

CARNEY AND BROWN COAL COMPANY

Carney and Brown Colliery:

Carney and Brown Slope.—Ventilation, drainage and safety conditions, fair.

NO. 6 COAL COMPANY

No. 6 Colliery:

No. 6 Slope.—Ventilation and drainage good. Safety conditions, fair.

IMPROVEMENTS

PENNSYLVANIA COAL COMPANY

Pennsylvania No. 1 Colliery.—A rock tunnel 5 by 7 feet and 250 feet long, was driven from the First Dunmore vein, No. 1 shaft, to the First Dunmore vein, through faulty ground, for the purpose of ventilation.

No. 5 Colliery.—Brick building erected, 41 by 150 feet, to take care of outside stock. A new and more modern pump room was finished in Third Dunmore vein near foot of shaft.

A rock tunnel about 500 feet long and 7 by 10 feet in cross-section was driven from the Third Dunmore vein through an upthrow in the Bunker Hill section.

Underwood Colliery.—This colliery was placed in operation April 28. The work of construction has been going on during the year. The boiler plant, power plant, engine house and other necessary buildings are about completed.

SCRANTON COAL COMPANY

Pine Brook Colliery.—Installed 300 Maxim water tube boiler.

DELAWARE, LACKAWANNA AND WESTERN RAILROAD COMPANY

Diamond Colliery.—Built new washhouse and sub-station. Installed one 7-ton electric locomotive with reel, etc.

PRICE-PANCOAST COAL COMPANY

Pancoast Colliery.—A tunnel 600 feet long was driven from No. 3 to No. 2 vein.

NAY AUG COAL COMPANY

Nay Aug Colliery.—Built new washhouse. Also built addition to mule barn outside. Installed Hayes derailer above breaker as a safety precaution. A First Aid team was trained in the Y. M. C. A. and Bureau of Mines car.

SPENCER COAL COMPANY

Spencer Colliery.—Installed electric hoist in No. 1 shaft, 100 H. P. motor to replace steam hoist. Installed four 30 H. P. motors in mines, and new rotary pump for washery. Concreted 40 feet of No. 1 shaft from No. 1 to No. 2 Dunmore vein. Built 100 feet of new trestle and new scraper line at breaker.

CARNEY AND BROWN COAL COMPANY

Carney and Brown Colliery.—A second opening driven from Marcy vein to surface, a distance of 150 feet. A new hoisting tower was erected.

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NO. 6 COAL COMPANY

No. 6 Colliery: No. 6 Slope.—Ventilation and drainage, good. Safety conditions, fair.

No. 6 Drift.—Ventilation and safety conditions, fair. Drainage good.

IMPROVEMENTS

PENNSYLVANIA COAL COMPANY

Underwood Colliery.—A rock slope 7 feet by 12 feet and 500 feet long, was driven from the Clark vein to the New County vein for development purposes. A wash-house for employes was built on the outside 30 feet in width and 110 feet long. A storehouse, 30 feet by 80 feet of steel and galvanized iron, was constructed. Approach to the slope from the outside to the first Dunmore vein was concreted. Much grading and finishing was done on the outside.

Pennsylvania No. 5 Colliery.—A brick building, 40 feet by 170 feet, was erected on the outside to replace the old mule barn. This building accommodates mules, outside teams and wagons. On the inside a rock tunnel was driven from the second to the third Dunmore vein in the Bunker Hill section.

DELAWARE, LACKAWANNA AND WESTERN RAILROAD COMPANY

Diamond Colliery.—Installed engine and fan for boiler plant. Painted three sides of breaker. The dust system in breaker is being improved. Installed conveyor line, pit, etc., for handling Cayuga coal. Also installed one 7-ton locomotive with reel, etc., two shortwall coal-cutting machines, and one longwall coal-cutting machine.

PRICE-PANCOAST COAL COMPANY

Pancoast Colliery.—Built new fire room and installed 6 new water tube Maxim boilers.

SPENCER COAL COMPANY

Spencer Colliery.—Installed 2 sets of double-deck shakers in the breaker. No. 2 shaft was retimbered, and new ropes were placed in Nos. 1 and 2 shafts.

CONDITION OF COLLIERIES

PENNSYLVANIA COAL COMPANY

Pennsylvania No. 1 Colliery.—Pennsylvania No. 1 Shaft, Gipsy-Grove Shaft, No. 2 Drift, No. 3 Tunnel, Clark, Pittston and Marcy Slopes.—Ventilation, drainage, roads and safety conditions, good.

Underwood Colliery.—Underwood Shaft.—Ventilation, drainage, roads and safety conditions, good.

DELAWARE, LACKAWANNA AND WESTERN RAILROAD COMPANY

Storrs Colliery.—Storrs Nos. 1, 2, and 3 Shafts, Nos. 2, 3 and 4 Drifts.—Ventilation, drainage, roads and safety conditions, good.

DELAWARE AND HUDSON COMPANY

Olyphant Colliery.—Grassy-Island No. 2 Shaft, Grassy-Island No. 2 Slope and Miles Slope.—Ventilation, drainage, roads and safety conditions, good.

SCRANTON COAL COMPANY

Johnson Colliery.—Johnson Nos. 1 and 2 Shafts.—Ventilation, drainage, roads and safety conditions, good.

Richmond No. 3 Colliery.—Richmond No. 3 Shaft.—Ventilation, drainage, roads and safety conditions, good.

NAY-AUG COAL COMPANY

Nay-Aug Colliery.—Nay-Aug Nos. 1, 2 and 3 Slopes.—Ventilation good, drainage and roads fair, safety conditions good.

CARNEY AND BROWN COAL COMPANY

Carney and Brown Colliery.—Clark and Marcy Slopes.—Ventilation good, drainage and roads fair, safety conditions, good.

SPENCER COAL COMPANY

Spencer Colliery.—Ventilation good, drainage and roads fair, safety conditions, good.

QUINN COAL COMPANY

No. 6 Colliery.—Ventilation, drainage and safety conditions, good.

IMPROVEMENTS

PENNSYLVANIA COAL COMPANY

Underwood.—Erected a 20 x 50 stone building for electric hoist one-half mile northeast of the property, and installed 1 electric hoist operated by two 45 H. P.-D. C. motors, and 1-300 K. W. generator set to take care of Nos. 2 and 3 Dunmore veins, Hannah-Bell plane section.

Erected 2 air-bridges in Clark vein for ventilation purposes. Graded the Clark slope to improve haulage system.

Erected 4 air-bridges in No. 3 Dunmore vein for ventilation. Installed 2 3-stage electrical driven centrifugal pumps with a capacity of 800 gallons per minute.

DELAWARE, LACKAWANNA AND WESTERN RAILROAD COMPANY

Storrs Colliery.—Completed second openings connecting Nos. 2, 3, and 4 drifts. Installed one 7-ton electric locomotive.

No. 1 Shaft. One 7 by 12 by 63 feet rock tunnel driven from No. 1 Dunmore to No. 3 Dunmore vein. One 7 by 10 by 133 feet rock tunnel driven through fault in Clark vein. Installed one 7-ton electric motor.

No. 2 Shaft. One 7 by 12 by 108 feet tunnel driven from Top Split to Bottom Split 14 foot vein for development. Installed one 7-ton electric motor.

No. 3 Shaft. One 7 by 12 by 132 feet rock tunnel driven from Clark vein to New County vein for development. One 8 by 8 by 42 feet shaft from Clark to New County vein for ventilation. Installed one 7-ton electric motor.

DELAWARE AND HUDSON COMPANY

Olyphant Colliery.—Grassy-Island Shaft. A rock tunnel was driven from New County vein to Clark vein 588 feet long. One rock return tunnel driven from Top Clark to New County vein 99 feet long. Concreted No. 1 shaft 9 feet above surface and 35 feet below surface. Installed electric hoist at No. 15 plane to lower coal from 14 foot and New County veins to Clark vein shaft landing.

Miles slope. A gangway and airway 950 feet long driven up pitch in No. 4 Dunmore vein for ventilation. No. 34 plane 100 feet long driven from Bottom rock to Top rock vein. No. 35 plane 72 feet long driven from Bottom rock to Top rock vein for development.

SCRANTON COAL COMPANY

Johnson Colliery.—Erected a new wash house, and two B. and W. 300 H. P. boilers. Outside. Installed one duplex pump 24 by 10 by 36.

Richmond No. 3 Colliery.—A rock tunnel 7 by 10 feet driven from No. 2 Dunmore vein to No. 1 Dunmore vein for second opening.

SPENCER COAL COMPANY

Spencer Colliery.—The breaker of this operation was destroyed by fire February 3. Erected coal pocket and the coal from the mine is loaded into railroad cars and is taken to the Minooka breaker for preparation.

MINE FOREMEN'S EXAMINATIONS

The annual examination of applicants for certificates of qualification as mine foremen and assistant mine foremen was held in Scranton, May 8 and 9. The Board of Examiners was composed of D. T. Williams, Inspector, Scranton; Joseph P. Jennings, Superintendent, Moosic; James W. Reese, Miner, and William J. Jenkins, Miner, Scranton.

The following persons passed a satisfactory examination and were granted certificates:

made to the electric sub-station in the Clark vein, the room being arched so as to provide more space. The drainage road that is being driven towards Underwood Colliery was driven 1,221 feet during the year.

Underwood Colliery.—Office building was erected on the surface for the use of the superintendent, outside foreman and colliery clerks. Two 6-inch 1,200-gallon capacity centrifugal pumps were installed to deliver water to the breaker, to replace two 8-inch 700-gallon pumps. Rock tunnel 300 feet long was driven to make car haul to run cars back to tunnel level at foot of No. 1 shaft. New air bridges were built across slopes in the New County and Clark veins, making each lift a separate split of air. Clark vein slope was graded from 4th to 6th lift through basin. Mine foreman's office was built at Clark vein. Hospital was built at Pittston and Rock veins at foot of No. 3 shaft. One Scranton centrifugal pump was installed at lower end of property to discharge water to the surface.

DELAWARE, LACKAWANNA AND WESTERN RAILROAD COMPANY

Storrs Colliery: No. 2 Shaft.—Rock tunnel 7 by 12 by 120 feet long was driven from Top Split to Bottom Split of the Fourteen Foot vein for development, and rock tunnel 7 by 12 by 110 feet long was driven from Top Split of Fourteen Foot to Rock vein. Installed one 9 by 12 Ingersoll-Rand portable air compressor for general rock work, and one 7½-ton General Electric locomotive.

No. 3 Shaft.—Rock tunnel 7 by 12 by 110 feet long was driven from Clark to New County vein for development. Installed two 7½-ton General Electric locomotives for transportation.

No. 3 Drift.—Installed one 7½-ton General Electric locomotive for transportation.

QUINN COAL COMPANY

Quinn No. 6 Colliery.—A new coal breaker was erected, with a capacity of 300 tons per day. This breaker is provided with all necessary modern equipment, having an electrical hoist and patent roller pickers, also facilities for unloading coal from railroad cars. A new 1,800-foot haulage road was made from the head of the slope to the new breaker. The old breaker was abandoned August 1.

SPENCER COAL COMPANY

Spencer Colliery.—A new coal breaker was erected, with a capacity of 400 tons per day, to replace the one destroyed February 3, 1917. New concrete blacksmith, carpenter and machinist shop was erected. New concrete engine room was made at No. 1 Shaft to replace the wooden one.

MINE FOREMEN'S EXAMINATIONS

The annual examination of applicants for certificates of qualification as mine foremen and assistant mine foremen was held in Scranton, April 23 and 24. The Board of Examiners was composed of D. T. Williams, Mine Inspector, Scranton; Joseph P. Jennings, Superintendent, Moosic; James W. Reese and William J. Jenkins, Miners, Scranton.