10x10 and 35 feet in depth. A Guibal fan 12 feet in diameter has been installed to be driven by a 40-horse power electric motor. Near the breaker a brick electric power house 30x35 feet has been erected, and an additional 90 K. W., 275 volt generator, driven by a 145 H. P. Armington and Sims engine, is being erected. An additional 7½ ton electric motor with cable reel attachment has been added to the inside equipment.

Keystone Colliery.—A tunnel 7x10 feet area and 100 feet in length, has been driven from the surface to the new county vein. A new track has been laid 2,000 feet in length from the tunnel to the head of a new plane 900 feet in length which has been constructed.

BLACK DIAMOND COAL COMPANY

An electric plant which consists of a building 16x30 feet, with a 25 horse power high speed McEwen engine, a 7½ K. W. dynamo, switch-board complete. This furnishes the power necessary for driving two-electric rotary drills for mining purposes inside.

FINN COAL COMPANY

Erection of new breaker, dimensions of which are 54x60 feet. One large screen, two sets of elevators, one pair of big rolls, one pair pony rolls, one pair of crushers. Breaker engine 16x24 inch cylinder, 75 horse power. Capacity of breaker 300 tons daily.