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COMMONWEALTH OF PENNSYLVANIA

WILLIAM W. SCRANTON

Governor



DEPARTMENT of MINES and MINERAL INDUSTRIES

H. B. CHARBURY

Secretary

ANTHRACITE DIVISION

1965

ANNUAL REPORT

Harrisburg

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND
MINERAL INDUSTRIES
HARRISBURG

H. B. CHARBURY
THE SECRETARY

May 23, 1966

The Honorable William W. Scranton
Governor
Commonwealth of Pennsylvania
Harrisburg, Pennsylvania

Dear Governor Scranton:

In compliance with the Act of April 14, 1903,
I transmit herewith the Report of the Department of Mines
and Mineral Industries for the year ending December 31,
1965, covering in detail the operations in the Anthracite
Division of Pennsylvania.

Respectfully submitted,

H. B. Charnbury
H. B. Charnbury



WILLIAM W. SCRANTON

GOVERNOR OF PENNSYLVANIA

Governor Scranton is a graduate of Yale University and its Law School. He served with the Air Force in World War II as a Pilot and Operations Officer with the rank of Captain and, upon returning to civilian life, became directly involved in various businesses, including publishing, banking and broadcasting.

For years he was a leader in the effort of his home city, Scranton, Pennsylvania, to diversify its economy by the establishment of new industry there. He meanwhile served in many capacities with charitable organizations, educational institutions and hospitals.

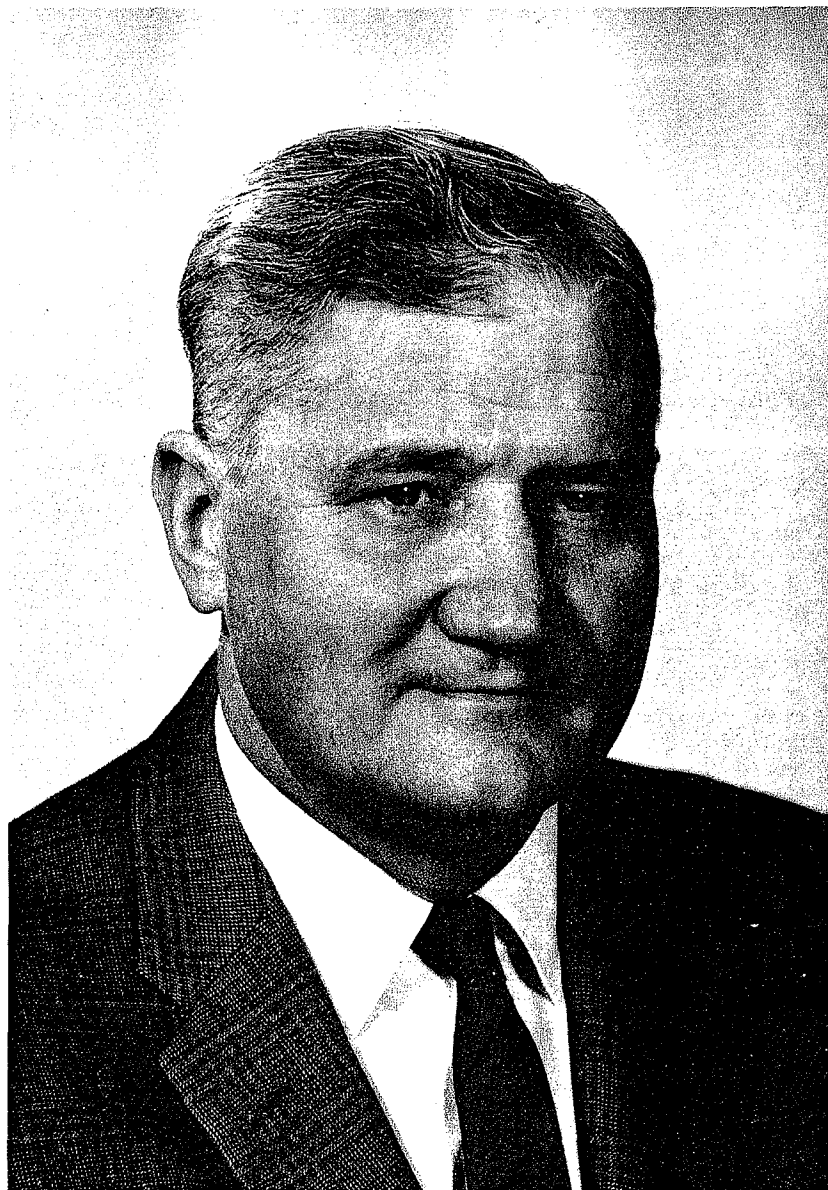
His first service in Government was as a Special Assistant to Secretary of State Christian Herter, where he administered the Secretary's private office and represented the United States at international conferences. He was elected to the 87th Congress in November of 1960 from a District which had a 34,000 Democratic registration majority.

In 1962, he was the Republican candidate for Governor of Pennsylvania and carried the State with a 486,000 vote majority.

Since becoming Governor, he has led Pennsylvania into a new era of prosperity and social progress, and heads one of the most progressive Administrations that the State has ever experienced.

Governor Scranton's awareness and understanding of coal region problems has enabled his Administration to effect changes in laws pertaining to mining which are among the most vital in the history of the coal industry. The Governor's continuing interest in coal region problems was never more evident than on the four different occasions that he appeared before Congressional Committees during 1964 and 1965 to champion a stronger, more effective Appalachian Regional Development Act. He outlined and then submitted proposals on the five problems of strip mine reclamation, mine subsidence, surface and underground mine fires, unsightly culm piles and acid mine water drainage that were all wholly incorporated into the Appalachian legislation finally adopted.

It was first determined by Governor Scranton's Administration that the ugly culm piles or mine refuse banks which dot the coal-producing areas could be used in backfilling abandoned mines to prevent surface subsidence. By using the culm piles for this purpose, three of the five main problems confronting the mine areas of the State are being positively attacked.



H. B. CHARMBURY

SECRETARY OF MINES AND MINERAL INDUSTRIES

H. Beecher Charmbury was appointed Secretary of Mines and Mineral Industries by Governor Scranton on January 30, 1963. He was born on September 21, 1914, in Hanover, Pennsylvania. In 1936, he was graduated Cum Laude from Gettysburg College with the degree Bachelor of Arts, in 1937 from the University of Pennsylvania with the degree Master of Science, and in 1942 from the Pennsylvania State University with the degree Doctor of Philosophy. He was married to Miss Mildred Louise Wentz in 1938, and they have two children; Deborah Louise and Thomas Elert.

From September, 1937 to January, 1963 Dr. Charmbury was a member of the faculty of the Pennsylvania State University, serving successively as Research Assistant, Assistant Professor, Associate Professor, and eventually Professor and Head of the Department of Mineral Preparation. He was an invited lecturer at the Third International Coal Preparation Congress at Liege, Belgium in 1958, and at the First European Symposium on Size Reduction at Frankfurt, Germany in 1962.

He has served as technical consultant to various companies, organizations and municipalities on problems related to the preparation, beneficiation and utilization of bituminous and anthracite coals and metallic and nonmetallic minerals in addition to problems related to the causes and control of air pollution. He is the author of numerous published papers.

The Secretary is a member of the American Institute of Mining, Metallurgical and Petroleum Engineers, the American Chemical Society, the American Mining Congress, the American Association of University Professors, the American Society for Engineering Education and the National Academy of Sciences. He is a member also of the Grace Lutheran Church of State College, Pennsylvania; Patmos Lodge No. 348, F. & A. M.; and B. P. O. Elks, of which he is a former State President. He is a former Chairman of the Centre County Republican Executive Committee. Dr. Charmbury is listed in American Men of Science, Who's Who in American Education, Who's Who in Engineering, Who's Who in the East, and Leaders in American Science.

ECONOMIC CHANGES BRING NEW TECHNOLOGY IN THE COAL INDUSTRY

At the beginning of the present century, coal and iron were the keys to industrial prosperity. At that time, and for a number of years afterward, Pennsylvania led all the states in mineral production. In a typical year after World War I, for example, this state's production of coal was 200,000,000 tons.

In the entire United States almost 90 percent of the energy formerly was generated by coal. Now, however, coal accounts for but 22 percent of the energy generated. This indicates the drastic reduction in the output of Pennsylvania coal. In contrast to the period after World War I, the figures for 1964 show a drop in production to 93,846,480 net tons. This drop has created a serious economic problem in a state so greatly dependent on the coal industry. With the reduction in coal production, employment has dropped considerably during those years (the number of miners alone from 280,011 to 43,149).

EXTENSIVE RESERVES IN PENNSYLVANIA

The reduction in coal output is due not to depletion of Pennsylvania's coal reserves but to shifts in demand. It is estimated that there are more than seven billion tons of anthracite and more than 28 billion tons of bituminous coal still unmined in Pennsylvania.

All shifts in demand take place through the price mechanism. For certain purposes aluminum, concrete, glass, and plastics have become acceptable substitutes for steel. The relatively high price of steel is due in part to the high price of coal. Changes in steel-making practices aimed at reducing costs are threatening the use of coal as it is now known. Stricter air pollution laws may tend to delay the establishing of many new mine mouth power plants.

The problems that the Pennsylvania coal industry is facing do not stop with unemployment, costs, and coal output. Mine subsidence, or cave-ins where voids have been left by coal mining, has caused considerable property damage. Acid mine drainage is another problem. Because of the physical characteristics of coal, when it is acted upon by bacteria and combined with water, sulfuric acid is formed; and that results in the pollution of streams. Burning refuse piles constitute an additional problem.

In spite of the present discouraging state of the coal industry, many experts believe that coal has a promising future both as a raw material and as a source of energy. The former is illustrated by the increasing demand for organic chemicals and carbon as a filtering agent. The extent to which Pennsylvania's coal industry will profit by these new prospects depends upon research and development, upon coal policies, and upon the ability of Pennsylvania operators to mine coal at a cost that will make possible effective competition with operators in other states.

Research and Development

As far back as 1939, coal operators and economists with foresight saw on the horizon obstacles that would have to be overcome and realized that improvements would have to be made. Recognizing research as a means of improving and stabilizing the industry, they urged legislative action. (The General Assembly made a small grant to the Pennsylvania State University with the provision that every State research dollar be matched with one from the industry. This initial grant laid the foundation for growth in coal research.)

(In 1955 the General Assembly, acting on recommendations of the Panel of Technical Advisors of the Joint State Government Commission, created the Coal Research Board.) In 1956 it passed Act 651, designating the Board to carry on research on the economics, the technology, and the marketing of anthracite and bituminous coal and their by-products for the purpose of developing new uses and increasing markets for such coal. The sum of \$500,000 was appropriated for use by the Board. The law requires that the Board be composed of seven members, namely: the Secretary of Mines and Mineral Industries, who is designated as Chairman; two anthracite operators; two bituminous coal operators; one representative of the labor collective bargaining agency of the anthracite industry; and one representative of the labor collective bargaining agency of the bituminous coal industry. All members except the Secretary of Mines and Mineral Industries are appointed by the Governor, each for a term of three years.

(In 1963, the scope of the Coal Research Board was increased to include problems confronting the industry such as water and air pollution, mine fires, mine safety, and the development of coal mineral complexes.)

(Through July 1, 1966, a total of \$2,525,000 has been appropriated by the Legislature to the Coal Research Board.) Of that amount, the sum of \$475,000 was appropriated for the fiscal period 1963-1964, and \$500,000 each for the fiscal periods 1964-1965 and 1965-1966.

Projects conducted in past years were selected by the Board from proposals submitted by qualified research agencies. Project proposals demonstrated a need for conducting basic or fundamental research concerning the various factors related to coal; but they presented few ideas for research in applied uses for coal. The result was that the Board had little choice but to assign the bulk of its available funds to projects concerned with basic or fundamental research.

ACTIVE PROJECTS FOR COAL RESEARCH BOARD

At the present time 23 active research projects are being carried out for the Coal Research Board by three colleges, four industrial corporations and two coal industry institutions. The subject matter under study is in the fields of export market development, domestic market development, water pollution abatement, strip mine restoration, optimization of mine production, reduction of ash and sulfur content in coal, coal combustion characteristics, economics of the coal industry,

use of coal refuse products, reduction of mine disaster causes, removal of coal float dust, extinguishment of coal refuse bank fires and use of coal in removing airport fog.

There are now under way, four pilot plant projects through which technical information developed under previous laboratory projects can be applied and field tested. The first of these projects is a mobile acid mine drainage plant, designed and built in 1964, which has been used in studying mine drainage at six field locations. This plant has sufficient flexibility that new laboratory developments can be tested in the field. As economic and technical data are derived from the operations of this pilot plant, many unknowns will be resolved.

The second pilot plant is devoted to the treatment of coal refuse to separate combustible from non-combustible values. Arrangements have been made to use the non-combustible material to fill underground mine voids in the Commonwealth's program for the prevention of surface subsidence. The combustible portion will be tested in a nearby commercial power plant to ascertain its usability as power plant fuel. This pilot plant is also a direct result of theoretical and applied research sponsored by the Coal Research Board in the past.

The third pilot plant project consists in pursuing a means of disposing of acid water that is being discharged into streams. The technical and economical feasibility of permanent disposal of contaminated water by deep well injection into subterranean zones of mineralized brines is being studied. To date a deep disposal test well is being drilled by a major steel company under the direction of engineers for the Pennsylvania State University, and results are expected on this process by the Spring of 1966.

PILOT PLANTS NOW IN OPERATION

The fourth pilot plant that is being tested is one for converting mine drainage, through flash-distillation, into ultra high quality drinking or industrial water. Distillation of acid mine drainage water has many potential benefits to the localities where streams are now polluted. Data are needed, however, to establish the market value of distilled water as well as other potential by-products in these communities in order to establish the relative overall cost comparison of distillation to lime neutralization.

The Board is now carrying on six projects, either begun in 1965 or being finished from previous years, which are related to coal market development. They are as follows: (1) The economic and technological study of domestic markets for Pennsylvania anthracite; (2) The dissipation and removal of fog from airports by the application of fine anthracite; (3) Airport fog dispersal by the heat blitz method; (4) The study of high moisture pulverized coal flames; (5) The economic importance of the coal industry to Pennsylvania; and (6) An economic and technological study of European markets for Pennsylvania anthracite.

Another well received activity sponsored by the Board, by which it is hoped to increase mine safety, was that of several five day "short courses" at the Pennsylvania State University on the study of Rock

Mechanics as a basis for strata control. Mine inspectors and representatives of industry from both anthracite and bituminous coal fields attended these courses and learned of the latest technology. Greater "know-how" by these newly trained men should be reflected in improved roof control, improved safety and over-all better protection against cave-ins.

The projects being carried on by the Board to improve mine safety are: (1) an investigation of effective measures to combat mine disasters; and (2) an investigation of methods for control of float dust in coal mines.

Projects now being carried on for the purpose of reducing mining costs are in the fields of (1) strip mining and land restoration; (2) optimization of mine production systems for low cost mining.

One project is being carried on to improve the quality of coal by the reduction of ash and sulfur in bituminous coals during preparation.

Projects to treat refuse banks and refuse material are as follows: (1) The characteristics and preparation of anthracite breaker refuse and the suitability of derived products for industrial use; and (2) A pilot plant for treatment of culm bank material.

In addition to the mine drainage pilot plant previously mentioned, nine projects have been funded by the Coal Research Board in seeking solutions to the acid mine drainage problem. It is worthy to note that during the calendar years 1964 and 1965 the coal industry contributed \$111,325 to aid research seeking solutions to the acid mine drainage problem. This is the first time that industry has joined with the State Government in a mutually beneficial endeavor aimed at solving this common problem of mine drainage.

MINE DRAINAGE RESEARCH PROJECTS

Acid mine drainage research is being carried on through the following projects:

- (1) An investigation of the technical aspects in the control and disposal of mine water to minimize stream pollution.
- (2) The control of mine stream pollution by removal of the impurities from drainage streams.
- (3) A bibliography on acid mine drainage.
- (4) An investigation on the extraction of iron in acid mine drainage waters.
- (5) The elimination of pollution in mine drainage.
- (6) The design, fabrication, and operation of a mobile demonstration plant for the treatment of acid mine drainage.
- (7) A feasibility study of the application of a flash distillation process for treatment of acid mine drainage water.
- (8) Removal of acid from mine drainage by ion retardation.

- (9) The effect of acid mine drainage from strip mines on the ground reservoir under various hydrogeologic environments within the Mercer Quadrangle, Pennsylvania, and the mutation of water as it moves through the ground water reservoir.
- (10) Control of water quality in coal preparation plant effluent.
- (11) Pumping acid mine water from the West Branch of the Susquehanna River into an abandoned mine to improve alkalinity content.

Up to the present time, 53 technical reports have been prepared concerning many of the individual projects that have been conducted by the Coal Research Board. A great quantity of information not previously known has been recorded. These records have been distributed to the coal industry, agencies, libraries, and scientifically-minded individuals. It is believed that the availability and the use of this material have been of direct assistance in making possible some of the recent developments in the use of coal.

In order to plan for future research, the Board has solicited suggestions for research areas and specific problems from the coal industry and labor, and it has compiled a list of areas in which Board members think that research may prove useful. Compilation of problem areas was prepared, then distributed to research agencies of known ability, with facilities for undertaking coal research. Proposals were solicited for projects aimed at correcting or gaining information on the problem or problems presented. The Board continuously evaluates these proposals in the light of the long- and short-term needs of the coal industry, and grants contracts as funds permit.

The Pennsylvania coal industry today is faced with the task of doing in a short time research that ought to have been undertaken many years ago. It is reasonable to believe that if an adequate research effort had been made in the past many of today's problems would not exist. A coal research program, broad in scope and extending into the future, should contribute greatly toward opening the doors to vast and valuable mineral reserves remaining in Pennsylvania.

Mine Refuse Bank Fires

Under a program authorized by Act 3A of the General Assembly, approved March 3, 1964, supplemented by Act 25A, approved July 9, 1965, the Department was authorized to use money specifically for the purpose of extinguishing, curtailing, and preventing the spread of mine refuse bank fires. (These funds were not intended to be used to extinguish large bank fires because methods to do this are not known.) Of these funds, the sum of \$53,500 has been used to do experimental work on the Huber bank, particularly in Ashley Borough. The Department is endeavoring to make arrangements with the Federal Department of Health, Education and Welfare to continue this experimental project with that Department. Under the proposed ar-

rangement the Commonwealth would provide \$71,500 and the Federal Government, three times that amount.

In 1965 plans were under way for a project to extinguish fire in the abandoned Baker bank in the City of Scranton. In this project, five horizontal boreholes are to be drilled in a section of the bank beginning at its southern end. There will be one borehole for every thirty-foot section of the bank. A charge of dynamite in each hole will be exploded to blow southward the material forming that thirty-foot section. Heavy streams of water pumped from the Lackawanna River then will be pumped onto the material which had been blasted, in order to extinguish the fire. State funds in the amount of \$32,000 have been allocated for this work. If the experiment is successful, it will lead to a larger project.

Eleven much smaller bank fire projects, each costing up to approximately \$15,000, were conducted in 1965. Of five in the bituminous area, two were in Elk County, two in Allegheny County, and one in Fayette County. Of six in the anthracite area, three were in Lackawanna County and three in Luzerne County.

Abandoned Coal Mine Services

The abandoned coal mine services are basically for the purpose of correcting conditions caused by early mining operations that are detrimental to public welfare. During 1965 the authority to carry out these services was enlarged and it now reads as follows: "To seal or close or backfill abandoned deep or strip coal mines, to fill voids in abandoned coal mines, to drill bore holes, dig ditches or construct flumes which would relieve flooding or hazardous conditions caused by mine water, and to extinguish fires in abandoned coal mines and in culm banks, in those instances where such work is in the interest of the public welfare."

During the last year the Department conducted 41 projects under this program, using State funds only. Of these projects, 30 were conducted in eight counties in the bituminous coal area of the Commonwealth and 11 projects in seven counties in the anthracite area. In addition, five contract projects were conducted using equally matched State and Federal funds; these projects were limited to extinguishing mine fires. Their locations are: Blairsville Borough and Burrell Township, Indiana County; Kennedy Township, Allegheny County; Jefferson Borough, Allegheny County; Monroeville Borough, Allegheny County; Penn Hills Township, Allegheny County. The joint State-Federal project at Blairsville was a continuation of the work previously done solely at State expense.

During 1965, special emphasis was placed on sealing abandoned deep mine openings and extinguishment of fires in abandoned coal mines insofar as the services provided under this program were concerned.

Bituminous Division

In the Bituminous Division, with headquarters in Ebensburg, during 1965 accomplishments included the following: 1,637 safety inspections were made in deep mines; 1,341 U. S. Bureau of Mines safety inspection reports were submitted for review and reinspection; 88 gassy mines were inspected. (The electrical inspectors are required to accompany mine inspectors on all A.C. installations, all other electrical installations and equipment installation.) Inspectors made investigations of 95 different electrical installations of various types. Included also were 38 investigations of gas ignitions and of fires in active mines and other incidents. Six dust studies were made.

Appointed Commissions of Bituminous Mine Inspectors conducted investigations and submitted recommendations on proposed erection of public buildings, mine ventilation problems, longwall mining installations, belt installations, unsafe working conditions, alleged violations of the mining law, dust conditions and unsafe practices as reported by the U.M.W. of A. A Commission is now investigating installation of coal silos.

Inspectors investigated 29 fatal accidents, 65 nonfatal roof fall accidents, and seven natural deaths which occurred inside the mines.

The 1965 Mine Officials' Examination was passed by 270 men who now have been certified as mine officials.

The bituminous mine inspectors and electrical inspectors examinations were held in Pittsburgh, and 13 men successfully passed these examinations.

Bituminous field investigators made 1,366 waste disposal investigations and inspections.

Relative to the Mine Subsidence Insurance Fund, 578 new applications were investigated and reports processed, and 238 renewals were reviewed and reports made thereon.

Department personnel attended nine Highway Mining Commission hearings.

In the field of first aid and mine rescue, 51 classes of first aid training were held, 2,245 men were trained and certificates were issued to them; 47 classes of mine rescue training were held, 279 men were trained and certificates were issued to them; three sectional first aid meets, one state first aid meet, one state mine rescue meet, and one national first aid and mine rescue meet were held.

The mine inspectors are required to serve on committees and to attend the meets.

During the year 14 emergency trips with mine rescue trucks were made to ignitions and mine fires.

Rescue and first aid employees took 340 air samples.

Bituminous Strip Mine Reclamation

The primary accomplishment of the Department's Bituminous Bureau of Conservation and Reclamation has been obtaining and retaining the cooperation of the industry for compliance with the Bituminous Coal Open Pit Mining Conservation Act.

The reorganization of the mine inspection staff, and the assigning of separate inspectors to the inspection of bituminous strip mines, has made strip mine inspection the primary task of the men assigned to that work. Under previous procedure strip mine inspection was secondary to the inspection of deep mines.

The publishing of a Bituminous Coal Open Pit Operators Manual has been of great value to the representatives of the open pit mining industry and has eliminated much confusion in applying for the necessary open pit mining licenses and permits.

A system of having reinspection reports submitted to the Central Office has brought about uniform inspection and enforcement policies and has eliminated the previous procedure of having separate enforcement standards in individual mine inspection districts.

Strict enforcement of the provisions of the mining laws has accomplished the full intent of those laws.

Adequate training of field personnel has placed those officials in position to offer suggestions to mine operators for correcting and/or preventing violations. This policy, widely accepted by the industry, has brought about prompt correction of minor violations which could have caused major violations.

Strict enforcement of the requirements for bonding has enabled the Department to initiate a system of prompt release of bonds.

Co-operation with representatives of other States, including explanation of the requirements of Pennsylvania's law and reports of the accomplishments under that law, has tended to upgrade open pit mining legislation in other states. That has helped eliminate unfavorable competitive balances between states.

Through these accomplishments the Department has helped improve the public image of the open pit mining industry. A good start has been made toward convincing the public that mining can be accomplished, with proper conservation measures, without deterioration of land values and pollution of water.

Anthracite Division

The Anthracite Division, with headquarters in Pottsville, compiled the following record of productive effort during 1965:

There were 3,436 separate deep mine inspections, during which 101 mines or sections of mines were stopped for safety reasons; also 866 separate strip mine inspections, during which 14 operations were stopped for safety or other reasons. In addition, preparation plant inspections, culm bank recovery inspections, and electrical inspections

of deep and strip mine operations resulted in many corrective recommendations. With a total of 5,092 complete inspections during the year, by 22 inspectors, the average per inspector was almost 231.

A total of 956 inspections of waste disposal areas were conducted by inspectors. As a result of these inspections four disposal permits were revoked and two prosecutions were made.

In the field of employee safety the Department's anthracite inspectors trained 1,156 men in 107 mines in the detection of explosive gases and the care and use of the flame safety lamp; also 551 men in rudimentary First Aid, and 52 in a full scale Mine Rescue training course. In the Anthracite Division the safety record for the year shows eight fatal accidents as compared to 24 for the same period in 1964. Pertaining to the health of miners, 79 individual dust studies were made in 1965.

OUTSTANDING ACHIEVEMENTS BY INSPECTORS

There were two outstanding achievements by the inspection force: 19 separate culm bank and refuse fires discovered and extinguished under the leadership of the inspectors at no cost to the Commonwealth; 24 chapters of the Holmes Safety Council organized in areas where for years other agencies have been unsuccessful.

A rapidly expanding function of the Anthracite Division is strip mine blasting control. Department personnel regulated and monitored 8,899 blasts having a total of 20,816 blast holes. The Department actively regulates blasting in Carbondale, Plains Township, (Luzerne County), Wilkes-Barre, Plymouth, Warrior Run, Wanamie, Coaldale, Lansford, Nesquehoning, Shenandoah, Saint Clair, and Wadesville.

Under the Abandoned Mine Services Program, engineers in the Anthracite Division made studies of 25 proposed projects, initiated nine, and completed six. The engineers also serviced 27 mine subsidence insurance applications and eight safety zone applications.

The Division made 14 water supply studies to aid municipalities and industries such as the Schuylkill County Municipal Authority and the Schuylkill River Headwaters in regard to augmenting the flow for the City of Philadelphia and the City of Lebanon Water Authority.

Two major projects under study are the Kehley Run Mine Fire at Shenandoah and the Mount Carmel Mine Fire at each of which extensive exploratory drilling programs are underway.

In the field of restoration, State-owned equipment has replaced 1,417,150 cubic yards of earth in long-abandoned strip mines on public land, restoring to use 121 acres. Outstanding examples are the State Game Lands at Gold Mine in Lebanon County, a project which has additional value in improving the quality of the water to the City of Lebanon watershed, the Mahanoy City project on lands owned by the School District, and the Minersville and Kulpmont playground areas owned by the borough councils.

Forestry activity included the planting of 845,880 trees on restored strip mine lands.

The Department, using State-owned equipment, totally eliminated two culm bank fires, one at Saint Clair, the other in Schuylkill Township near the Borough of Palo Alto, each in Schuylkill County. Each of these fires would have developed into a major problem if allowed to continue.

In May, 1965, four mine inspectors were relieved of deep mine duties and assigned the sole duty of enforcing the Strip Mine Act. This change has produced the desired effect—better law enforcement because of better coverage without any increase in personnel or cost.

Anthracite Strip Mine Restoration

The Bureau of Anthracite Conservation and Reclamation, established under the terms of an Act of the General Assembly numbered 393 (P. L. 781), began functioning on November 11, 1963 when the amendment to the Anthracite Strip Mining Law became effective. Its duty is to administer all the laws of the Commonwealth governing and relating to the mining of anthracite by the open pit or strip mining method.

Regulations of strip mining require operators to be licensed, to pay license fees, and to obtain permits before engaging in the excavation of overburden or the removal of coal. In 1965, the number of licensed operators was 90 compared with 99 in 1964. The number of permits issued to licensed strip mining operators increased from 271 in 1964 to 347 in 1965. The increase in the number of permits issued, in spite of the decrease in the number of licensed operators and in the number of active open pits, was due to a requirement for the renewal of a permit at the end of every year of operation, combined with closer supervision, which confined strip mining operations to permitted areas of land.

A Land Restoration Board was created under the same 1963 legislation. Its members are: the Secretary of Mines and Mineral Industries, who is the Chairman, a registered professional engineer, a conservationist, a representative of the anthracite industry, and the Deputy Secretary of Mines and Mineral Industries for the Anthracite Region. The chief function of the Board is to review the plans of mining and restoration proposed by operators for stripping pits in excess of 100 feet in depth, which will be located more than 100 feet from a public highway and more than 250 feet from a dwelling house, public building or commercial or institutional building. For those approved, the amount of final backfill required is determined by the Board and is made a condition of the permit; the operator must backfill to the extent specified.

During 1965, 57 per cent of the permits granted were for stripping areas in the category of more than 100 feet; in 1964, 37 per cent. For original permits issued, the figures are reversed from 38 per cent in 1964 to 12 per cent in 1965. This was due mainly to the fact that the shallower stripping pits, less than 100 feet in depth, involved smaller areas of land. During the two-year period the Land Restoration

Board approved only three of a total of 101 original permits for alternate plans of restoration while others required replacement of all overburden in stripping pits.

Strip mining operators are required to file bonds with the Department to cover the obligations of backfilling and leveling or grading, together with planting the land areas affected by the open pit mining. During the two years of compliance with the 1963 Act, operators filed nearly \$2,000,000 with proposals to strip mine 2,072 acres of land. One of the outstanding accomplishments of 1965, through education and enforcement, was the elimination of the practice by operators of strip mining areas of land in excess of bond. No instances of this kind occurred in 1965.

During the two-year period under the Anthracite Strip Mining and Conservation Act 133, completion reports were filed and processed showing a total of 648.74 acres of land restored to original contour or to an improved contour over that existing at the beginning of the strip mining. A large percentage of anthracite open pit work consists in extending old stripping pits to greater depths and in almost all cases the area of land restored exceeds the amount affected by the new stripping. The final phase of restorations consists in planting the land affected by strip mining. The operator may either do this work himself or pay a prescribed fee to the Department on a per acre basis in order to be relieved of this obligation. During 1965 the amount of money received from operators for planting was \$24,449 compared with \$10,951 for 1964. During 1965 also 30,000 trees were planted by operators and 93,700 by the Department, all on land stripped and backfilled under the 1963 legislation. For the acreages of land restored, more than \$650,000 of bond has been released to operators during the two years of operating under the Anthracite Strip Mining and Conservation Act.

Oil and Gas Division

Because the function of the Oil and Gas Division of the Department is limited by law to the implementation of regulatory practices, accomplishments then must be defined as activities. The statistical report which follows is an exact report for the first eleven months of 1965. For the month of December, however, statistics were estimated.

The number of drilling permits issued in coal areas was 377; in non-coal areas, 26; total, 403. Drilling permits issued in coal areas pertinent to the Oil and Gas Conservation Act, 20; in non-coal areas pertinent to the Oil and Gas Conservation Act, 26; total, 46. Wells reported drilled in non-coal areas, 653; total wells reported drilled for the year, 968. Wells reported plugged and abandoned, 267. Pillar Permits issued, 145.

The total number of wells reported drilled is approximately 11 percent less than was reported for the year 1964. The year 1965 was the second most active since the organization of the Division. During 1965 activities were reported in 32 counties. There has been activity in 44 of Pennsylvania's 67 counties since the effective date of the Act,

February 1, 1956. As to underground gas storage wells, Pennsylvania continues to lead the nation in underground gas storage capacity which is 660 billion cubic feet. Of the 73 storage reservoirs in Pennsylvania, 60 are active, four abandoned, five are being depleted, and four are in the planning stage. There are sixteen of the storage reservoirs within 10,000 linear feet of operating coal mines. This means that these 16 reservoirs are under complete jurisdiction of the Division. Gas is being stored in 113 individual pools. By way of explaining this figure, some of the storage reservoirs are storing gas in more than one geological horizon.

Inspector activities were as follows:

1. During 1965 the number of inspections made was 3,597. These included investigations of drilling, casing, and plugging operations as well as periodical inspections of storage areas.
2. The Inspectors held 338 consultations during the year. These consultations were between the Department's Inspectors and management representatives of the oil and/or gas companies.
3. There were made 207 special investigations including plugging operations for the following: Kinzua Dam, Moraine State Park, Keystone Power Associates, and various State Highway construction projects. These investigations were concerned not merely with inspection trips, but rather with preparation of plugging and/or casing specifications to an alternate method as permitted by the Act.
4. There were made 67 individual complaints pertaining primarily to alleged water contamination. Most of these complaints were amicably settled even though in most instances the Department had no jurisdiction. Also investigated and reported in this category were all accidents of which officials of the Department had knowledge. Recommendations were made orally to the affected operators; and it is believed that, even without legislation, some progress relevant to safer operations was made.
5. There were 15 informal conferences held by individual inspectors. These conferences were held by the District Inspector in an attempt to settle disputes without aggravation. Since only three of these informal conferences were carried on to formal conferences in the Pittsburgh Office, it is believed that here, too, some progress has been made.

In July, 1965 the seventh Inspector for the Division was appointed. The Department is continuing to furnish the Geological Survey with all well information. Since the passage of the Oil and Gas Conservation Act in 1961, the Geological Survey has not received information directly from the operators, except that which may be forwarded willingly.

The Geological Survey, in the compilation of its reports, is dependent upon the Department for statistical information.

The first well intended primarily as a test well for the storage of acid mine drainage was drilled by the Bethlehem Mines Corporation.

If this project is successful an entirely new area of drilling will be promoted in the bituminous coal areas of Pennsylvania. One well in Beaver County and two in Erie County are being used satisfactorily for the storage of industrial wastes. Because the Act provides for the underground storage of liquids, as well as gas, this activity comes within the jurisdiction of the Department.

Activity was quiet in so far as spacing and integration orders were concerned during the year. The members of the Commission believe that the Act has served its intended purpose, in that the drilling of wells coming within the purview of the Act, has been carried on in more orderly fashion and a wider acreage arrangement.

Coal Mine Subsidence Fund

The major accomplishments of the Anthracite and Bituminous Coal Mine Subsidence Fund were effected because of Act 177, signed by Governor Scranton August 10, 1965. Under that Act the Board empowered the Fund to reduce the premiums on subsidence insurance an average of 20 percent in response to popular demand. That legislation also permitted the Fund to extend the policy period to two or three years. For the period August 10 to December 31, 1965, a total of 101 policies have been sold on this extended basis, 24 for a two-year period and 77 for a three-year period.

In addition, Act 177 permits interest on investments to be applied to administrative expenses. Because of this latter provision, the Fund showed an excess of premiums plus interest over administrative expenses in the amount of \$28,720.93 for the twelve months ended December 31, 1965. The administrative expenses for the period January 1, 1965 to December 31, 1965, were \$107,776.95, or \$12,463.23 less than for the entire calendar year of 1964.

The number of policies written for the twelve months ended December 31 was 592, compared with 755 for a similar period of 1964. This decrease is the result of applicants' waiting from March, 1965 to August 10, 1965 when the Board's anticipated authorization of rate reductions became effective. More than 2,149 policies have been written since the inception of the Fund. The present renewal rate is 85 percent. Payments per claim have been reduced from a total of \$55,268.66 (\$5,526.86 average claim) for 10 claims paid in 1964 to \$57,327.79 (\$2,729.89 average claim) for 21 claims paid in 1965.

The most significant accomplishment is the fact that the Fund met that provision of the Act which requires administrative expenses to be paid from premiums collected and interest on securities.

Appalachia Program

The Mining Area Restoration Sector of the Appalachia Program derives from Section 205 of the Appalachian Regional Development Act of 1965.

The Department prepared a total of 22 project requests and forwarded them to the Secretary of Commerce, Pennsylvania's member of the Appalachian Regional Commission, for presentation to that Commission. The Department has received no direct notification of approval of any projects. It has been unofficially advised that fifteen projects have been approved and that on two projects action has been deferred.

The Appalachian Regional Commission, like the states, has had to evolve forms and procedures in accordance with the act for handling project requests. In the field of Mining Area Restoration projects, Pennsylvania was the pioneer.

The Appalachian Regional Commission, from the start, has stressed data on social and economic justification of projects; and the broad aspects of social and economic justifications have been covered by information furnished by the State Planning Board. Local aspects and descriptive information relating to individual projects has been prepared by the Department.

Since the Department's latest transmittal to the Secretary of Commerce it has received three additional bituminous mine fire project requests. At the close of 1965 an additional anthracite mine fire project request was being investigated.

From the Scranton and Wilkes-Barre areas the Department has received strip mine reclamation requests which will require use of the revolving fund of Act 117. In process also are two bituminous strip mine reclamation project requests for State Game Lands. These will be ready for transmittal to the Secretary of Commerce early in 1966.

Data are being assembled for transmittal to the U. S. Bureau of Mines as directed by Subsection 205 (c) of the Appalachia Act which calls for a report on acreage affected by all surface or strip and surface mining. It is not limited to coal.

The Department has a contract with an engineering firm for mapping and design of strip mine reclamation projects. At the beginning, a considerable amount of joint investigation by Department engineers and Forests and Waters and Game Commission personnel was required to establish and confirm state ownership of surface and mineral in order that money would not be spent for mapping areas that the Commonwealth has no authority to restore.

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
ANTHRACITE DIVISION**

EXECUTIVE OFFICE

			<i>Area Code</i>	<i>Phone No.</i>
H. B. Charnbury Secretary	Towne House Apts. 660 Boas Street	Harrisburg	717	787-4686
Home:	222 East Irvin Avenue	State College	814	237-4726
Mrs. M. B. Gutshall Executive Deputy Secretary	Towne House Apts. 660 Boas Street	Harrisburg	717	787-4686
Home:	2958 Lincoln Street	Camp Hill	717	737-9895
Ralph A. Lambert Chief Mining Engineer	Towne House Apts. 660 Boas Street	Harrisburg	717	787-4805
Home:	3330 Highland Street	Allentown	215	395-4585
Gordon E. Smith Deputy Secretary	Motor Contracts Corp. Bldg. Room 2A - 108 S. Claude A.	Pottsville	717	622-1110
Home:	161 Avenue "C"	Schuylkill Haven	717	385-0023
Leon Ehrlich Deputy Attorney General	Towne House Apts. 660 Boas Street	Harrisburg	717	787-5054
Office:	146 North Sixth Street	Reading	215	376-1525
Home:	1429 Dauphin Avenue	Wyomissing	215	376-5829
G. A. Kephart Mine Safety Coordinator	Towne House Apts. 660 Boas Street	Harrisburg	717	787-4761
Mail:	P. O. Box 482	Clearfield	814	765-5471
C. J. Goetz Personnel Supervisor	Towne House Apts. 660 Boas Street	Harrisburg	717	787-5415
Catherine Miles Statistical Supervisor	Towne House Apts. 660 Boas Street	Harrisburg	717	787-4876
Wilkes-Barre Office	90 East Union Street	Wilkes-Barre	717	822-9150

BUREAU OF ENGINEERING

Roger J. Howell Director	90 East Union Street	Wilkes-Barre	717	822-9150
Home:	417 W. Atherton Avenue	Taylor	717	562-1660

BUREAU OF RESEARCH AND DEVELOPMENT

David R. Maneval Director	Towne House Apts. 660 Boas Street	Harrisburg	717	787-5104
Home:	1867 North Oak Lane	State College	814	238-0977

APPALACHIA PROGRAM

Carl A. Peterson Director	Towne House Apts. 660 Boas Street	Harrisburg	717	787-4345
Home:	153 Maple Avenue	Hershey	717	533-9037

PUBLIC RELATIONS

William A. Baker Administrative Officer	Towne House Apts. 660 Boas Street	Harrisburg	717	787-4617
Home:	548 N. Neville St.	Pittsburgh	412	682-5018

COAL MINE SUBSIDENCE INSURANCE FUND

Chester Gormley Director	Towne House Apts. 660 Boas Street	Harrisburg	717	787-5565
Home:	3641 Brisban Street	Harrisburg	717	564-2777

COAL LANDS IMPROVEMENT FUND

Paul J. Scholze Right Of Way Agent	Towne House Apts. 660 Boas Street	Harrisburg	717	787-5054
Home:	206 Elmore Road	Pittsburgh	412	240-0550

BUREAU OF STRIP MINING CONSERVATION AND RECLAMATION

Wesley I. Stonebraker Director	Motor Contracts Corp. Bldg., 108 S. Claude A. Lord Blvd.	Pottsville	717	622-1110
Home:	3117 Yale Avenue	Camp Hill	717	761-1751

OIL AND GAS CONSERVATION COMMISSION

Robert J. Hartman Secretary	Room 1708 Benedum-Trees Bldg., 223 4th Avenue	Pittsburgh	412	Ext. 391-2100 735
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OIL AND GAS DIVISION

W. Roy Cunningham Deputy Secretary	Room 1205 State Office Bldg., 300 Liberty Avenue	Pittsburgh	412	Ext. 391-2100 733, 734
Home:	919 Harlan Avenue	Johnstown	814	299-2812

Oil and Gas Inspectors

*Dis-
trict*

1 Charles C. Songer	100 E. Wayne St., Box 801	Warren	814	723-7477
2 Howard W. Martin	321 N. Eighth Street	Indiana	412	463-0590
3 Chas. E. Baldwin	907 Williams St., McJ. Acres	Washington	412	222-3295
4 Wm. J. Burns, Jr.	335 N. Barnett Street	Erookville	814	849-2445
5 Charles F. Straub	505 Oak St., Box 141	Coudersport	814	274-8840
6 Richard F. Walther	630 Southview Drive	Pittsburgh 26	412	563-3656
7 Wm. E. Sleeman	R. D. 5	Butler	412	287-1210

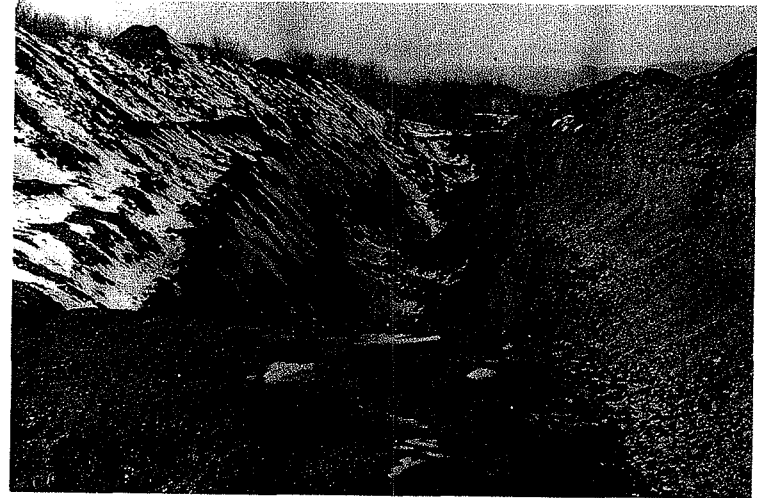
Electrical Inspector

Michael Polinko	1211 Chestnut Street	Kulpmont	717	373-9449
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Anthracite Mine Inspectors

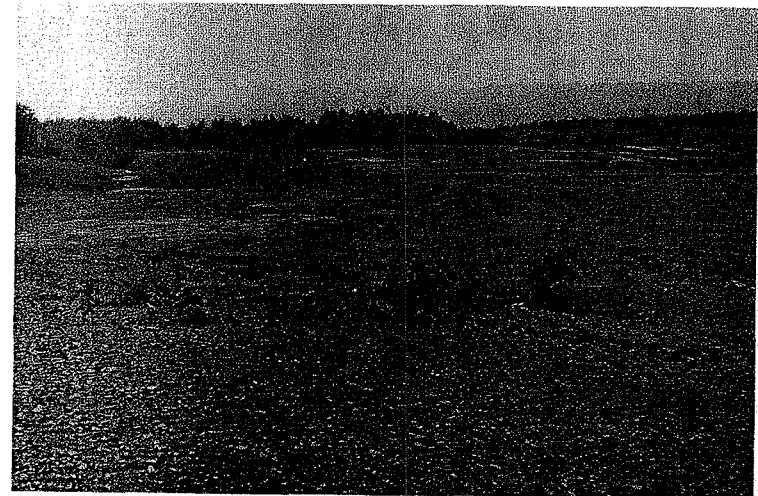
	H. R. Reese, Director				
	Deep Mine Safety	R. D. 1, Box 146	Elysburg	717	672-2853
1	T. M. Beaney	366 Monument Avenue	Wyoming	717	693-0222
2	R. O. Schneider	216 N. Ninth Street	Ashland	717	875-1861
3	J. R. Ruane	928 N. Washington Street	Shamokin	717	648-0262
4	Walter Davis	1900 West End Avenue	Pottsville	717	622-4107
10	W. A. Sanders	R. D. 2	Dalton	717	563-1945
11	G. F. Kettle	1318 Wyoming Avenue	Forty Fort	717	288-6351
12	J. A. Bugel	336 Columbia Avenue	Atlas	717	339-1103
13	W. R. Devens	38 Butler Street	Forty Fort	717	287-4576
15	A. A. Joyce	317 S. Maple Street	Mt. Carmel	717	339-0514
16	F. C. O'Connor	R. D. 2, Box 370	Pottsville	717	544-2573
17	C. E. Kashner	904 W. Spruce Street	Shamokin	717	648-3792
18	J. J. Shober, Jr.	64 E. Railroad Street	Nesquehoning	717	669-6048
19	A. J. Latz	9 W. Phillips Street	Coaldale	717	645-5727
20	G. P. Gallagher	103 E. Arch Street	Shamokin	717	648-3887
21	C. E. Miller		Muir	717	647-9209
23	J. P. Brophy	422 W. Third Street	Mt. Carmel	717	339-3171
24	A. E. Hand		Hegins	717	682-3284
26	P. P. Hino	108 E. Mahanoy Street	Mahanoy City	717	773-3694
28	Leon Brass	107 S. Walnut Street	Mt. Carmel	717	339-4152
29	H. R. Reese	R. D. 1, Box 146	Elysburg	717	672-2853
30	W. D. Maurer	25 Vaux Avenue	Tremont	717	695-3672

Before

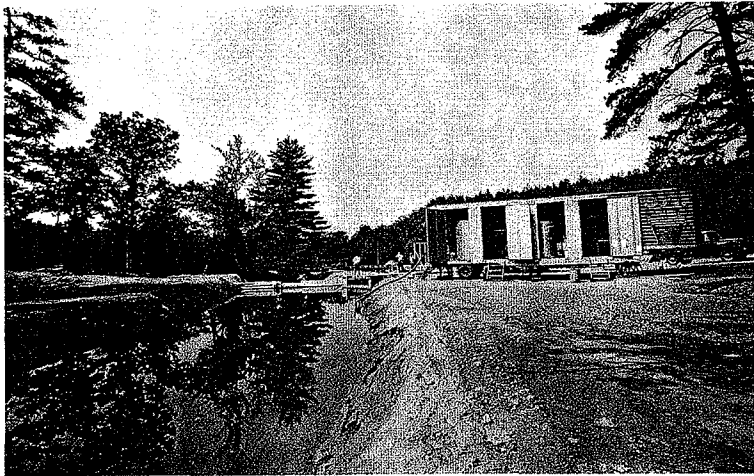


Anthracite strip mine operation in Nesquehoning Borough, Carbon County, when active.

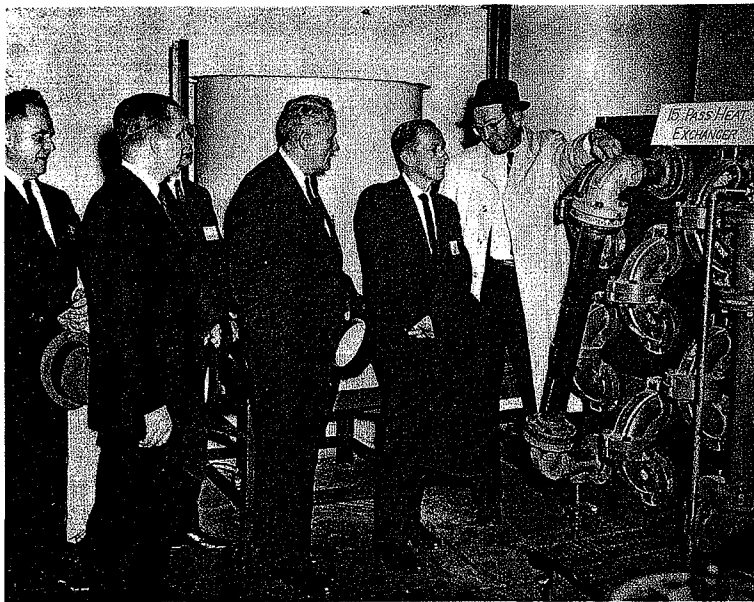
After



The same area in Nesquehoning Borough after the strip mine operation was finished and the land restored.



"Operation Yellowboy", mobile mine drainage treatment pilot plant, in operation as a project for the Coal Research Board.



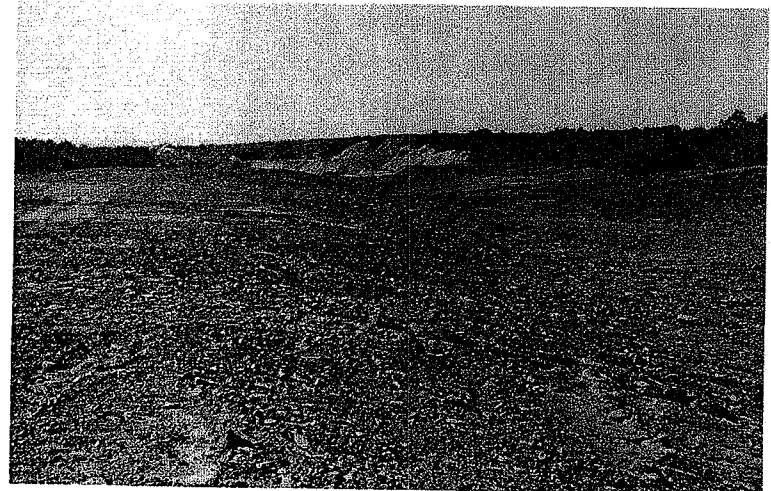
Members of the Coal Research Board examining a unit of a pilot plant for the treatment of mine drainage by flash distillation at Lester, Pennsylvania. An official of the Westinghouse Electric Corporation, at right, is explaining the device to Board Members Robert W. Rissinger, H. B. Charnbury (Chairman), Charles G. Zink and John Seddon, and, partly concealed by Mr. Zink, Board Secretary David R. Maneval.

Before

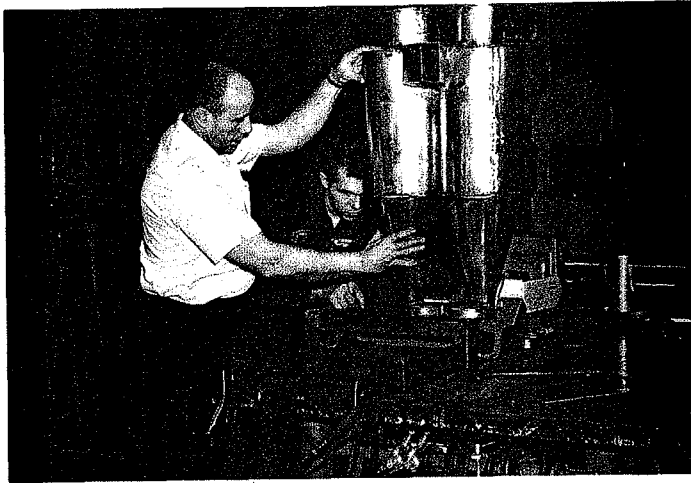


Two active anthracite strip mine operations in Foster Township, Schuylkill County, shown while the strip mining was in progress.

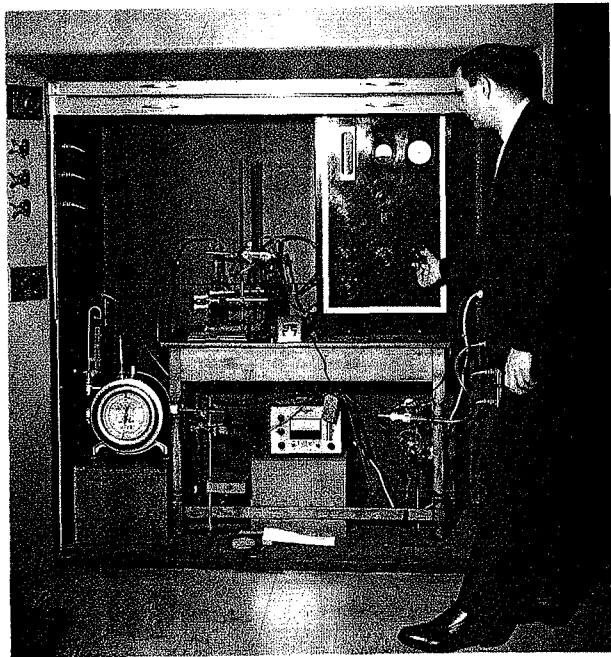
After



The same area after one operation had been completed and the land restored (in foreground). The operation in the background still active.



Project Engineer and Technician assembling field unit of float dust collection device being developed by Bituminous Coal Research, Inc., under sponsorship of the Coal Research Board. The unit is being developed for application at underground belt-transfer points and on mining machines operating at the working face.



System employed on Studies on Oxidation of Iron in Mine Drainage at Wilkes College. The system is being checked by Dr. Ralph Rozelle, head of the Department of Chemistry at the college. The project is sponsored by the Coal Research Board.



This specially designed emergency cage truck, the only equipment of its kind in the world, was used successfully by the Department in the rescue operation at Sheppton, near Hazleton, in August, 1963 and in other departmental undertakings. Suggestions and ideas of State Mine Inspectors, which were coordinated with those of design engineers, were the result of specific emergencies encountered in recovery work at shaft mines.

STATISTICAL REPORTS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
ANTRACITE DIVISION
TOTAL PRODUCTION OF COAL, PRODUCTION FROM STRIPPINGS AND WASHERIES;
EMPLOYES, FATALITIES, ETC.
1870 - 1965

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Employees	Fatal- ities	Produc- tion fatality	Fatal- ities per million	No. of ins- pec- tors
	#			#	#	#	#	#
1870	14,172,004			35,600	211	67,166	14.89	5
1871	15,532,252			37,488	210	73,963	13.52	5
1872	15,567,973			44,745	223	69,811	14.32	5
1873	21,001,521			48,199	254	79,551	12.57	5
1874	19,930,240			53,402	231	86,278	11.59	5
1875	23,402,646			69,966	238	98,330	10.17	6
1876	23,440,666			70,474	228	102,810	9.73	6
1877	24,727,213			66,842	194	127,460	7.85	6
1878	20,900,966			63,964	187	111,770	8.95	6
1879	31,036,600			68,847	262	118,460	8.44	6
1880	27,974,532			73,373	202	138,488	7.22	6
1881	34,202,558			76,031	273	125,284	7.98	7
1882	35,057,430			82,200	295	118,839	8.41	6
1883	37,747,369			91,421	323	116,865	8.56	6
1884	36,468,738			101,073	332	109,846	9.10	6
1885	38,232,155			100,320	332	115,157	8.68	7
1886	38,950,932			103,044	279	139,609	7.16	7
1887	42,156,300			106,517	316	133,406	7.50	7
1888	46,635,037			122,218	364	128,118	7.81	8
1889	43,650,768			119,646	397	109,952	9.09	8
1890	44,986,286			119,919	378	119,011	8.40	7
1891	49,701,322			123,308	428	116,125	8.61	8
1892	51,226,978			130,300	418	122,553	8.16	8
1893	52,841,110			138,069	456	115,880	8.63	8
1894	50,966,920	386,960		139,939	446	114,276	8.75	8
1895	56,948,756	386,534		143,705	421	135,270	7.39	8
1896	53,843,250	527,809		150,088	502	107,257	9.32	8
1897	52,581,036	732,743		149,557	423	124,305	8.04	8
1898	52,812,675	697,759		142,420	411	129,498	7.78	8
1899	60,518,331	1,055,426		140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170		143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864		147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792		148,139	300	137,803	7.26	8
1903	75,232,585	4,119,258		151,827	518	145,237	6.89	15
1904	73,594,369	3,440,420		161,330	595	123,688	8.08	15
1905	78,647,020	3,897,688		168,254	644	122,123	8.19	15
1906	72,139,510	4,880,402		166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169		168,774	708	121,549	8.23	20
1908	83,543,243	4,635,923		174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562		171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167		168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457		173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161		175,098	601	140,477	7.12	21
1913	91,626,964	2,934,157		175,310	624	146,838	6.81	21
1914	91,189,641	2,702,537		180,899	600	151,983	6.58	21
1915	89,377,706	3,418,427		177,339	588	152,003	6.58	21
1916	87,680,198	4,432,606		159,169	565	155,186	6.44	25
1917	100,445,299	6,408,277		156,148	581	172,883	5.78	25
1918	99,445,794	7,246,454		148,226	556	178,859	5.59	25
1919	87,838,024	3,616,675		153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697		149,117	490	182,931	5.47	25
1921	90,358,642	1,842,096		161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402		159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,141,796		162,503	496	175,963	5.68	22

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Employees	Fatal- ities	Produc- tion fatality	Fatal- ities per million	No. of ins- pec- tors
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572		138,400	384	153,946	6.50	25
1932	49,501,511	1,062,853	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,256	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,947	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,438	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955**	25,934,792	3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2.34	20
1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	2,418,433	7,279,371	16,971	19	868,769	1.15	23
1962	16,496,315	2,829,421	6,942,675	14,704	26	634,474	1.58	22
1963	17,411,202	2,965,213	7,552,995	14,323	30	580,373	1.72	22
1964	16,524,687	3,013,307	7,248,900	13,584	24	688,529	1.45	22
1965	14,229,817	2,661,189	5,996,536	11,839	8	1,778,727	0.56	21

* Included in total production.
No accurate record previous to 1870.
† No accurate record previous to 1894.
% No accurate record previous to 1932.
** In 1955 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.

THIRTY-SEVEN YEAR STUDY OF ANTHRACITE, BY COUNTIES #

Table with columns: YEAR, CARBON, COLUMBIA, DAUPHIN, LACKAWANNA, LUZERNE, NORTHUMB., SCHUYLKILL, SULLIVAN, SUSQUE., WAYNE, DIVISION. Includes a 'Total production (net tons)' label on the left side of the table.

THIRTY-SEVEN YEAR STUDY OF ANTHRACITE, BY COUNTIES #

Table with columns: YEAR, CARBON, COLUMBIA, DAUPHIN, LACKAWANNA, LUZERNE, NORTHUMB., SCHUYLKILL, SULLIVAN, SUSQUE., WAYNE, DIVISION. Includes an 'Empl-oyes' label on the left side of the table.

THIRTY-SEVEN YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	1,325,996	498,917	566,352	9,879,932	17,094,203	4,008,190	10,214,942	85,557	350,847	20,205	44,054,141
1930	738,578	257,535	371,794	7,689,354	12,990,705	3,010,032	6,482,976	38,484	52,749	43,458	31,675,665
1931	730,607	230,208	349,013	6,288,064	10,359,468	2,100,810	4,748,290	38,404	46,601	67,648	24,959,113
1932	537,711	160,097	276,268	5,011,732	7,724,183	1,822,717	3,516,543	67,632	25,763	31,228	19,173,874
1933	455,966	157,495	244,098	4,462,932	7,539,709	1,681,984	3,601,752	54,129	38,976	64,680	18,301,721
1934	756,434	206,878	248,595	5,384,563	8,991,190	1,958,718	4,097,456	88,891	53,800	56,430	21,842,955
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	87,390	44,585	18,814,287
1936	781,883	367,474	141,498	4,439,859	8,048,873	1,606,329	3,598,172	127,098	4,275	39,496	19,154,957
1937	725,560	378,726	176,737	3,564,769	8,680,115	1,395,236	3,406,363	52,506	13,648	9,714	18,403,374
1938	783,486	372,549	175,948	3,162,859	7,699,347	1,316,707	3,039,160 a	28,581	3,570	3,257	16,585,464
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408 b	21,382	43,656	2,735	17,225,261
1940	789,147	322,265	176,868	3,288,238	7,959,512	1,328,685	3,067,419 c	24,683	20,590	2,414	16,979,821
1941	846,859	274,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577 d	27,035	5,708	2,544	17,676,304
Man-days 1942	1,021,633	349,214	21,313	3,462,164	10,163,813	1,535,344	3,972,274 e	21,884	8,066	9,432	20,565,137
1943	1,156,102	351,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538 f	39,286	3,276	*	21,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,681,792	5,125,620 g	59,589	*	*	22,809,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602 h	53,892	5,054	*	20,229,484
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	16,225	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
1948	1,259,080	319,830	12,152	3,409,360	9,641,708	1,725,123	5,130,772 i	28,335	7,704	*	21,534,064
1949	870,672	511,400	9,553	2,618,620	6,578,335	1,405,854	4,338,959 j	12,760	16,320	*	16,362,473
1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437 k	14,265	30,131	*	17,600,000
1951	738,600	369,305	27,540	2,420,001	6,110,011	1,693,285	4,340,356 m	13,652	2,250	*	15,715,000
1952	699,734	301,122	10,857	2,041,500	5,989,000	1,149,720	3,790,865 n	12,970	-	-	13,995,768
1953	502,738	211,212	9,945	1,397,249	4,483,055	880,576	2,676,234 o	8,875	-	-	10,169,884
1954	367,751	164,373	15,110	839,153	3,085,312	948,934	2,264,934	5,849	-	-	7,691,416
1955 #	377,622	152,351	31,643	842,613	3,015,005	519,882	1,768,767 p	1,953	-	-	6,709,836
1956	414,159	202,062	45,290	983,114	2,982,331	666,321	2,009,587 q	2,142	-	544	7,305,590
1957	267,133	213,100	39,381	825,397	2,364,990	670,183	1,803,776	1,820	-	-	6,185,180
1958	146,841	181,801	32,798	555,748	1,812,300	558,029	1,574,124 s	4,286	600	3,618	4,870,145
1959	88,229	142,597	32,264	602,415	1,370,903	535,469	1,382,621 t	2,950	-	536	4,157,984
1960	77,790	77,423	33,350	531,703	1,274,306	486,175	1,151,822 u	4,500	340	900	3,638,309
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644 v	4,176	363	696	3,321,787
1962	79,582	64,902	33,008	299,472	997,943	390,864	1,123,798 w	2,159	368	246	2,992,342
1963	102,359	55,766	38,158	259,189	1,098,611	432,184	1,100,426 x	1,730	-	2,576	3,090,999
1964	68,057	104,052	37,552	250,347	1,057,471	408,207	1,002,987 y	1,624	-	310	2,930,607
1965	35,696	61,212	27,274	166,990	852,831	297,408	811,710 z	2,693	660	360	2,256,834

THIRTY-SEVEN YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1931	176	178	198	185	175	185	185	66	183	198	180
1932	139	161	167	169	154	181	164	96	57	106	160
1933	134	156	191	209	170	211	167	75	192	127	179
1934	174	218	221	235	192	240	195	174	269	270	206
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	181	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168 a	103	85	163	171
1939	175	164	205	180	190	194	175 b	100	186	144	185
1940	180	194	204	195	183	180	191 c	132	142	142	187
1941	190	184	221	205	196	217	196 d	188	154	159	199
1942	230	235	39	241	259	236	234 e	210	212	219	246
1943	267	267	287	273	277	259	258 f	239	234	*	269
1944	293	292	312	300	304	262	274 g	282	*	*	292
1945	265	267	261	270	274	258	250 h	260	174	*	265
1946	262	234	74	275	278	257	251	217	272	*	266
1947	269	270	139	272	283	269	277	183	255	-	277
1948	272	163	199	279	281	265	250 i	202	188	-	268
1949	197	291	115	224	188	234	216 j	123	260	-	207
1950	220	280	195	235	205	280	250 k	140	280	-	220
1951	193	227	180	250	222	240	241 m	192	250	-	233
1952	213	222	224	240	238	210	215 n	206	-	-	211
1953	168	163	140	164	187	178	177 o	146	-	-	179
1954	148	172	210	119	179	232	178	55	-	-	172
1955 #	172	136	156	171	209	119	175 p	97	-	-	179
1956	198	183	216	223	210	210	205 q	306	-	68	209
1957	141	186	206	192	190	207	189	260	-	-	189
1958	175	171	196	161	188	185	185 s	171	200	201	182
1959	144	167	155	186	163	187	175 t	134	-	134	172
1960	102	133	160	181	212	173	166 u	214	85	90	180
1961	227	166	160	202	222	242	192 v	261	121	116	196
1962	235	168	148	197	219	185	203 w	166	184	41	204
1963	264	152	204	209	237	217	200 x	133	-	184	216
1964	204	190	200	214	233	210	208 y	85	-	62	216
1965	187	188	171	168	223	180	196 z	158	330	120	191

THIRTY-SEVEN YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	11	11	7	125	193	38	110	-	1	-	496
1930	11	-	5	108	164	29	123	-	1	3	444
1931	6	4	4	116	151	32	67	1	-	3	384
1932	3	1	8	59	116	13	42	-	-	1	243
1933	3	-	1	59	110	14	43	2	-	-	232
1934	7	4	2	59	114	24	47	1	2	-	260
1935	4	3	7	50	123	16	61	3	-	-	267
1936	4	-	2	50	137	14	34	-	-	-	241
1937	5	6	9	35	102	15	38	1	-	1	212
1938	6	4	5	49	102	13	44	-	-	-	223
1939	7	5	3	46	108	13	27	-	1	-	210
1940	6	2	3	35	93	10	33	-	-	-	182
1941	8	2	2	37	98	7	35	-	-	-	189
1942	4	6	-	35	128	16	36	-	-	-	225
1943	7	5	-	36	103	13	54	-	-	-	218
1944	12	4	1	37	70	15	32	-	-	-	171
1945	6	6	-	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	-	25	104	13	15	-	-	-	166
1948	5	3	-	19	65	5	34	-	-	-	131
1949	3	1	-	8	60	2	18	-	-	-	92
1950	4	2	-	8	52	9	11	-	-	-	86
1951	4	3	-	13	44	8	22	-	-	-	94
1952	8	5	-	10	37	10	22	-	-	-	92
1953	3	1	-	7	30	3	15	-	-	-	59
1954	1	2	-	7	27	2	8	-	-	-	47
1955 #	5	-	-	5	32	6	12	-	-	-	60
1956	4	-	-	7	23	6	14	-	-	-	54
1957	3	4	1	7	20	6	10	-	-	-	51
1958	-	1	-	2	15	4	9	-	-	-	31
1959	1	2	-	6	24	4	9	-	-	-	46
1960	1	1	-	11	14	3	5	-	-	-	35
1961	1	-	-	1	10	3	4	-	-	-	19
1962	-	-	-	-	11	1	14	-	-	-	26
1963	1	1	-	3	12	4	9	-	-	-	30
1964	-	-	-	1	7	8	8	-	-	-	24
1965	-	2	1	-	2	1	2	-	-	-	8

Fatal-
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THIRTY-SEVEN YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	241,347	94,975	159,007	163,139	179,851	189,672	174,893	-	655,000	-	175,963
1930	159,467	-	173,473	141,786	167,415	232,734	127,425	-	91,296	40,994	154,902
1931	314,347	216,356	189,069	110,074	157,395	179,024	192,922	75,542	-	52,502	153,946
1932	607,304	497,966	84,135	198,801	166,621	369,938	249,515	-	-	124,196	203,710
1933	536,803	-	652,057	187,972	180,559	364,479	238,419	63,051	-	-	213,395
1934	293,953	229,380	315,918	210,861	188,056	240,296	274,722	189,070	89,618	-	218,458
1935	425,755	274,934	78,495	208,745	171,213	341,830	176,426	59,711	-	-	192,356
1936	468,449	-	200,379	223,094	155,584	372,014	362,748	-	-	-	225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	99,879	-	102,858	243,869
1938	324,629	289,478	85,174	172,241	199,664	314,676	222,141	-	-	-	207,487
1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138	-	124,791	-	244,761
1940	362,558	513,183	168,519	264,556	243,785	449,946	340,672	-	-	-	283,112
1941	300,218	532,736	172,773	242,536	248,127	704,868	337,776	-	-	-	285,408
1942	699,200	166,354	-	266,983	201,307	330,995	375,568	-	-	-	257,509
1943	450,120	172,203	-	254,157	233,812	420,242	322,150	-	-	-	277,577
1944	303,740	286,985	299,349	254,796	354,429	382,896	588,581	-	-	-	374,927
1945	557,543	186,871	-	299,371	397,609	384,697	522,853	187,007	-	-	405,081
1946	527,701	242,959	-	335,494	288,236	528,566	495,037	105,862	-	-	366,738
1947	733,452	301,577	-	341,527	211,452	521,504	1,083,979	-	-	-	350,771
1948	560,379	559,832	-	453,204	332,182	1,387,468	508,104	-	-	-	451,212
1949	708,894	1,380,732	-	777,718	266,497	2,600,245	752,121	-	-	-	485,980
1950	497,079	640,904	-	815,808	329,091	579,034	1,278,772	-	-	-	538,829
1951	473,509	328,392	-	444,293	338,237	718,746	591,867	-	-	-	450,947
1952	237,412	152,139	-	530,355	372,296	532,615	589,890	-	-	-	435,512
1953	520,612	745,649	-	507,949	340,064	1,415,854	676,192	-	-	-	516,871
1954	1,272,419	284,366	-	414,781	395,377	1,641,657	979,584	-	-	-	566,219
1955 #	349,938	-	-	518,986	310,040	458,231	671,472	-	-	-	432,247
1956	436,572	-	-	461,795	424,468	587,476	628,672	-	-	-	521,771
1957	369,014	212,620	195,499	382,916	419,463	569,269	851,832	-	-	-	493,401
1958	-	888,009	-	1,047,085	451,602	650,208	811,982	-	-	-	659,886
1959	518,252	346,112	-	357,971	257,197	637,901	1,061,726	-	-	-	427,622
1960	519,583	474,234	-	168,455	384,335	804,866	1,386,229	-	-	-	506,318
1961	579,106	-	-	1,194,971	530,795	668,093	1,703,547	-	-	-	868,769
1962	-	-	-	-	553,688	1,702,891	469,279	-	-	-	634,474
1963	727,455	445,749	-	321,491	534,365	520,742	720,548	-	-	-	580,373
1964	-	-	-	879,898	807,129	283,385	747,312	-	-	-	688,529
1965	-	208,136	196,495	-	2,673,338	1,600,886	2,747,459	-	-	-	1,778,727

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THIRTY-SEVEN YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	8.30	22.05	12.36	12.65	11.29	9.48	10.77	-	2.85	-	11.26
1930	14.89	-	13.45	14.05	12.62	9.63	18.97	-	18.96	69.03	14.02
1931	8.21	17.38	11.46	18.45	14.58	15.23	14.11	26.04	-	44.35	15.39
1932	5.58	6.25	28.96	11.77	15.02	7.13	11.94	-	-	32.02	12.67
1933	6.58	-	4.10	13.22	14.59	8.32	11.94	36.95	-	-	12.68
1934	9.25	19.34	8.05	10.96	12.68	12.25	11.47	11.25	37.17	-	11.90
1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	-	-	14.19
1936	5.12	-	14.13	11.26	17.02	8.71	9.45	-	-	-	12.58
1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	19.04	-	102.94	11.52
1938	7.66	10.74	28.42	15.49	13.25	9.87	14.48	-	-	-	13.45
1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35	-	22.91	-	12.19
1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76	-	-	-	10.72
1941	9.45	7.29	15.41	12.08	11.41	4.73	10.73	-	-	-	10.69
1942	3.92	17.18	-	10.11	12.59	10.42	9.06	-	-	-	10.94
1943	6.05	14.24	-	10.08	10.40	7.74	11.59	-	-	-	10.19
1944	8.30	8.00	21.51	9.99	6.83	8.92	6.24	-	-	-	7.50
1945	4.94	11.49	-	8.78	5.88	8.57	6.69	18.56	-	-	6.82
1946	4.99	11.84	-	8.16	8.23	7.63	7.34	25.41	-	-	7.88
1947	3.03	7.98	-	7.39	10.83	7.26	2.66	-	-	-	7.41
1948	3.97	9.38	-	5.57	6.74	2.90	6.63	-	-	-	6.08
1949	3.45	1.96	-	3.06	9.12	1.42	4.15	-	-	-	5.62
1950	4.86	3.80	-	3.15	7.83	4.59	2.18	-	-	-	4.89
1951	5.42	8.12	-	5.37	7.20	4.72	5.07	-	-	-	5.98
1952	11.43	16.60	-	4.90	6.18	8.70	5.80	-	-	-	6.57
1953	5.97	4.73	-	5.01	6.69	3.41	5.60	-	-	-	5.80
1954	2.72	1.22	-	8.34	8.75	2.11	3.53	-	-	-	6.11
1955 #	13.24	-	-	5.93	10.61	11.54	6.78	-	-	-	8.94
1956	9.66	-	-	7.12	7.71	9.00	6.97	-	-	-	7.39
1957	11.23	18.77	25.39	8.48	8.46	8.95	5.54	-	-	-	8.25
1958	-	5.50	-	3.60	8.28	7.17	5.72	-	-	-	6.37
1959	11.33	14.03	-	9.96	17.51	7.47	6.51	-	-	-	11.06
1960	12.86	12.92	-	20.68	10.99	6.17	4.34	-	-	-	9.62
1961	12.65	-	-	2.28	8.77	7.35	3.47	-	-	-	5.72
1962	-	-	-	-	11.02	2.56	12.46	-	-	-	8.69
1963	9.77	17.93	-	11.57	10.92	9.26	8.18	-	-	-	9.71
1964	-	-	-	3.99	6.62	19.60	7.98	-	-	-	8.19
1965	-	32.67	36.66	-	2.35	3.36	2.46	-	-	-	3.54

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EXPLANATION OF SYMBOLS USED IN THIS REPORT

a -	Includes	6,184 tons	13 employees,	124 days and	1,612 man-days	for Lebanon County
b -	"	13,927	" 5	"	990	"
c -	"	17,330	" 13	"	136	"
d -	"	30,716	" 26	"	187	"
e -	"	35,641	" 39	"	118	"
f -	"	21,981	" 22	"	257	"
g -	"	21,550	" 14	"	210	"
h -	"	37,690	" 41	"	241	"
i -	"	21,982	" 6	"	223	"
j -	"	21,763	" 7	"	226	"
k -	"	22,978	" 5	"	267	"
l -	"	26,567	" 13	"	308	"
m -	"	24,767	" 11	"	286	"
n -	"	6,560	" 10	"	46	"
o -	"	3,752	" 20	"	120	"
p -	"	6,359	" 22	"	107	"
q -	"	3,550	" 5	"	188	"
r -	"	9,106	" 6	"	98	"
s -	"	4,450	" 6	"	153	"
t -	"	2,770	" 7	"	98	"
u -	"	13,654	" 3	"	72	"
v -	"	13,101	" 5	"	118	"
w -	"	26,192	" 15	"	192	"
x -	"	33,019	" 14	"	124	"
y -	"	43,000	" 10	"	163	"
z -	"	"	"	"	"	"

NOTE: The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are a part of this report.

* Not segregated from Lackawanna County.

In 1955, and subsequent years, the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.

ANTHRACITE DIVISION
DEEP MINES, STRIPPING AND BANK
EMPLOYEES AND FATALS

BY COUNTY
1965

Counties	Production of Mines Employing Five or More Persons			Production of Mines Employing Fewer Than Five Persons		Percentage of Total Production	Employees by County					Washery and Breaker	Total Em- ploy- es	Total Fatal- ities
	Deep	Stripping	Bank	Deep Mined	Total Production		Deep	Small Deep	Total Deep	Strip	Bank			
Carbon	35,749	267,048	139,869	2,160	444,826	3.13%	25	4	29	127	28	16	200	-
Columbia	67,743	225,555	88,020	34,954	416,272	2.92%	46	70	116	134	18	20	288	2
Dauphin	10,378	2,436	146,039	37,642	196,495	1.36%	10	74	84	9	9	57	159	1*
Lackawanna	279,235	326,128	49,884	5,311	660,558	4.64%	533	23	556	201	55	180	992	-
Lebanon	-	43,000	502	-	43,502	0.31%	-	-	-	8	1	1	10	-
Luzerne	2,396,901	1,847,430	1,098,344	4,001	5,346,676	37.57%	2,216	8	2,224	765	461	717	4,167	2
Northumberland	417,462	399,076	454,959	329,389	1,600,886	11.25%	434	551	985	321	63	278	1,647	1
Schuylkill	1,671,489	2,863,375	681,177	278,877	5,494,918	38.62%	1,289	604	1,893	1,317	178	965	4,353	2*
Sullivan	608	22,488	-	-	23,096	0.16%	2	-	2	13	-	2	17	-
Susquehanna	-	-	2,395	-	2,395	0.01%	-	-	-	-	2	1	3	-
Wayne	-	-	-	193	193	0.01%	-	3	3	-	-	-	3	-
Division Total	4,879,565	5,996,536	2,661,189	692,527	14,229,817	100.00%	4,555	1,337	5,892	2,895	815	2,237	11,839	8*

Percentage of Total Production 34.29% 42.14% 18.70% 4.87% 100.00%

NOTE: * Includes Two (2) Fatalities Chargeable to Deep Mines Employing Fewer Than Five (5) Persons.

ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK), FATALITIES, PRODUCTION PER FATAL AND EMPLOYEES
BY DISTRICT
1965

Dist- rict	Inspector	Deep Mined	Stripping	Bank	Total Production	Fatal- ities Deep	Fatal- ities Strip	Fatal- ities Bank	Total Fatal- ities	Production Per Fatal	TOTAL EMPLOYEES
1	T. M. Beane	-	1,240,029	-	1,240,029	-	-	-	-	-	632
2	R. O. Schneider	-	2,021,803	-	2,021,803	-	-	-	-	-	778
3	J. R. Ruane	-	1,567,614	-	1,567,614	-	-	-	-	-	936
4	Walter Davis	-	1,167,090	-	1,167,090	-	-	-	-	-	555
10	W. A. Sanders	310,225	-	196,917	507,142	-	-	-	-	-	1,174
11	G. F. Kettle	1,461,177	-	310,925	1,772,102	1	-	-	1	1,772,102	1,467
12	J. A. Bugel	124,000	-	166,247	290,247	-	-	-	-	-	183
13	W. R. Devens	889,742	-	5,644	895,386	1	-	-	1	895,386	1,058
15	A. A. Joyce	55,323	-	671,329	726,652	-	-	-	-	-	615
16	F. C. O'Connor	568,658	-	-	568,658	-	-	-	-	-	384
17	C. E. Kashner	99,982	-	36,717	136,699	-	-	-	-	-	83
18	J. J. Shober, Jr.	156,833	-	236,776	393,609	-	-	-	-	-	341
19	A. J. Latz	127,828	-	104,910	232,738	-	-	-	-	-	348
20	G. P. Gallagher	66,960	-	205,085	272,045	2	-	-	2	136,022	125
21	C. E. Miller	208,425	-	8,000	216,425	-	-	-	-	-	245
23	J. P. Brophy	76,694	-	-	76,694	-	-	-	-	-	91
24	A. E. Hand	127,117	-	85,122	212,239	1	-	-	1	212,239	412
26	P. P. Hino	81,140	-	477,080	558,220	-	-	-	-	-	542
28	Leon Brass	92,211	-	-	92,211	-	-	-	-	-	81
29	H. R. Reese	-	-	128,035	128,035	-	-	-	-	-	11
30	W. D. Maurer	433,250	-	28,402	461,652	1	-	-	1	461,652	441
Subtotal		4,879,565	5,996,536	2,661,189	13,537,290	6	-	-	6	2,256,215	10,502
LTFM		692,527	-	-	692,527	2	-	-	2	346,263	1,337
Division Total		5,572,092	5,996,536	2,661,189	14,229,817	8	-	-	8	1,778,727	11,839

LTFM - Denotes Mines Employing Less Than Five (5) Men.

SUMMARY OF ANTHRACITE MINES, PRODUCTION AND FATALITIES BY DISTRICT
1965

Dist- rict	Inspector	Total Number of Operators	No. of Deep Mines	No. of Small Deep Mines*	No. of Strip Mines	No. of Banks	Total Number of Mines	No. of Gaseous Mines	No. of Non- Gaseous Mines	Deep Em- ployes*	Strip Em- ployes	Bank Em- ployes	Washery & Breaker Em- ployes	Total No. of Em- ployes	Deep Mined Production*	Strip Mined Production	Bank Mined Production	Total Production	Fa- tals	Pro- duction Per Fatal
1	T. M. Beane	27	-	-	57	-	57	-	-	-	626	-	6	632	-	1,240,029	-	1,240,029	-	-
2	R. O. Schneider	9	-	-	40	-	40	-	-	-	778	-	-	778	-	2,021,803	-	2,021,803	-	-
3	J. R. Ruane	28	-	-	73	-	73	-	-	-	936	-	-	936	-	1,567,614	-	1,567,614	-	-
4	Walter Davis	28	-	-	51	-	51	-	-	-	555	-	-	555	-	1,167,090	-	1,167,090	-	-
10	W. A. Sanders	50	30	9	-	24	54	13	17	583	-	282	335	1,200	315,729	-	196,917	512,646	-	-
11	G. F. Kettle	7	8	-	-	6	14	8	-	1,235	-	80	152	1,467	1,461,177	-	310,925	1,772,102	1	1,772,102
12	J. A. Bugel	58	50	35	-	4	54	8	42	200	-	14	73	287	177,386	-	166,247	343,633	10	343,633
13	W. R. Davens	2	9	-	-	1	10	9	-	945	-	15	98	1,058	889,742	-	5,644	895,386	1	895,386
15	A. A. Joyce	43	27	20	-	16	43	1	26	133	-	149	390	672	77,853	-	671,329	749,182	-	-
16	F. C. O'Connor	44	43	9	-	-	43	19	24	335	-	-	76	411	586,609	-	-	586,609	-	-
17	C. E. Kashner	33	44	31	-	1	45	11	33	150	-	5	24	179	191,618	-	36,717	228,335	-	-
18	J. J. Shober, Jr.	77	57	41	-	10	67	8	49	224	-	83	178	455	211,013	-	236,776	447,789	-	-
19	A. J. Latz	74	58	45	-	7	65	11	47	252	-	32	193	477	178,377	-	104,910	283,287	-	-
20	G. P. Gallagher	59	50	43	-	5	55	13	37	177	-	34	44	255	117,270	-	205,085	322,355	2	161,177
21	C. E. Miller	57	58	34	-	1	59	7	51	307	-	4	34	345	262,836	-	8,000	270,836	-	-
23	J. P. Brophy	36	37	31	-	-	37	5	32	184	-	-	4	188	117,439	-	-	117,439	-	-
24	A. E. Hand	32	17	13	-	2	19	1	16	248	-	20	186	454	145,039	-	85,122	230,161	1	230,161
26	P. P. Hino	65	50	37	-	14	64	9	41	208	-	110	337	655	131,561	-	477,080	608,641	10	608,641
28	Leon Brass	36	37	29	-	-	37	10	27	183	-	-	13	196	206,522	-	-	206,522	-	-
29	H. R. Reese	39	36	36	-	1	37	1	35	103	-	4	7	114	31,089	-	128,035	159,124	-	-
30	W. D. Maurer	62	61	30	-	2	63	15	46	425	-	13	87	525	470,832	-	28,402	499,234	1	499,234
Division Total		866#	672	443*	221	94	987	149	523	5,892*	2,895	815	2,237	11,839	5,572,092*	5,996,536	2,661,189	14,229,817	88	1,778,727

NOTE: # Due to some companies operating in more than one district, the actual total number of Anthracite Operators is 772.
 Due to some companies operating in more than one district, the actual total number of Anthracite Strip Operators is 88.
 * 443 Small Deep Mines are included in the total number of Deep Mines; 1,337 Small Deep Employees are included in Deep Employees; 692,527 Small Deep Production is included in Deep Mined Production.
 ● Includes fatalities which occurred in Deep Mines Employing Fewer Than Five (5) Persons.

Production, How Shipped, Average Days Worked, Employees, Explosives
Fatal and Non-fatal Accidents

By Inspection District - 1965

For Mines Employing More Than Five Persons

Dist- rict	Production - Net Tons				Total production	Pounds permis- sible ex- plosives used	Pounds dynamite used	Days Worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
	Shipped to Market By railroad	Sold to local trade	Used at colliery for steam and heat	Used at colliery for steam and heat							
1	594,424	288,644	349,781	7,180	1,240,029	12,666,013	196,645	245	632	-	25
2	982,434	800,537	231,750	7,082	2,021,803	-	14,114,310	220	778	-	25
3	708,606	721,285	136,187	1,536	1,567,614	-	17,287,664	144	936	-	39
4	669,722	261,042	235,278	1,048	1,167,090	9,243,142	175,830	116	555	-	24
10	134,105	227,586	144,783	668	507,142	266,434	14,775	177	1,174	-	83
11	729,483	673,732	312,632	56,255	1,772,102	1,389,750	28,150	180	1,467	1	288
12	133,733	113,229	42,847	438	290,247	72,460	-	230	183	-	13
13	556,771	146,426	191,445	744	895,386	876,400	11,750	220	1,058	1	187
15	520,566	164,992	37,782	3,312	726,652	55,450	155	174	615	-	18
16	169,708	281,299	115,889	1,762	568,658	351,000	-	250	384	-	34
17	44,679	30,302	61,704	14	136,699	42,850	800	266	83	-	3
18	124,874	207,602	55,226	5,907	393,609	86,600	9,050	212	341	-	25
19	41,368	154,982	35,865	523	232,738	79,625	16,050	193	348	-	32
20	83,333	105,456	80,780	2,476	272,045	44,762	400	206	125	2	3
21	61,474	118,752	35,816	383	216,425	155,200	800	214	245	-	13
23	14,780	28,540	33,374	-	76,694	57,775	-	180	91	-	4
24	38,046	129,651	43,401	1,141	212,239	88,575	-	249	412	1	23
26	382,996	98,161	75,830	1,233	558,220	62,010	30,975	178	542	-	62
28	17,914	60,005	14,292	-	92,211	53,000	-	269	81	-	-
29	128,035	-	-	-	128,035	-	-	257	11	-	-
30	133,695	193,135	133,548	1,274	461,652	298,450	750	235	441	1	44
Total	6,270,746	4,805,358	2,368,210	92,976	13,537,290	25,889,496	31,888,104	196	10,502	6	945

SUMMARY OF REPORT COVERING
MINES EMPLOYING FEWER THAN FIVE PERSONS

1965

Dist- rict	Number of Operators	Number of Mines	Total Production	Days Worked	Employees	Fatal Accidents	Production Per Fatal	Non-fatal Accidents
10	9	9	5,504	163	26	-	-	-
11	-	-	-	-	-	-	-	-
12	34	35	53,386	147	104	1	53,386	-
13	-	-	-	-	-	-	-	-
15	18	20	22,530	140	57	-	-	-
16	9	9	17,951	173	27	-	-	-
17	26	31	91,636	196	96	-	-	-
18	40	41	54,180	141	114	-	-	1
19	45	45	50,549	134	129	-	-	2
20	43	43	50,310	115	130	-	-	-
21	34	34	54,411	127	100	-	-	-
23	29	31	40,745	165	97	-	-	-
24	13	13	17,922	135	42	-	-	-
26	37	37	50,421	168	113	1	50,421	1
28	27	29	114,311	198	115	-	-	-
29	36	36	31,089	128	103	-	-	-
30	28	30	37,582	124	84	-	-	2
Division Total	428	443	692,527	149	1,337	2	346,263	6

ANTHRACITE DIVISION

Dist- rict	Mechanical Loading			Number of Tons Produced by Mechanical Loading	Number of Employees Engaged in this class of work	Electric Motors		Pumps Delivering Water to Surface	
	Number of Scrapers, Conveyors or Shaker Chutes	Number of Under- cutting or Mining Machines	Number of Loading Machines			Total Number	Total Horse- power	Total Number	Number of Gallons delivered per day of 24 hours
1	-	-	-	-	-	18	948	2	14,400,000
2	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	1	686,040
10	115	-	6	261,573	308	790	30,960	11	15,977,000
11	195	2	7	621,524	347	587	33,844	20	27,720,819
12	1	-	4	129,039	9	211	2,954	27	1,025,050
13	145	1	10	883,539	506	761	27,720	13	3,975,000
15	15	-	-	45,312	32	631	19,582	12	12,901,900
16	15	-	-	72,133	16	341	9,564	56	2,517,600
17	5	-	-	57,746	22	81	2,725	11	559,300
18	12	-	-	65,516	20	349	10,224	16	159,400
19	11	-	-	43,234	33	521	10,108	14	5,087,655
20	6	-	6	209,735	15	118	3,121	8	3,142,000
21	17	-	2	95,653	51	178	2,906	32	1,503,500
23	4	-	-	12,001	16	45	2,174	7	1,571,326
24	35	-	-	191,609	150	427	7,013	12	4,011,162
26	6	-	3	31,399	28	522	17,491	8	10,827,012
28	5	-	2	33,344	10	52	1,408	7	58,100
29	3	-	5	175,291	6	13	140	1	19,000
30	6	-	1	30,834	30	347	8,165	37	3,368,100
Total	596	3	46	2,959,482	1,599	5,992	191,047	295	109,509,964

SUMMARY OF EMPLOYES BY DISTRICT
ANTHRACITE DIVISION -- 1965

District	INSIDE EMPLOYES					OUTSIDE EMPLOYES					GRAND TOTAL Inside & Outside
	Mine Foreman	Miners	Miners Laborers	All Other	Total Inside	Super-intendents	Office	Breaker	All Other	Total Outside	
1	-	-	-	-	-	51	19	6	556	632	632
2	-	-	-	-	-	60	26	-	692	778	778
3	-	-	-	-	-	73	9	-	854	936	936
4	-	-	-	-	-	53	4	-	498	555	555
10	37	126	216	73	452	36	30	335	321	722	1,174
11	46	267	421	272	1,006	12	13	152	284	461	1,467
12	14	45	11	2	72	6	-	73	32	111	183
13	22	152	344	233	751	11	7	98	191	307	1,058
15	6	40	12	6	64	5	3	390	153	551	615
16	40	168	13	34	255	3	-	76	50	129	384
17	7	28	6	4	45	1	-	24	13	38	83
18	17	54	8	4	83	11	1	178	68	258	341
19	17	62	16	4	99	4	-	193	52	249	348
20	8	19	11	-	38	9	-	44	34	87	125
21	29	88	33	12	162	12	1	34	36	83	245
23	9	50	8	4	71	2	-	4	14	20	91
24	15	125	25	38	203	4	2	186	17	209	412
26	10	41	15	9	75	11	5	337	114	467	542
28	12	28	11	-	51	1	2	13	14	30	81
29	-	-	-	-	-	1	-	7	3	11	11
30	39	146	75	18	278	10	1	87	65	163	441
Total	328	1,439	1,225	713	3,705	376	123	2,237	4,061	6,797	10,502 *

NOTE: * Employes of Deep Mines Employing Fewer Than Five (5) Persons are not included in this report.

ANTHRACITE DIVISION
OPERATORS PRODUCING 50,000 OR MORE TONS
1965

Dist-	Operator	Production
1-10-11-13	Glen Alden Corporation	2,111,988
1-2-3-10-	Lehigh Valley Anthracite, Inc.	1,461,675
11-15-18-26		
3-4-17-18		
19-23-26	Reading Anthracite Co.	1,287,293
2	Greenwood Striping Corporation	762,861
11	Glen Nan Coal Co., Inc.	649,618
2-15-26	Jeddo-Highland Coal Co.	643,678
3-26	Gilberton Coal Co.	436,845
15-20-29	Racho, George	418,181
2	Honeybrook Mines, Inc.	298,050
1-10	Moffat Coal Co., Inc.	227,313
1	Carbondale Coal Co.	223,298
20	State Coal Co., Inc.	192,125
3-26	Capparell Striping & Construction Co., Inc.	161,135
18-19-30	Manbeck Dredging Co., Inc.	153,028
1-11-23-24	Susquehanna Coal Co.	142,510
2-15	Huss, George	133,146
12	Gangloff Brothers	120,000
3-24	Rosini Coal Co.	117,276
13	V-R Coal Corp.	103,603
4-16	Kocher Coal Co., Leon E.	95,271
30	Mercury Coal Co.	90,581
15	Cunningham Coal Co.	89,622
11	San Mining Co., Inc.	80,664
16	Bush Coal Co.	79,698
10	C. B. M. Coal Co.	79,178
3	Kerris & Helfrich, Inc.	75,486
30	Penag Coal Co.	75,208
4-21-30	Anthracite Fine Coals, Inc.	73,156
30	Jewell Ridge Coal Co.	58,612
1	Scranton Excavating Co.	58,529
16	R. & K. Coal Co.	55,882

PRODUCTION AND ACCIDENT RECORD
FOR OPERATORS HAVING A FATALITY

1965

Operator	Deep Mined	Stripping	Bank	Total Production	Fatal Accidents			Total	Non- fatals	Production Per Fatal	Employees
					Deep	Strip	Bank				
Glen Alden Corporation	1,506,524	320,504	284,960	2,111,988	2	-	-	2	357	1,055,994	2,005
Susquehanna Coal Co.	132,130	10,380	-	142,510	1	-	-	1	18	142,510	449
Penag Coal Co.	75,208	-	-	75,208	1	-	-	1	16	75,208	126
M. & W. Coal Co.	17,360	-	-	17,360	2	-	-	2	1	3,680	12
Morgan Coal Co. @	790	-	-	790	1	-	-	1	-	790	4
Vinskie & Hendricks Coal Co. @	50	-	-	50	1	-	-	1	-	50	2
Total production for operators with a fatality	1,732,062	330,884	284,960	2,347,906	8	-	-	8	392	293,488	2,598
Total production for operators without a fatality	3,840,030	5,665,652	2,376,229	11,881,911	-	-	-	-	559	-	9,241
Division Total	5,572,092	5,996,536	2,661,189	14,229,817	8	-	-	8	951	1,778,727	11,839

NOTE: @ Denotes Mines Employing Less Than Five (5) Men.

CAUSES OF ANTHRACITE FATAL ACCIDENTS, BY COUNTY, 1965

	Carbon	Columbia	Dauphin	Lackawanna	Lebanon	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	TOTAL	Percentage of total accidents
<u>INSIDE</u>													
Falls of Roof, Face or Sides	-	-	1@	-	-	2	1	1	-	-	-	5	62.50%
Rush of Mud & Water	-	2	-	-	-	-	-	-	-	-	-	2	25.00%
Fall of Person	-	-	-	-	-	-	-	1@	-	-	-	1	12.50%
Total Inside	-	2	1@	-	-	2	1	2	-	-	-	8	100.00%
<u>OUTSIDE</u>													
No outside fatalities													
GRAND TOTAL	-	2	1	-	-	2	1	2	-	-	-	8	100.00%
Percentage of total accidents	-	25.00%	12.50%	-	-	25.00%	12.50%	25.00%	-	-	-	100.00%	

NOTE: @ Fatalities in mines employing less than five (5) men.

ANTHRACITE FATAL ACCIDENT VICTIMS - 1965

Dist- rict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
13	James Levan	Sheatown, Nanticoke	Glen Alden Corporation (Western Mining Corp., Contr.)	No. 132 Slope-Huber Colliery	Jan. 6	Roof Fall
26	John E. Morgan	Ashland	Vinskie & Hendricks Coal Co.	Buck Slope (Small Mine)	Feb. 17	Drowning
20	Michael Keninitz	Kulpmont	M. & W. Coal Co.	Merriam Slope	Mar. 20	Inrush of water and material
20	Anthony Rompolski	Mount Carmel	M. & W. Coal Co.	Merriam Slope	Mar. 20	Inrush of water and material
12	Lee D. Morgan	Hegins, R. D. #1	Morgan Coal Co.	No. 7 Vein Slope	Apr. 20	Roof Fall
11	Frank R. Grigas	Larksville	Glen Alden Corporation	Wanamie No. 19 Slope	Aug. 6	Roof Fall
24	Michael J. Benedetto	Kulpmont	Susquehanna Coal Co.	No. 14 Slope-Glen Burn Col.	Aug. 27	Roof Fall
30	Irvin E. Huntzinger	Hegins	Penag Coal Co.	No. 2 Slope	Oct. 19	Falling Material

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1965

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1847	Feb.	Spencer	Spencer Coal Co.	Pottsville	Explosion of gas	7
1869	Sep. 6	Avondale	Delaware, Lackawanna & Western Railroad Co.	Plymouth	Mine fire	110
1870	Mar. 22	Potts	Locust Dale Coal Co.	Locust Dale	Boiler explosion	5
	Aug. 10	Heins & Glassmire	Heins & Glassmire	Middleport	Cage fell down shaft	9
	Aug. 29	Preston #3	Preston Coal & Improvement Co.	Girardville	Car fell down slope	7
1871	May 27	West Pittston	Lehigh Valley Railroad Co.	West Pittston	Suffocated by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Cain, Hacker & Cook	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Langdon & Co., R.	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville Shaft Colliery	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Philadelphia & Reading Coal & Iron Co.	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Lehigh & Wilkes-Barre Coal Co.	Audenried	Explosion of gas	6
	Nov. 2	Mill Creek	D. & H. Canal Co.	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Short Mountain & Lehigh Valley Coal Co.	Shamokin	Explosion of gas	5
1882	May 24	Kohinor	Heckscher & Co., R.	Shenandoan	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Philadelphia & Reading Coal & Iron Co.	Shamokin	Mine fire	7
1885	Apr. 6	Cuyler	Heaton & Co., S. M.	Raven Run	Fall of roof	10
	Aug. 11	West End	West End Coal Co.	Mocanaqua	Suffocated by gas from boiler fire	10
	Oct. 21	Plymouth No. 2	D. & H. Coal Co.	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke No. 1	Susquehanna Coal Co.	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Fair Lawn Coal Co.	Scranton	Explosion of gas	6
	Sep. 13	Marvine	D. & H. Coal Co.	Scranton	Suffocated by gas	8
	Nov. 26	Conyngham	D. & H. Coal Co.	Wilkes-Barre	Explosion of gas	12
1887	Apr. 27	Tunnel	Philadelphia & Reading Coal & Iron Co.	Ashland	Suffocated by gas	5
	Oct. 1	Bast	Philadelphia & Reading Coal & Iron Co.	Big Mine Run	Explosion of gas	5
1889	May 9	Kaska, William	L. C. & N. Co.	Middleport	Car fell on cage in shaft	10
1890	Feb. 1	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	8
	Mar. 3	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	8
	Apr. 2	Susquehanna No. 4	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	May 15	Jersey No. 8	Lehigh & Wilkes-Barre Coal Co.	Ashley	Explosion of gas	26
1891	Feb. 4	Spring Mountain No. 1	Spring Mountain Coal Co.	Jeanesville	Drowned-water from old workings	13
	Oct. 23	Richardson	Philadelphia & Reading Coal & Iron Co.	Glen Carbon	Suffocated by gas	7
	Nov. 8	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	12
1892	Apr. 20	Lytile	Lytile Coal Co.	Minersville	Drowned-water from old workings	10
	July 23	York Farm	Lehigh Valley Coal Co.	Pottsville	Explosion of gas	15
1893	Apr. 1	Neilson	Langdon & Co., Inc., A. L.	Shamokin	Mine fire	10

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1947 - 1965

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1893	June 22	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	Sep. 21	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylord	Kingston Coal Co.	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Linderman & Skeer	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Mine fire	5
	Oct. 11	Henry Clay	Philadelphia & Reading Coal & Iron Co.	Shamokin	Boiler explosion	6
1895	Feb. 18	West Bear Ridge	Philadelphia & Reading Coal & Iron Co.	Mahanoy Plane	Explosion of gas	5
	Oct. 7	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	7
1896	June 28	Twin	Newton Coal Co.	Pittston	Fall of roof	58
	Oct. 29	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Philadelphia & Reading Coal & Iron Co.	Wadesville	Crosshead fell down shaft	5
	Sep. 28	Jermyn No. 1	Jermyn & Co.	Rendham	Mine fire	5
	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	6
1898	May 26	Kaska, William	Dodson Coal Co.	Middleport	Drowned-water from old workings	6
	Oct. 1	Midvale	Lehigh Valley Coal Co.	Wilkes-Barre	Mine fire	5
	Nov. 5	Exeter	Lehigh Valley Coal Co.	West Pittston	Car fell on cage in shaft	9
1900	Nov. 9	Buck Mountain	Mill Creek Coal Co.	Mahanoy City	Explosion of gas	7
1901	Oct. 25	Buttonwood	Parrish Coal Co.	Plymouth	Explosion of gas	6
1902	Nov. 29	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	5
1904	Jan. 30	Maple Hill	Philadelphia & Reading Coal & Iron Co.	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of powder & dynamite	5
	May 25	Williamstown	Summit Branch Mining Co.	Williamstown	Suffocated by gas from mine locomotive	10
	Nov. 2	Auchincloss	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Falling down shaft	10
1905	Feb. 18	Lytie	Lytie Coal Co.	Minersville	Fall of roof	5
	Mar. 9	Clear Spring	Clear Spring Coal Co.	West Pittston	Falling down shaft	7
	Apr. 26	Conyngham	D. & H. Coal Co.	Wilkes-Barre	Falling down shaft	10
1906	May 15	Shenandoah City	Philadelphia & Reading Coal & Iron Co.	Shenandoah	Explosion of powder & dynamite	7
	Aug. 6	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	6
1907	Mar. 2	Holden	Delaware, Lackawanna & Western Railroad Co.	Taylor	Explosion of gas	7
1908	June 18	Johnson No. 1	Scranton Coal Co.	Priceburg	Explosion of gas	7
	May 12	Mount Lookout	Temple Iron Co.	Wyoming	Explosion of gas	12
	May 13	Prospect	Lehigh Valley Coal Co.	Midvale	Fall of roof	5
	July 15	Williamstown	Summit Branch Mining Co.	Williamstown	Explosion of powder & dynamite	6
	Aug. 28	Warrior Run	Lehigh Valley Coal Co.	Wilkes-Barre	Mine Cars	6
1909	Mar. 2	Pennsylvania No. 14	Pennsylvania Coal Co.	Pittston	Explosion of gas	8
	Nov. 9	Auchincloss	Glen Alden Coal Co.	Nanticoke	Mine fire	9

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1965

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1910	Jan. 11	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 12	S. Wilkes-Barre No. 5	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	7
1911	Apr. 7	Pancoast	Price-Pancoast Coal Co.	Throop	Mine fire	72
	May 10	Plymouth No. 5	Delaware & Hudson Co.	Dorranctown	Suffocated by gas from underground fire	5
	May 27	Cameron	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	5
	Sept. 12	Marvine	Delaware & Hudson Co.	Scranton	Mine cars	5
	Oct. 3	Drifton No. 2	Coxe Bros. Co., Inc.	Freeland	Cave-in	5
1912	Jan. 9	Parrish	Parrish Coal Co.	Plymouth	Explosion of gas	6
1913	Aug. 2	East Brookside	Philadelphia & Reading Coal & Iron Co.	Tower City	Explosion of gas	20
1914	May 29	Maryd	Maryd Coal Co.	Maryd	Overwinding of cage	6
	Sept. 16	Lehigh No. 4	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	7
	Dec. 9	Diamond	Delaware, Lackawanna & Western Railroad Co.	Scranton	Falling down shaft	13
1915	Feb. 17	Prospect	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	13
1916	Feb. 8	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 9	Hollenback No. 2	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
	Aug. 8	Woodward	Delaware, Lackawanna & Western Railroad Co.	Edwardsville	Explosion of gas	6
1919	June 5	Baltimore Tunnel	Hudson Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	92
	July 8	Lansford	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	8
1921	Mar. 9	Rahn	Lehigh Coal & Navigation Co.	Seek	Explosion of gas	5
1922	Nov. 3	Eddy Creek	Hudson Coal Co.	Scranton	Premature blast	6
1923	Feb. 21	Alliance	Alliance Coal Mining Co.	Middleport	Explosion of gas	5
	June 26	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
	Dec. 8	Mount Jessup No. 2	Mount Jessup Coal Co.	Jessup	Fall of roof	5
1924	June 6	Loomis	Glen Alden Coal Co.	Nanticoke	Explosion of gas	14
1925	May 22	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	7
	Aug. 3	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	10
1926	May 6	Randolph	So. Penn Collieries Co.	Port Carbon	Explosion of gas	5
	July 3	Pettebone	Glen Alden Coal Co.	Kingston	Explosion of gas	7
	Oct. 30	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	9
1927	May 26	Woodward	Glen Alden Coal Co.	Edwardsville	Fall of roof, followed by an explosion of gas	7
1928	May 25	Baltimore No. 5	Hudson Coal Co.	Wilkes-Barre	Explosion of gas	10
1930	Aug. 8	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Fall of roof	8
1931	May 29	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
1935	Jan. 21	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Explosion of gas	13
	May 7	S. Wilkes-Barre	Glen Alden Coal Co.	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1965

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1936	Aug. 24	Clear Spring	Sullivan Trail Coal Co.	West Pittston	Explosion of gas	5
1938	Apr. 27	St. Clair	St. Clair Coal Co.	St. Clair	Explosion of gas	8
	June 2	Volpe	Volpe Mining Co.	Pittston Twp.	Explosion of gas	10
1943	Sep. 24	Primrose	M. & S. Coal Co.	Minersville	Explosion of gas	14
1947	Jan. 15	Nottingham	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	15
	Apr. 10	Schooley	Knox Coal Co.	Exeter Boro.	Explosion of gas	10
	Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
1951	Mar. 29	Buttonwood	Glen Alden Coal Co.	Hanover Twp.	Explosion of gas	5
1952	Mar. 27	Holmes Slope	Cano & Martin, Inc.	Forrestville	Drown - blast blew through to old workings	5
1959	Jan. 22	Ewen	Knox Coal Co.	Port Griffith	Drown - river broke into mine	12

PRODUCTION TABLE

Operators and Collieries	County	District 1 Production - net tons					Total production:	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market By railroad	Sold to local trade	Used at colliery for steam and heat	Sold to local trade	Used at colliery for steam and heat							
Bliss Coal Co. Bliss Strip 35-1RA	Sullivan	-	-	7,168	-	7,168 a	-	1,170	186	3	-	-	
C. B. M. Coal Co. Grassy Island Strip 110-2	Lackawanna	620	650	1,218	15	2,503 b	-	1,050	40	3	-	-	
C. & S. Excavating Co. Underwood Strip 78-2	Lackawanna	5,860	3,880	3,033	129	12,902 c	29,650	2,250	119	9)	-	-	
Underwood Strip 78-1RA	Lackawanna	3,876	6,560	4,257	69	14,762 d	34,150	2,450	150)	-	-	
Underwood Strip 78-3	Lackawanna	680	445	440	-	1,565 f	1,200	500	33)	-	-	
Total		10,416	10,885	7,730	198	29,229	65,000	5,200		9	-	-	
Capone Coal Co. Prospect-Henry Strip 9-2R	Luzerne	2,737	3,770	2,264	51	8,822 e	-	12,200	159	11)	-	2	
Prospect Strip 9-1A2	Luzerne	1,587	991	728	-	3,306 f	-	9,000	39)	-	1	
Prospect Strip 9-1R	Luzerne	2,027	6,038	3,347	-	11,412 g	29,225	9,900	223	7	-	-	
Total		6,351	10,799	6,339	51	23,540	29,225	31,100		18	-	3	
Carbondale Coal Co. Mine Fire Strip 64-1R2A2	Lackawanna	118,457	42,725	61,961	155	223,298	520,300	38,440	254	90	-	5	
No. 1 Cleaning Plant	Lackawanna	-	-	-	-	-	-	-	148	2	-	-	
No. 2 Cleaning Plant	Lackawanna	-	-	-	-	-	-	-	121	2	-	-	
Total		118,457	42,725	61,961	155	223,298 h	520,300	38,440		94	-	5	
Cicio Coal Co. Ontario Strip 96-1	Lackawanna	-	-	21	-	21 i	-	-		24	3	-	
Consolidated Equipment Co. Deweese Strip 93-1	Lackawanna	70	204	611	-	885 i	-	-		83	2	-	
Diamond Colliery Co. Diamond Strip 74-RA1	Lackawanna	2,667	1,666	1,168	55	5,556 f	4,750	550	93	3	-	-	
E. & B. Coal Sales Booth Strip 10-RA	Sullivan	-	-	6,536	-	6,536	-	-	192	3	-	-	
Booth Cleaning Plant	Sullivan	-	-	-	-	-	-	-	214	2	-	-	
Total		-	-	6,536	-	6,536 j	-	-		5	-	-	
E. & H. Coal Co. Ace Strip 101-2	Lackawanna	43	112	335	-	490 k	-	300	110	3	-	-	
Glen Alden Corporation Bliss Strip 30-5A5	Luzerne	7,341	1,163	4,577	81	13,162 l	12,850	2,000	230	20	-	1	
Huber Strip 30-11RA2	Luzerne	-	-	-	-	-	-	-	74	4	-	-	
Huber Strip 30-29A	Luzerne	13,729	3,042	6,299	60	23,130 m	12,200	-	196	6	-	-	
Huber Strip 30-22	Luzerne	-	-	-	-	-	-	-	73	4	-	-	
Loomis Park Strip 30-31A	Luzerne	5,447	841	3,453	86	9,827 n	-	3,360	79	4	-	-	
Loree Strip 30-8R	Luzerne	1,116	172	708	23	2,019 o	-	1,250	78	3	-	-	

Operators and Collieries	County	District 1 Production - net tons					Total production:	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market By railroad	Sold to local trade	Used at colliery for steam and heat	Sold to local trade	Used at colliery for steam and heat							
Glen Alden Corporation (Continued) Loree Strip 30-2RA	Luzerne	25,371	3,919	16,083	245	45,618 o	104,340	2,900	263	18	-	1	
Maffett's Strip 30-15R2A4	Luzerne	19,299	3,025	12,122	310	34,756 p	-	12,600	259	3	-	-	
No. 20 Tunnel Strip 30-26	Luzerne	48	8	31	1	88 p	-	4,750	194)	2)	-	-	
Pine Ridge Strip 30-7R2	Luzerne	2,430	375	1,540	23	4,368 o	-	-			-	-	
Sugar Notch Strip 30-14R2A3	Luzerne	21,821	4,666	10,451	139	37,077 q	32,000	-	287	13	-	-	
Sugar Notch Strip 30-13R2A2	Luzerne	6,916	1,845	2,359	8	11,128 n	13,400	-	291	11	-	-	
Truesdale Strip 30-4R2A2	Luzerne	3,669	567	2,327	46	6,609 o	-	750	186	4	-	-	
Truesdale Strip 30-12R2	Luzerne	28,447	7,495	9,940	35	45,917 r	28,434	800	220	18	-	-	
Wanamie Strip 30-17	Luzerne	4,941	1,286	1,766	7	8,000 s	-	-	16	19	-	1	
Wanamie Strip 30-19R2A3	Luzerne	23,265	5,510	9,749	54	38,578 o	80,000	-	255	20	-	-	
Wanamie Strip 30-23RA2	Luzerne	7,402	1,974	2,524	7	11,907 n	44,500	-	196	18	-	-	
Wanamie Strip 30-21A1	Luzerne	2,377	634	811	3	3,825 n	4,650	-	30	10	-	-	
Wanamie Strip 30-6RA	Luzerne	15,227	4,061	5,193	14	24,495 n	16,000	-	30	4	-	-	
Total		188,846	40,583	89,933	1,142	320,504	348,374	40,910		181	-	3	
Halsey Contracting Co. Boland Strip 27-2	Lackawanna	850	2,444	7,334	11	10,639 i	-	11,750	272	9	-	-	
Heights Coal Co. No. 14 Drifts Strip 8-1	Luzerne	-	-	1,187	-	1,187	-	850	47	4)	-	-	
No. 6 Colliery Strip 8-2	Luzerne	-	-	-	-	-	-	250	19)	-	-	
Total		-	-	1,187	-	1,187 t	-	1,100		4	-	-	
Kaminski Brothers, Inc. Capouse Strip 24-4	Lackawanna	194	1,478	751	-	2,423 u	-	1,550	81	6	-	-	
Lehigh Valley Anthracite, Inc. Gaylord Strip 16-4A2	Luzerne	121,800	79,313	53,912	2,731	257,756	4,950,138	22,000	361	111	-	7	
Baltimore Strip 16-RA2	Luzerne	97,715	63,629	43,252	2,191	206,787	6,577,356	24,000	357	74	-	6	
Total		219,519	142,942	97,164	4,922	464,543 v	11,527,494	46,000		185	-	13	
Meg Coal Co. Bernice Strip 98-1RA	Sullivan	-	-	6,028	-	6,028 w	-	-		100	4	-	
Moffat Coal Co., Inc. Storr's Strip 18-2RA2	Lackawanna	1,109	564	1,581	-	3,254 x	26,800	525	166	12	-	-	
Storr's Strip 18-1R2	Lackawanna	635	437	807	-	1,879 y	-	-	106	10	-	-	
Pyne Strip 18-3	Lackawanna	723	368	1,031	-	2,122 z	1,050	-	118	6	-	-	
Total		2,467	1,369	3,419	-	7,255	27,850	525		28	-	-	
Northwest Mining Co., Inc. Gravity Strip 81-3R	Lackawanna	3,669	639	2,392	-	6,700	89,400	8,250	229	8	-	1	
Powderly Strip 81-1R	Lackawanna	2,454	427	1,600	-	4,481	2,020	1,200	244	5	-	-	
Total		6,123	1,066	3,992	-	11,181 aa	91,420	9,450		13	-	1	

		District 1 Production - net tons					Pounds					Non-
		Shipped to market	Sold to	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents	
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production:						
Oliver, James & Albert Berrice Strip 87-1R	Sullivan	-	-	2,756	-	2,756 bb	-	200	151	3	-	
Pasternak Brothers Ontario Strip 21-1R2A	Lackawanna	756	2,176	6,435	94	9,461 cc	-	12,500	286	5	-	
Penn Can Coal Co. Hilldale Strip 97-1	Luzerne	6,110	3,819	2,801	-	12,730 dd	-	650	108	5	-	
Pioneer Excavating Co. Archbald Strip 85-1	Lackawanna	-	-	65	-	65 i	-	-	16	3	-	
Rock, C. A. Pancoast Strip 116-1	Lackawanna	18	51	156	-	225 ee	-	100	37	5	-	
Scranton Excavating Co. William A. Strip 6-2RA	Luzerne	1,672	4,808	14,427	-	20,907 ff	4,500	350	126	13	-	
William A. Strip 6-3	Luzerne	820	1,358	8,074	-	10,252 gg	1,250	150	74	-	-	
William A. Strip 6-4	Luzerne	13,137	8,211	5,749	273	27,370 hh	1,800	200	110	-	-	
Total		15,629	14,377	28,250	273	58,529	7,550	700				
Slenska Coal Co. Archbald Strip 75-1RA	Lackawanna	-	-	113	-	113 ii	-	-	47	2	-	
Susquehanna Coal Co. Glen Lyon Strip 48-5RA	Luzerne	-	-	-	37	10,380	11,250	1,500	220	6	-	
No. 7 Colliery Strip 48-3R	Luzerne	4,360	4,463	1,520	37	10,380	11,250	1,500				
Total		4,360	4,463	1,520	37	10,380	11,250	1,500				
Turnpike Coal Co. Underwood Strip 32-2R	Lackawanna	10,932	6,835	4,790	227	22,784 f	32,800	4,400	211	17	-	
District Total		594,424	288,644	349,781	7,180	1,240,029	12,666,013	196,645	245	632	25	

- NOTE: (a) 1,289 tons prepared at Booth Cleaning Plant
5,879 tons sold unprepared
(b) 1,130 tons prepared at Pompey Breaker - District 10
1,373 tons prepared at Ace Breaker - District 10
(c) 547 tons prepared at Penbrook Breaker - District 10
12,354 tons prepared at Pompey Breaker - District 10
(d) 6,931 tons prepared at Pompey Breaker - District 10
7,831 tons prepared at Waddell Breaker - District 10
(e) 3,742 tons prepared at Bel Air Breaker - District 10
5,080 tons prepared at Pompey Breaker - District 10
(f) All coal prepared at Pompey Breaker - District 10
(g) 2,095 tons prepared at Pompey Breaker - District 10
9,317 tons prepared at Bel Air Breaker - District 10
(h) 66,655 tons prepared at Raymond Breaker - District 10
32,500 tons prepared at Huber Breaker - District 13
28,896 tons prepared at Loree Breaker - District 10
92,972 tons prepared at Pompey Breaker - District 10
2,275 tons prepared at Taylor Breaker - District 10
(i) All coal prepared at Boland Breaker - District 10
(j) All coal prepared at Booth Cleaning Plant
(k) All coal prepared at Ace Breaker - District 10
(l) 12,741 tons prepared at Huber Breaker - District 13
421 tons prepared at Loree Breaker - District 10
(m) 9,924 tons prepared at Loree Breaker - District 10
13,206 tons prepared at Huber Breaker - District 13
(n) All coal prepared at Huber Breaker - District 13

		District 1 Production - net tons					Pounds					Non-
		Shipped to market	Sold to	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents	
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production:						
NOTE: (o) All coal prepared at Loree Breaker - District 10 (p) 34,213 tons prepared at Loree Breaker - District 10 631 tons prepared at Huber Breaker - District 13 (q) 18,498 tons prepared at Loree Breaker - District 10 18,579 tons prepared at Huber Breaker - District 13 (r) 44,450 tons prepared at Huber Breaker - District 13 1,467 tons prepared at Loree Breaker - District 10 (s) 7,509 tons prepared at Huber Breaker - District 13 491 tons prepared at Loree Breaker - District 10 (t) All coal prepared at Kassa Breaker - District 10 (u) 2,102 tons prepared at Bel Air Breaker - District 10 321 tons prepared at Penbrook Breaker - District 10 (v) All coal prepared at Dorrance Breaker - District 10 (w) 5,528 tons sold unprepared 500 tons prepared at Booth Cleaning Plant (x) 2,766 tons prepared at Taylor Breaker - District 10 388 tons prepared at Boland Breaker - District 10 100 tons prepared at Ace Breaker - District 10 (y) 1,108 tons prepared at Taylor Breaker - District 10 771 tons prepared at Ace Breaker - District 10 (z) All coal prepared at Taylor Breaker - District 10 (aa) All coal prepared at Raymond Breaker - District 10 (bb) 1,422 tons sold unprepared 1,334 tons prepared at Booth Cleaning Plant (cc) 2,833 tons prepared at Ace Breaker - District 10 5,929 tons prepared at Boland Breaker - District 10 699 tons prepared at Penbrook Breaker - District 10 (dd) All coal prepared at Morgan Breaker - District 10 (ee) All coal prepared at Penbrook Breaker - District 10 (ff) 2,628 tons prepared at Dorrance Breaker - District 10 18,279 tons prepared at Bel Air Breaker - District 10 (gg) 1,062 tons prepared at Dorrance Breaker - District 10 9,190 tons prepared at Bel Air Breaker - District 10 (hh) 25,456 tons prepared at Dorrance Breaker - District 10 1,914 tons prepared at Bel Air Breaker - District 10 (ii) 43 tons prepared at Ace Breaker - District 10 70 tons prepared at Penbrook Breaker - District 10 (jj) All coal prepared at Glen Lyon Breaker - District 11												
Brook Contracting Corporation Oneida Strip 86-1	Schuylkill	-	2,192	4,404	-	6,596 a	-	1,628	171	9	-	
Gowen Coal Co. Gowen Mammoth Strip 38-1	Schuylkill	15,443	-	5,770	-	21,213	-	150,000	227	22	-	
Derringer Mammoth Strip 38-2	Luzerne	8,290	-	3,097	-	11,387	-	-	227	4	-	
Derringer Buck Mountain S. 38-4	Luzerne	3,010	-	1,125	-	4,135	-	16,500	140	4	-	
Derringer Buck Mountain S. 38-5	Luzerne	2,388	-	892	-	3,280	-	-	48	4	-	
Total		29,131	-	10,884	-	40,015 b	-	166,500	34	-	-	
Greenwood Stripping Corporation Greenwood Strip 33-1	Schuylkill	196,591	155,489	35,393	281	387,754	-	1,083,690	217	118	-	
Summit Tunnel-Primrose S. 33-2	Carbon	13,621	10,773	2,471	-	26,865	-	321,100	112	4	-	
Neyers Mammoth Strip 33-3	Carbon	17,089	13,516	3,102	-	33,707	-	1,007,380	260	17	-	
Little Italy Mammoth S. 33-4	Carbon	2,538	2,007	461	-	5,006	-	-	87	4	-	
Hackleberrrie Strip 33-6	Carbon	53,300	42,156	9,672	-	105,128	-	262,600	291	18	-	
No. 10 W.L. Mammoth Strip 33-7	Schuylkill	5,355	4,236	972	-	10,563	-	154,790	155	5	-	
No. 10 Shaft Diamond Strip 33-8	Schuylkill	961	760	174	-	1,895	-	-	45	4	-	
Loomis Mammoth Strip 33-9	Schuylkill	31,380	24,819	5,694	-	61,893	-	-	283	19	-	
N. Wildip Orchard Strip 33-10	Carbon	15,357	12,146	2,787	-	30,290	-	-	283	7	-	

		District 2 Production - net tons										
		Shipped to market	Sold to	Used at	Total	Pounds permis-	Pounds	Days	Empl-	Fatal	Non-	
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	sible ex-plosives used	dynamite used	worked	oves	acci-dents	fatal acci-dents
Greenwood Stripping Corporation (Continued)												
N. Wildip Orchard Strip 33-12	Carbon	5,827	4,609	1,058	-	11,494	-	-	246	7	-	-
Lansford Primrose Strip 33-13	Carbon	12,760	10,092	2,315	-	25,167	-	-	187	17	-	1
C-2 Mammoth Strip 33-14	Schuylkill	17,441	13,794	3,165	-	34,400	-	-	239	19	-	1
Lansford Primrose Strip 33-15	Carbon	12,566	9,939	2,280	-	24,785	-	-	172	20	-	-
Lansford Mammoth Strip 33-15	Carbon	-	-	-	-	-	-	-	35	7	-	-
40N2 Mammoth Strip 33-17	Carbon	1,984	1,570	360	-	3,914	-	-	50	15	-	-
I. No. 2 Orchard Strip 33-18	Carbon	-	-	-	-	-	-	-	13	9	-	-
Total		386,770	305,906	69,904	281	762,861 c	-	2,829,560	290	-	-	13
Honeybrook Mines, Inc.												
Humboldt Strip 53-2	Luzerne	18,713	11,283	3,744	-	33,740	-	207,450	230	16	-	2
Audenried Strip 53-3	Schuylkill	146,594	88,383	29,333	-	264,310	-	2,246,050	239	96	-	4
Total		165,307	99,666	33,077	-	298,050 d	-	2,453,500	112	-	-	6
Huss, George												
Buck Mountain Strip 57-1	Luzerne	2,106	1,536	554	20	4,216 e	-	6,550	46	8	-	-
Mammoth & Wharton Strip 57-2	Luzerne	6,424	5,739	1,779	24	13,966 f	-	24,900	136	10	-	-
Buck Mountain Strip 57-3	Luzerne	7,989	5,279	1,506	22	14,796 g	-	26,300	134	10	-	-
E-30 Buck Mountain Strip 57-5	Luzerne	24,688	20,031	6,564	99	51,382 h	-	182,600	185	21	-	-
E-28 Wharton Strip 57-6	Luzerne	14,006	11,019	3,417	59	28,501 i	-	113,000	173	20	-	-
Buck Mountain Strip 57-7	Luzerne	998	973	248	15	2,234 j	-	1,660	37	8	-	-
Buck Mountain Strip 57-8	Luzerne	3,641	3,134	1,336	48	8,159 k	-	16,550	116	8	-	-
Buck Mountain Strip 57-9	Luzerne	2,722	2,104	703	21	5,550 l	-	2,880	91	8	-	-
Total		62,574	49,815	16,107	308	128,604	-	374,440	93	-	-	-
Jeddo-Highland Coal Co.												
J-33 Strip 22-7	Luzerne	10,290	9,920	3,770	178	24,158 m	-	-	98	15	-	-
J-37 Strip 22-7	Luzerne	6,382	6,707	1,539	133	14,761 n	-	3,404,626	49	7	-	-
J-41 Strip 22-8	Luzerne	98,293	94,851	35,883	1,706	230,733 o	-	-	335	70	-	-
J-42 Strip 22-8	Luzerne	31,366	30,241	11,491	543	73,641 m	-	-	181	31	-	2
Upper Lehigh Strip 22-9	Luzerne	3,896	3,757	1,427	67	9,147 m	-	37,741	17	16	-	-
Total		150,227	145,476	54,110	2,627	352,440	-	3,442,367	139	-	-	2
Kassa Coal Co.												
Wharton Strip 44-1	Carbon	-	498	194	-	692 p	-	-	60	2	-	-
Lehigh Valley Anthracite, Inc.												
Hazleton Tracey Strip 16-6	Luzerne	1,344	1,424	308	28	3,104 q	-	-	350	6	-	2
Stockton Basin Strip 16-8	Luzerne	181,471	192,178	41,640	3,838	419,127 r	-	4,831,315	350	87	-	2
Total		182,815	193,602	41,948	3,866	422,231	-	4,831,315	93	-	-	4
Meadow Coal & Excavating Co., Inc.												
Lykens Strip 89-3	Schuylkill	5,610	3,382	1,122	-	10,114 d	-	15,000	283	6	-	-

		District 2 Production - net tons										
		Shipped to market	Sold to	Used at	Total	Pounds permis-	Pounds	Days	Empl-	Fatal	Non-	
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	sible ex-plosives used	dynamite used	worked	oves	acci-dents	fatal acci-dents
District Total		982,434	800,537	231,750	7,082	2,021,803	-	14,114,310	220	778	-	25

- NOTE: (a) 5,048 tons prepared at Blaschak Breaker - District 26
 1,548 tons prepared at Swift Breaker - District 24
 (b) All coal prepared at Gowen Breaker - District 15
 (c) All coal prepared at Greenwood Breaker - District 18
 (d) All coal prepared at Honeybrook Breaker - District 15
 (e) 3,756 tons prepared at Beaver Brook Breaker - District 15
 428 tons prepared at Blaschak Breaker - District 26
 32 tons prepared at North Line Breaker - District 24
 (f) 4,237 tons prepared at Beaver Brook Breaker - District 15
 910 tons prepared at Blaschak Breaker - District 26
 8,228 tons prepared at Gowen Breaker - District 15
 591 tons prepared at Rosa Breaker - District 26
 (g) 5,991 tons prepared at Beaver Brook Breaker - District 15
 8,805 tons prepared at Blaschak Breaker - District 26
 (h) 6,102 tons prepared at Beaver Brook Breaker - District 15
 1,326 tons prepared at Blaschak Breaker - District 26
 43,778 tons prepared at Buckley Breaker - District 15
 176 tons prepared at North Line Breaker - District 24
 (i) 26,537 tons prepared at Beaver Brook Breaker - District 15
 1,744 tons prepared at Blaschak Breaker - District 26
 220 tons prepared at North Line Breaker - District 24
 (j) 2,234 tons prepared at Beaver Brook Breaker - District 15
 (k) 7,513 tons prepared at Beaver Brook Breaker - District 15
 646 tons prepared at North Line Breaker - District 24
 (l) 5,550 tons prepared at Beaver Brook Breaker - District 15
 (m) All coal prepared at Jeddo No. 7 Breaker - District 15
 1,311 tons prepared at Jeddo No. 7 Breaker - District 15
 13,450 tons prepared at Hazleton Shaft Breaker - District 15
 (o) 2,127 tons prepared at Hazleton Shaft Breaker - District 15
 228,606 tons prepared at Jeddo No. 7 Breaker - District 15
 (p) All coal prepared at Kassa Breaker - District 11
 (q) All coal prepared at Hazleton Shaft Breaker - District 15
 (r) 417,901 tons prepared at Hazleton Shaft Breaker - District 15
 1,226 tons prepared at Jeddo No. 7 Breaker - District 15

		District 3										
		Shipped to market	Sold to	Used at	Total	Pounds permis-	Pounds	Days	Empl-	Fatal	Non-	
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	sible ex-plosives used	dynamite used	worked	oves	acci-dents	fatal acci-dents
Blaschak Bros.												
Holmes Strip 115-1	Schuylkill	-	4,877	-	-	4,877 a	-	-	21	6	-	-
Bridy, Incorporated												
Burnside Strip 31-3	Northumberland	-	6,655	-	-	6,655	-	2,000	89	12	-	-
Burnside Strip 31-4	Northumberland	-	155	-	-	155	-	-	20	5	-	-
Bear Valley Strip 31-5	Northumberland	-	2,334	-	-	2,334	-	-	26	2	-	-
Total		-	9,144	-	-	9,144 b	-	2,000	19	-	-	-
Buck Coal Co.												
Aristes Strip 49-1R2	Columbia	-	3,265	-	-	3,265 c	-	2,300	218	5	-	-
C. & J. Coal Co.												
Natalie Strip 5-4	Northumberland	-	1,669	-	-	1,669 d	-	-	60	5	-	-
Capparell Strip. & Construction Co., Inc.												
Kohinoor Strip 19-1	Schuylkill	-	49,421	-	-	49,421	-	1,229,500	199	88	-	7
Locust Mountain Strip 19-2	Schuylkill	-	35,008	-	-	35,008	-	514,865	201	23	-	1
Total		-	84,429	-	-	84,429 e	-	1,744,365	111	-	-	8
Chervanik Associates												
Maysville Strip 51-1	Northumberland	-	17,418	-	-	17,418 f	-	5,000	50	6	-	-

		District 3 Production - net tons				Pounds					
		Shipped to market	Sold	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
Operators and Collieries	County	By railroad	By truck	to local trade	for steam and heat	production	used				
Conyngnam Construction Co.											
Germantown Strip 91-1	Columbia	-	26,278	-	-	26,278	-	90,000	254	26	-
Germantown Strip 91-2	Columbia	-	8,372	-	-	8,372	-	5,000	84	10	-
Germantown Strip 91-3	Columbia	-	1,480	-	-	1,480	-	-	43	5	1
Total		-	36,130	-	-	36,130 g	-	95,000		41	1
Gilberton Coal Co.											
Packer Strip 39-1	Schuylkill	12,947	7,345	1,504	-	21,796	-	-	39	23	-
Hunter Tunnel Strip 39-2RA	Schuylkill	30,224	17,147	3,511	-	50,882	-	642,187	202	18	4
Bast Strip 39-3RA	Schuylkill	106,333	60,327	12,352	-	179,012	-	4,188,804	160	46	7
Suffolk Strip 39-4RA	Schuylkill	54,349	30,843	6,313	-	91,505	-	147,181	136	24	2
Gold Star Strip 39-5	Schuylkill	20,698	11,743	2,404	-	34,845	-	267,225	64	30	-
Turkey Run Strip 39-6	Schuylkill	2,109	1,196	245	-	3,550	-	175,068	24	21	-
Total		226,660	128,601	26,329	-	381,590 h	-	5,420,465		162	13
Glenn Brass Coal Co.											
Maysville Strip 106-1	Northumberland	-	335	-	-	335	-	-	126	2	-
Coal Run Strip 106-2	Northumberland	-	1,285	-	-	1,285	-	-	103	2	-
Total		-	1,620	-	-	1,620 i	-	-		4	-
Glosek Bros. Coal Sales, Inc.											
Bear Valley Strip 45-3	Northumberland	-	3,755	-	-	3,755	-	-	64	6	-
Burnside Strip 45-5	Northumberland	-	3,775	-	-	3,775	-	5,200	106	6	-
Burnside Strip 45-6	Northumberland	-	2,940	-	-	2,940	-	-	45	6	-
Total		-	10,470	-	-	10,470 j	-	5,200		18	-
H. & B. Coal Co.											
Bear Valley Strip 29-1RA	Northumberland	-	4,604	-	-	4,604 f	-	700	244	2	-
Howells, T. S. & Olaf S. Stripping Co.											
Coal Run Strip 4-2	Northumberland	-	3,066	-	-	3,066	-	1,450	236	2	-
Maysville Strip 4-3	Northumberland	-	192	-	-	192	-	-	18	2	-
Total		-	3,258	-	-	3,258 k	-	1,450		4	-
Jete Coal Co.											
Richards Strip 3-1	Northumberland	-	400	-	-	400	-	400	50	4	-
Richards Strip 3-2	Northumberland	-	450	-	-	450	-	-	40	4	-
Richards Strip 3-3	Northumberland	-	2,050	-	-	2,050	-	-	30	4	-
Richards Strip 3-4	Northumberland	-	350	-	-	350	-	-	22	4	-
Richards Strip 3-5	Northumberland	-	2,850	-	-	2,850	-	-	120	4	-
Total		-	6,100	-	-	6,100 l	-	400		20	-
Kerris & Helfrick, Inc.											
Morris Ridge Strip 7-1	Columbia	-	1,199	-	-	1,199	-	-	2	2	-
Aristes Strip 7-3	Columbia	-	5,610	-	-	5,610	-	-	32	4	-

		District 3 Production - net tons				Pounds					
		Shipped to market	Sold	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
Operators and Collieries	County	By railroad	By truck	to local trade	for steam and heat	production	used				
Kerris & Helfrick, Inc. (Continued)											
Stuartsville Strip 7-4A1	Northumberland	-	42,658	-	-	42,658	-	70,000	158	15	6
Centralia Strip 7-6	Columbia	-	8,899	-	-	8,899	-	-	39	7	-
Hickory Swamp Strip 7-7	Northumberland	-	7,009	-	-	7,009	-	-	44	4	-
Scott Strip 7-8	Northumberland	-	2,553	-	-	2,553	-	-	7	6	-
Maysville Strip 7-9	Northumberland	-	7,558	-	-	7,558	-	-	20	6	-
Total		-	75,486	-	-	75,486 f	-	70,000		44	6
Lavelle Coal Co.											
Skidmore Strip 20-1	Schuylkill	-	75	-	-	75 c	-	-	20	2	-
Lehigh Valley Anthracite, Inc.											
New Boston Strip 16-1	Schuylkill	268	137	53	1	459 *	-	-	1	1	-
Continental Strip 16-9	Schuylkill										
	Columbia)	155,108	79,372	30,979	846	266,305	-	3,911,978	242	113	2
Girard Strip 16-10	Schuylkill	72,360	37,029	14,452	395	124,236	-	1,274,593	242	53	2
Germantown Strip 16-12	Columbia	53,783	27,522	10,742	294	92,341	-	1,871,036	242	42	1
Total		281,519	144,060	56,226	1,536	483,341 m	-	7,057,607		209	5
McDonald, Joseph											
Bast Strip 56-1RA	Schuylkill	-	6,543	-	-	6,543 n	-	13,772	226	10	-
Minel, Inc.											
Trevorton Strip 63-1	Northumberland	-	3,136	-	-	3,136 o	-	20,000	40	9	-
North Line Coal Co.											
Burnside Strip 52-1RA	Northumberland	-	14,563	-	-	14,563 p	-	119,000	204	10	-
R. B. F. Coal Co.											
Burnside Strip 107-2	Northumberland	-	5,625	-	-	5,625	-	8,000	135	5	-
Henry Clay Strip 107-3	Northumberland	-	1,110	-	-	1,110	-	2,400	50	3	-
Black Diamond Strip 107-4	Northumberland	-	2,457	-	-	2,457	-	15,300	246	6	-
Total		-	9,192	-	-	9,192 q	-	25,700		14	-
Reading Anthracite Co.											
Knickerbocker Strip 23-8	Schuylkill	93,995	12,198	33,067	-	139,260	-	2,064,835	194	30	2
Knickerbocker Strip 23-9	Schuylkill	-	-	-	-	-	-	-	194	1	-
Alaska Strip 23-10	Northumberland	-	-	-	-	-	-	-	194	1	-
Trevorton Strip S-5 23-12	Northumberland	81,893	1,157	15,823	-	98,873	-	88,250	168	17	3
Trevorton Strip S-3A 23-13	Northumberland	24,539	347	4,742	-	29,628	-	-	157	13	-
Total		200,427	13,702	53,632	-	267,761 r	-	2,153,085		62	5
Rosini Coal Co.											
R-1 Strip 47-1RA	Northumberland	-	41,267	-	-	41,267	-	220,000	86	25	1
R-3 Strip 47-3	Northumberland	-	31,583	-	-	31,583	-	101,520	60	24	-
R-4 Strip 47-4	Northumberland	-	6,032	-	-	6,032	-	-	20	5	-

		District 3 Production - net tons				Pounds					Non-	
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal	
		By	to	colliery	production	sible ex-	dynamite	worked	oves	acci-	acci-	
Operators and Collieries	County	By	local	for steam	Total	plives	used	used	used	ents	ents	
		railroad	trade	and heat		used						
Rosini Coal Co. (Continued)												
R-5 Strip 47-5	Northumberland	-	3,635	-	3,635	-	-	20	5	-	-	
R-6T Strip 47-6T	Northumberland	-	2,402	-	2,402	-	-	10	5	-	-	
R-7 Strip 47-7	Northumberland	-	13,762	-	13,762	-	110,000	50	25	-	-	
R-8 Strip 47-8	Northumberland	-	17,167	-	17,167	-	100,000	40	25	-	-	
R-9 Strip 47-9	Northumberland	-	567	-	567	-	-	10	5	-	-	
R-10 Strip 47-10	Northumberland	-	861	-	861	-	-	10	5	-	-	
Total		-	117,276	-	117,276 s	-	531,520		124	-	1	
S. & S. Contracting Co.												
Natalie Strip 109-1	Northumberland	-	1,800	-	1,800 c	-	100	127	4	-	-	
Sanchez Construction Co.												
Morris Ridge Strip 55-1	Columbia	-	1,900	-	1,900	-	5,000	20	7	-	-	
Logan Strip 55-2	Columbia	-	2,291	-	2,291	-	5,000	26	6	-	-	
Midvalley Strip 55-3	Columbia	-	7,606	-	7,606	-	10,000	37	7	-	-	
Total		-	11,797	-	11,797 t	-	20,000		20	-	-	
Savitski Brothers Coal Co.												
Natalie Strip 76-2	Northumberland	-	1,301	-	1,301 u	-	-	89	5	-	-	
Schock, Norman C.												
West Bear Ridge Strip 59-2	Schuylkill	-	1,523	-	1,523 a	-	-	46	5	-	-	
Split Vein Coal Co.												
Henry Clay Strip 113-1	Northumberland	-	624	-	624	-	-	15	2	-	-	
Henry Clay Strip 113-2	Northumberland	-	400	-	400	-	-	16	2	-	-	
Total		-	1,024	-	1,024 v	-	-		4	-	-	
Unique Coal Co.												
No. 11 Strip 46-1	Northumberland	-	8,079	-	8,079	-	-	141	8	-	-	
Kulpmont Strip 46-2	Northumberland	-	143	-	143	-	-	20	3	-	-	
Total		-	8,222	-	8,222 w	-	-		11	-	-	
District Total		708,606	721,285	136,187	1,536	1,567,614	-	17,287,664	144	936	-	39

NOTE: (a) All coal prepared at Blaschak Breaker - District 26
 (b) 83 tons prepared at D. & Z. Breaker - District 24
 93 tons prepared at Diminick Breaker - District 24
 1,228 tons prepared at Glosek Breaker - District 24
 1,277 tons prepared at North Line Breaker - District 24
 4,129 tons prepared at Reidinger Breaker - District 24
 275 tons prepared at Ace Breaker - District 10
 2,059 tons prepared at Lower Region Washery - District 24
 (c) All coal prepared at D. & Z. Breaker - District 24
 (d) 719 tons prepared at Reidinger Breaker - District 24
 225 tons prepared at Savitski Breaker - District 20
 275 tons prepared at Diminick Breaker - District 24
 450 tons prepared at Diamond Breaker - District 20
 (e) All coal prepared at Rosa Breaker - District 26
 (f) All coal prepared at Glen Burn Breaker - District 24

		District 3 Production - net tons				Pounds					Non-	
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	Non-	
		By	to	colliery	production	sible ex-	dynamite	worked	oves	acci-	fatal	
Operators and Collieries	County	By	local	for steam	Total	plives	used	used	used	ents	acci-	
		railroad	trade	and heat		used					ents	
NOTE: (g) 31,007 tons prepared at Mammoth Breaker - District 26 3,158 tons prepared at Diamond Breaker - District 20 485 tons prepared at Reidinger Breaker - District 24 580 tons prepared at D. & Z. Breaker - District 24 580 tons prepared at Glosek Breaker - District 24 320 tons prepared at Savitski Breaker - District 20 (h) All coal prepared at Giberton Breaker - District 26 (i) 1,020 tons prepared at Ranshaw Washery - District 29 600 tons prepared at Reidinger Breaker - District 24 (j) All coal prepared at Glosek Breaker - District 24 (k) 962 tons prepared at Reidinger Breaker - District 24 275 tons prepared at Glosek Breaker - District 24 1,508 tons prepared at Diamond Breaker - District 20 192 tons prepared at Ace Breaker - District 10 321 tons prepared at Split Vein Breaker - District 24 (l) 1,900 tons prepared at D. & Z. Breaker - District 24 3,200 tons prepared at Glen Burn Breaker - District 24 1,000 tons prepared at Legal Breaker - District 16 (m) All coal prepared at Mammoth Breaker - District 26 (n) 6,485 tons prepared at Swift Breaker - District 24 58 tons prepared at Diamond Breaker - District 20 (*) Stock												
(o) 1,736 tons prepared at Sunshine Breaker - District 28 1,000 tons prepared at H. J. H. Breaker - District 17 400 tons prepared at Ace Breaker - District 10 (p) 9,916 tons prepared at North Line Breaker - District 24 4,647 tons prepared at Reidinger Breaker - District 24 (q) 2,920 tons prepared at D. & Z. Breaker - District 24 4,973 tons prepared at Diamond Breaker - District 20 780 tons prepared at Reidinger Breaker - District 24 519 tons prepared at Ace Breaker - District 10 (r) 139,260 tons prepared at New St. Nicholas Breaker - District 19 128,501 tons prepared at Trevorton Breaker - District 17 (s) All coal prepared at Carbon Run Breaker - District 24 (t) 2,738 tons prepared at Legal Breaker - District 16 8,519 tons prepared at Mammoth Breaker - District 26 114 tons prepared at Savitski Breaker - District 20 426 tons prepared at Diamond Breaker - District 20 (u) All coal prepared at Savitski Breaker - District 20 (v) All coal prepared at Split Vein Breaker - District 24 5,804 tons prepared at North Line Breaker - District 24 (w) 2,275 tons prepared at D. & Z. Breaker - District 24 114 tons prepared at Savitski Breaker - District 20 29 tons prepared at Split Vein Breaker - District 24												

		District 4				Pounds					Non-	
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	Non-	
		By	to	colliery	production	sible ex-	dynamite	worked	oves	acci-	fatal	
Operators and Collieries	County	By	local	for steam	Total	plives	used	used	used	ents	acci-	
		railroad	trade	and heat		used					ents	
Anthracite Fine Coals, Inc.												
Sherman Mountain Strip 73-1R	Schuylkill	-	-	-	2,500	-	300	20	3	-	-	
Sherman Mountain Strip 73-2R	Schuylkill	-	-	-	62,656	86,025	157,525	173	12	-	-	
Total		38,772	25,347	1,037	65,156 a	86,025	157,825		15	-	-	
Bain, Alfred												
Scotts Strip 103-1	Schuylkill	410	2,493	-	2,929 b	-	-	124	3	-	-	
Bear Gap Stripping Co.												
Bear Valley Strip 79-1	Dauphin	-	-	-	-	-	-	21	3	-	-	
Bear Valley Strip 79-2	Dauphin	-	-	1,672	1,686	-	-	88	4	-	-	
Total		-	-	1,672	1,686 c	-	-		7	-	-	
Bernitsky Brothers Coal Co.												
Strip 112-1	Schuylkill	-	-	100	100 d	-	25	60	2	-	-	
BlueBell Enterprises, Inc.												
Tremont Strip 14-1	Schuylkill	-	-	-	-	-	-	54	2	-	-	

		District 4 Production - net tons				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Fatal fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
BlueBell Enterprises, Inc. (Continued)												
New Philadelphia Strip 14-2	Schuylkill	760	9,246	3,644	96	13,746	40,000	500	209	5	-	-
Total		760	9,246	3,644	96	13,746 e	40,000	500		7	-	-
Brosius & Troup Co.												
Short Mountain Strip 2-2	Dauphin	-	-	728	22	750 f	-	-	42	2	-	-
Cardiff Stripping Co., Inc.												
Gorenty Strip 118-1	Schuylkill	-	-	-	-	-	500	-	20	5	-	-
Dando & Troup Coal Co.												
Scotts Strip 34-IRA	Schuylkill	85	5,564	3,772	10	9,431 g	24,000	2,800	283	2	-	-
Gavalis Co., Joseph												
Swatara Strip 62-2	Schuylkill	7,918	5,763	3,301	38	17,020 h	48,260	450	96	18	-	-
Gerhart, George												
Gerhart Strip 111-1	Schuylkill	-	49	28	-	77 i	-	-	12	1	-	-
K. & K. Coal Co.												
Peach Mountain Strip 41-2A	Schuylkill	-	847	320	-	1,167 j	-	-	42	4	-	-
Kerrigan Coal Co., Paul												
East Gold Strip 102-1	Lebanon	-	-	-	-	40,000	-	-	240	6	-	-
West Gold Strip 102-2	Lebanon	-	-	-	-	3,000	-	-	40	2	-	-
Eagle Hill Strip 102-4	Schuylkill	-	-	-	-	2,300	-	-	41	5	-	-
Total		16,761	27,633	680	226	45,300 k	-	-		13	-	-
Kocher Coal Co., Leon E.												
Sherman Mountain Strip 90-1	Schuylkill	-	-	-	-	-	-	-	30	17	-	-
Sherman Mountain Strip 90-3	Schuylkill	-	-	-	-	34,789	71,180	-	111	17	-	-
Sherman Mountain Strip 90-4	Schuylkill	-	-	-	-	51,022	194,900	-	129	17	-	-
Sherman Mountain Strip 90-5	Schuylkill	-	-	-	-	9,460	29,600	-	22	8	-	-
Total		35,250	53,351	6,422	248	95,271 l	295,680	-		59	-	-
Krell Coal Co., Philip												
Krell Strip 61-1	Schuylkill	-	306	178	12	496	-	-	53	2	-	-
Krell Strip 61-2	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Total		-	306	178	12	496 i	-	-		2	-	-
Manue Co., John												
Manue Strip 69-1	Schuylkill	-	52	28	-	80 m	-	-	15	1	-	-
Morten Lands Co.												
Lewis Strip 104-1	Schuylkill	-	302	3,440	38	3,780 n	-	-	121	3	-	-
Phoenix Contracting Co.												
Mary D Strip 84-IRA	Schuylkill	756	4,596	-	48	5,400 b o	-	-	60	13	-	-
Princeton Coal Co.												
Bassininski Strip 99-1	Schuylkill	-	-	-	-	-	-	-	12	4	-	-

		District 4 Production - net tons				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Fatal fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
Reading Anthracite Co.												
Mt. Laffee P-49 Strip 23-1R	Schuylkill	-	-	-	-	922	290,918	-	40	25	-	-
Beechwood P-46 Strip 23-2R	Schuylkill	-	-	-	-	381,536	551,672	-	233	20	-	1
Oak Hill P-47 Strip 23-3	Schuylkill	-	-	-	-	1,874	-	-	8	11	-	-
Wadesville P-33 Strip 23-4	Schuylkill	-	-	-	-	-	874,116	-	82	36	-	6
St. Clair P-48 Strip 23-5	Schuylkill	-	-	-	-	131,050	3,001,781	-	153	82	-	8
St. Clair P-44 Strip 23-6	Schuylkill	-	-	-	-	67,121	985,147	-	129	27	-	3
St. Clair P-44A Strip 23-7	Schuylkill	-	-	-	-	39,641	359,851	-	43	17	-	-
Buck Run P-45 Strip 23-11RA	Schuylkill	-	-	-	-	129,157	1,908,180	-	196	25	-	-
Pine Knot P-39 Strip 23-14	Schuylkill	-	-	-	-	-	-	-	50	1	-	-
Buck Run P-45A Strip 23-15	Schuylkill	-	-	-	-	-	-	-	50	1	-	-
Total		507,097	65,810	178,394	-	751,301 q	7,971,665	-		245	-	18
Ridge Stripping Co.												
Peach Mountain Strip 42-1	Schuylkill	8,340	9,210	3,704	-	21,254	38,162	-	165	32	-	-
Peach Mountain Strip 42-2	Schuylkill	-	-	-	-	-	-	-	20	5	-	-
Peach Mountain Strip 42-3	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Total		8,340	9,210	3,704	-	21,254 r	38,162	-		37	-	-
Schock, Norman C.												
Bell Strip 59-1R	Schuylkill	-	-	-	-	-	s	-	24	2	-	-
Schuylkill Contracting Co.												
Jugular Strip 36-1R	Schuylkill	-	-	-	-	37,125	291,460	-	86	25	-	1
Top & Middle Strip 36-2	Schuylkill	-	-	-	-	12,045	151,170	-	43	21	-	-
Mammoth & Holmes Strip 36-3	Schuylkill	-	-	-	-	-	-	-	21	10	-	-
Total		30,485	10,817	7,868	-	49,170 t	442,630	-		56	-	1
Shally Construction Co.												
Red Mountain Strip 77-1RA	Schuylkill	278	1,730	223	11	2,242 u	6,400	-	175	4	-	-
South River Coal Co.												
South River Strip 60-4	Schuylkill	-	-	-	-	p	-	-	8	2	-	-
Swatara Coal Co.												
Primrose Basin Strip 70-1R	Schuylkill	-	-	-	-	24,935	139,630	1,030	265	13	-	1
Mammoth Strip 70-2	Schuylkill	-	-	-	-	17,259	110,190	1,200	156	12	-	3
Total		21,518	15,822	4,768	86	42,194 v	249,820	2,230		25	-	4
Tropp, L. & J.												
Tropp Strip 1-1(A1)	Schuylkill	172	4,020	3,826	28	8,046 w	-	12,000	246	5	-	-
Valent Coal Co., Frank												
Valent Strip 105-1	Schuylkill	224	1,896	2,338	36	4,494 x	-	-	88	6	-	-
Wilmington Coal Stripping Co.												
Gorenty Strip 108-1	Schuylkill	896	16,188	8,807	109	26,000 y	40,000	-	220	12	-	-

Operators and Collieries	County	District 4 Production - net tons					Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Sold		Used at colliery for steam and heat						
		By railroad	By truck	to local trade	to colliery for steam and heat							
District Total		669,722	261,042	235,278	1,048	1,167,090	9,243,142	175,830	116	555	-	24

- NOTE:
- (a) All coal prepared at Donaldson Breaker - District 30.
 - (b) All coal prepared at Black Heath Breaker - District 19.
 - (c) All coal prepared at Pine Creek Breaker - District 12.
 - (d) All coal prepared at Skytop Breaker - District 26.
 - (e) 3,308 tons prepared at Silver Creek Breaker - District 18
 - 1,890 tons prepared at Brockton Breaker - District 18
 - 232 tons prepared at J. & E. Breaker - District 18
 - 2,297 tons prepared at Wesner Breaker - District 15
 - 310 tons prepared at Locust Valley Breaker - District 26
 - 1,338 tons prepared at Savitski Breaker - District 20
 - 4,371 tons prepared at D. & Z. Breaker - District 24
 - (f) 158 tons prepared at Meadow Brook Breaker - District 12
 - 592 tons prepared at Underkoffler Breaker - District 12
 - (g) All coal prepared at Minersville Breaker - District 19.
 - (h) All coal prepared at Swatara Breaker - District 21. Ceased operations in June 1965. Operation transferred to Swatara Coal Co.
 - (i) All coal prepared at Brockton Breaker - District 18.
 - (j) All coal prepared at K. & P. Breaker - District 19. Ceased operations in July 1965.
 - (k) All coal prepared at Kerrigan Breaker - District 12.
 - (l) All coal prepared at Koche Breaker - District 30.
 - (m) All coal prepared at Maple Spring Breaker - District 19. Ceased operations in January 1965.
 - (n) Ceased operations in May 1965.
 - (o) Ceased operations in April 1965.
 - (p) Ceased operations in January 1965.
 - (q) All coal prepared at New St. Nicholas Breaker - District 19.
 - (r) 18,400 tons prepared at Rosa Breaker - District 27
 - 1,854 tons prepared at Black Heath Breaker - District 19.
 - 1,000 tons prepared at Drenzo Breaker - District 19.
 - (s) Backfilling of pit only work done in 1965.
 - (t) All coal prepared at Marlin Breaker - District 19.
 - (u) 1,848 tons prepared at Franklin Breaker - District 30
 - 394 tons prepared at Donaldson Breaker - District 30
 - Ceased operations in July 1965.
 - (v) All coal prepared at Swatara Breaker - District 21.
 - (w) 5,160 tons prepared at D. & Z. Breaker - District 24
 - 2,886 tons prepared at Schneck's Breaker - District 30
 - (x) All coal prepared at Silver Creek Breaker - District 18.
 - (y) 16,000 tons prepared at J. & E. Breaker - District 18
 - 4,500 tons prepared at Silver Creek Breaker - District 18
 - 2,500 tons prepared at Black Heath Breaker - District 19
 - 3,000 tons prepared at Donaldson Breaker - District 30

		District 10 Production - net tons					Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Sold		Used at colliery for steam and heat						
		By railroad	By truck	to local trade	to colliery for steam and heat							
Ace Anthracite, Inc. Cleaning Plant Ace Bank	B Lackawanna bk Lackawanna	- 34	- 103	- 783	- 4	- 924	- -	- -	195 195	2 2	- -	- -
Total		34	103	783	4	924 a	-	-	390	4	-	-
Ace Coal Co. Ace Breaker	B Lackawanna	-	-	-	-	-	-	-	68	9	-	1
Bel Air Coal Co. Bel Air Breaker	B Luzerne	-	-	-	-	-	-	-	240	20	-	-
C. B. M. Coal Co. Empire Bank	bk Luzerne	-	2,904	-	-	2,904	-	-	20	4	-	-
Exeter Bank	bk Luzerne	-	67,000	-	-	67,000	-	-	83	6	-	-
Woodward Silt Bank	bk Luzerne	-	9,274	-	-	9,274	-	-	134	4	-	-

Operators and Collieries	County	District 10 Production - net tons					Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Sold		Used at colliery for steam and heat						
		By railroad	By truck	to local trade	to colliery for steam and heat							
C. B. M. Coal Co. (Continued) Maintenance Shop	Luzerne	-	-	-	-	-	-	-	269	3	-	-
Total		-	79,178	-	-	79,178 b	-	-	269	17	-	-
C. & S. Coal Co. Underwood Bank	bk Lackawanna	500	-	-	-	500 c	-	-	53	8	-	-
Coalbrook Sales Co., Inc. National Bank	bk Lackawanna	-	1,092	-	-	1,092 d	-	-	85	3	-	-
DeAngelis, Inc. Bolands Breaker	B Lackawanna	-	-	-	-	-	-	-	136	19	-	-
Bolands Colliery	DM Lackawanna	-	2,351	-	-	2,351	500	-	224	5	-	-
Coalbrook Bank	bk Lackawanna	-	3,210	-	-	3,210	-	-	40	3	-	-
Total		-	5,561	-	-	5,561 d	500	-	400	27	-	-
DeAngelis Supreme Anthracite, Inc. O. S. C. Bank	bk Lackawanna	-	2,298	-	-	2,298 d	-	-	107	4	-	-
Eline Coal Co. Bank	bk Luzerne	-	1,392	-	-	1,392 e *	-	-	23	3	-	-
Empire Coal Co. Bank	bk Luzerne	2,559	1,149	3,221	-	6,929 f *	-	-	57	5	-	-
Esgro Coal Co. Raymond Colliery	DM Lackawanna	30	464	-	-	494 g *	1,000	-	140	5	-	-
Gigliello Coal Co. Ewen Colliery	DM Luzerne	3,123	230	1,239	-	4,592 h	2,500	-	229	6	-	-
Glen Alden Corp. Loree Breaker	B Luzerne	-	-	-	-	-	-	-	183	44	-	2
Loree Bank	bk Luzerne	876	135	556	10	1,577	-	-	183	2	-	-
Marvine Bag Plant	Lackawanna	-	-	-	-	-	-	-	260	13	-	-
Total		876	135	556	10	1,577 i	-	-	526	59	-	2
J. & K. Coal Co. Pigeon Creek	DM Sullivan	-	-	608	-	608 j *	50	-	139	2	-	-
Kassa Coal Co. Kassa Breaker	B Luzerne	-	-	-	-	-	-	-	240	3	-	-
Keyser Valley Enterprises, Inc. Diamond Colliery	DM Lackawanna	19,203	1,412	7,625	-	28,240 h	23,100	1,700	263	21	-	4
Laflin Heights Coal Co. Laflin Bank	bk Luzerne	-	13,434	-	-	13,434 k	-	-	165	3	-	-
Lehigh Valley Anthracite, Inc. Dorrance Breaker	B Luzerne	-	-	-	-	-	-	-	127	56	-	1
Franklin Cleaning Plant	BP Luzerne	-	-	-	-	-	-	-	219	31	-	4
Total		-	-	-	-	-	-	-	87	-	-	5

		District 10 Production - net tons				Pounds				Fatal	Non-
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal
Operators and Collieries	County	By railroad	By truck	local trade	production	sible ex-	dynamite	worked	oves	accidents	accidents
Operators and Collieries											
Penn Can Coal Co.											
Erie Lackawanna Fill Bank	bk Lackawanna	4,162	-	2,075	-	6,237	-	100	8	-	-
Morgan Breaker	B Lackawanna	-	-	-	-	-	-	60	19	-	-
Total		4,162	-	2,075	-	6,237 t	-	-	27	-	-
Pennsylvania Coal Co.											
Maintenance	M Lackawanna	-	-	-	-	-	-	257	2	-	-
Perry Coal Sales Co., Thomas Bank	bk Lackawanna	6,750	2,936	-	-	9,686 u	-	56	6	-	-
Petam Enterprises, Inc. Ontario	DM Lackawanna	487	879	433	-	1,799 v	3,825	175	10	-	1
Pompey Coal Co. Pompey Breaker	B Lackawanna	-	-	-	-	-	-	278	33	-	5
Popple Coal Sales Co., Raymond	bk Lackawanna	-	17,468	-	-	17,468	-	57	2	-	-
Dunmore Bank	bk Lackawanna	-	6,358	-	-	6,358	-	57	2	-	-
Hancock Bank	bk Luzerne	-	-	-	-	-	-	-	-	-	-
Total		-	23,826	-	-	23,826 e	-	-	4	-	-
Rock Contractor, Carl											
Pancoat Bank	bk Lackawanna	819	251	154	-	1,224 w	-	152	6	-	-
Sebastopol Coal Co. Sebastopol Bank	bk Luzerne	843	9,447	-	-	10,290	-	243	4	-	-
Sebastopol Breaker	BP Luzerne	-	-	-	-	-	-	243	2	-	-
Total		843	9,447	-	-	10,290 e	-	-	6	-	-
Sullivan Trail Coal Co.											
Shops	Luzerne	-	-	-	-	-	-	266	180	-	2
Tallamelli Coal Co. Westmoreland Colliery	DM Luzerne	280	21	111	-	412 h *	150	45	5	-	-
Village Slope Coal Co. Underwood Colliery	DM Lackawanna	1,195	11,502	4,228	63	16,988 x *	22,850	225	34	-	14
Waddell Coal Mining Co., Inc. Waddell Washery	W Lackawanna	-	-	-	-	-	-	73	6	-	-
Western Mining Corp. Lafin Colliery	DM Luzerne	85	6,420	4,321	10	10,836	-	102	-	-	-
Westmoreland Colliery	DM Luzerne	1,333	582	567	19	2,501	12,625	102	7	-	1
Total		1,418	7,002	4,888	29	13,337 v	12,625	550	7	-	1
District Total		134,105	227,586	144,783	668	507,142	266,434	14,775	177,117	-	83

DM - Deep Mined

bk - Bank

B - Breaker

BP - Breaker Preparation Only

W - Washery

		District 10 Production - net tons				Pounds				Fatal	Non-
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal
Operators and Collieries	County	By railroad	By truck	local trade	production	sible ex-	dynamite	worked	oves	accidents	accidents
Operators and Collieries											
MacFarrell Coal Co. Butler Colliery	DM Luzerne	36	2,752	1,999	10	4,797 l	5,000	237	4	-	-
Marchesini, David Bank	bk Luzerne	-	672	-	-	672 e	-	19	2	-	-
Matisko Coal Co. Forest City Bank	bk Susquehanna	-	685	1,710	-	2,395	-	220	2	-	-
Cleaning Plant	B Susquehanna	-	-	-	-	-	-	220	1	-	-
Total		-	685	1,710	-	2,395 m	-	-	3	-	-
McKeen Fuel Corp. Pine Ridge Bank	bk Luzerne	2,498	21,456	851	3	24,808 n	-	105	9	-	-
Mitchell Mining Co. Lafin Colliery	DM Luzerne	4,690	335	2,219	-	7,244 *	-	104	-	-	1
Olyphant Colliery	DM Lackawanna	3,570	255	1,275	-	5,100	5,000	100	119	14	1
Total		8,260	590	3,494	-	12,344 o	5,000	100	14	-	2
Moffat Coal Co., Inc.											
Archbald Slope	DM Lackawanna	6,472	3,292	9,228	53	19,045	9,550	250	141	30	3
Continental Slope	DM Lackawanna	15,183	7,722	21,646	124	44,675	29,375	141	93	-	10
No. 179 Slope	DM Lackawanna	3,451	1,755	4,920	-	10,126	16,125	201	10	-	-
No. 190 Slope	DM Lackawanna	14,846	7,560	21,192	122	43,720	45,625	8,925	139	79	10
Sloan No. 133 Slope	DM Lackawanna	26,078	13,264	37,180	213	76,735	54,375	1,075	203	74	12
Storrs Colliery	DM Lackawanna	8,765	4,458	12,497	37	25,757	33,300	1,375	132	65	2
Taylor Colliery	B Lackawanna	-	-	-	-	-	-	77	60	-	3
Taylor Shops & General	Lackawanna	-	-	-	-	-	-	260	41	-	1
Total		74,795	38,051	106,663	549	220,058 p	188,350	11,625	452	-	41
Mountain Slope Coal Co.											
Sibley Colliery	DM Lackawanna	41	320	173	-	534 q *	500	18	16	-	-
Northwest Mining Co., Inc. Duffy's Bank	bk Lackawanna	2,287	398	1,491	-	4,176	-	39	8	-	-
Gravity Colliery	DM Lackawanna	2,010	350	1,311	-	3,671	984	204	9	-	3
Marvine Retail	Lackawanna	-	-	-	-	-	-	275	12	-	-
Raymond Breaker	B Lackawanna	-	-	-	-	-	-	207	23	-	2
Total		4,297	748	2,802	-	7,847 r	984	-	52	-	5
O'Toole, John F.											
Bank	bk Lackawanna	-	-	1,170	-	1,170	-	46	3	-	-
Cleaning Plant	B Lackawanna	-	-	-	-	-	-	124	1	-	-
Total		-	-	1,170	-	1,170 s	-	-	4	-	-
Penbrook Coal Co.											
Penbrook Bank	bk Lackawanna	1,899	-	-	-	1,899	-	142	2	-	-
Penbrook Breaker	B Lackawanna	-	-	-	-	-	-	142	4	-	-
Total		1,899	-	-	-	1,899 d	-	-	6	-	-

District 10

Operators and Collieries	County	Production - net tons					Total production	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market		Sold	Used at	Total							
		By railroad	By truck	to local trade	to colliery for steam and heat								
NOTE: (a)	503 tons prepared at Ace Cleaning Plant			(p)	All coal prepared at Taylor Breaker. Storrs No. 74 Slope and No. 53 Tunnel were abandoned.								
(b)	421 tons prepared at Ace Breaker			(q)	All coal prepared at Bel Air Breaker.								
(c)	7,158 tons prepared at Kassa Breaker			(r)	All coal prepared at Raymond Breaker.								
(d)	72,020 tons shipped unprepared to Pennsylvania Power & Light Co.			(s)	All coal prepared at O'Toole Cleaning Plant.								
(e)	All coal prepared at Waddell Washery.			(t)	All coal prepared at Morgan Breaker.								
(f)	All coal prepared at Bolands Breaker.			(u)	2,936 tons shipped unprepared to Pennsylvania Power & Light Co.								
(g)	Coal shipped unprepared to Pennsylvania Power & Light Co.				5,840 tons shipped unprepared to E. L. Railroad.								
(h)	300 tons prepared at Waddell Washery				910 tons prepared at Waddell Washery								
(i)	6,629 tons prepared at Taylor Breaker			(v)	1,361 tons prepared at Bel Air Breaker								
(j)	All coal prepared at Penbrook Breaker.				507 tons prepared at Pompey Breaker								
(k)	All coal prepared at Loree Breaker.				231 tons prepared at Penbrook Breaker								
(l)	All coal prepared at Booth Cleaning Plant - District 1.				Midvalley Coal Co. produced 62 tons of this coal, worked 40 days, 2 men.								
(m)	1,500 tons prepared at Bolands Breaker			(w)	220 tons prepared at Penbrook Breaker								
(n)	11,934 tons shipped unprepared to Pennsylvania Power & Light Co.				514 tons prepared at Waddell Washery								
(o)	210 tons prepared at Kassa Breaker				175 tons prepared at Pompey Breaker								
(p)	4,587 tons prepared at Bel Air Breaker				315 tons prepared at Raymond Breaker								
(q)	685 tons prepared at Waddell Washery			(x)	10,697 tons prepared at Penbrook Breaker								
(r)	1,710 tons prepared at Matisko Breaker				6,291 tons prepared at Ace Breaker								
(s)	4,018 tons prepared at Loree Breaker			(y)	136 tons prepared at Kassa Breaker								
(t)	20,790 tons shipped unprepared to Pennsylvania Power & Light Co.				10,700 tons prepared at Bel Air Breaker								
(u)	540 tons prepared at Kassa Breaker				727 tons prepared at Pompey Breaker								
(v)	11,804 tons prepared at Pompey Breaker				1,774 tons prepared at Dorrance Breaker								
(*)	Mines abandoned during 1965.												

District 11

Bartoli Construction Co.													
No. 7 Colliery Bank	bk Luzerne	-	16,610	-	-	16,610 a	-	-	156	3	-	-	
Glen Alden Corporation													
Avondale Bank	bk Luzerne	592	165	204	54,153	55,114 b	-	-	140	11	-	-	
Nanticoke Power Plant	Luzerne	-	-	-	-	-	-	-	365	36	-	1	
Truesdale No. 217 Slope	DM Luzerne	18,488	541	801	2	19,832 c	5,375	200	49	62	-	3	
Truesdale No. 218 Slope	DM Luzerne	21,469	3,282	13,592	270	38,613 d	44,625	875	217	37	-	9	
Wanamie Colliery	DM Luzerne	406,765	108,497	138,715	486	654,463 e	633,675	17,825	233	618	1	161	
Wanamie No. 40 Slope	DM Luzerne	4,649	1,240	1,585	3	7,477 f	-	-	-	-	-	-	
Wanamie Bank	bk Luzerne	-	222,625	-	-	222,625 a	-	-	220	9	-	-	
Total		451,963	336,350	154,897	54,914	998,124	683,675	18,900	773	1	174		

District 11

Operators and Collieries	County	Production - net tons					Total	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market		Sold	Used at	Total							
		By railroad	By truck	to local trade	to colliery for steam and heat								
Glen Nan Coal Co., Inc.													
Glen Lyon No. 3 Slope	DM Luzerne	215,575	306,368	125,175	825	647,943 g	618,375	8,725	222	367	-	100	
Glen Lyon No. 5 Slope	DM Luzerne	704	720	251	-	1,675 h	1,425	275	33	58	-	-	
Total		216,279	307,088	125,426	825	649,618	619,800	9,000	425	-	-	100	
Glyon Mining, Inc.													
Glen Lyon No. 9 Slope	DM Luzerne	4,383	4,535	1,592	-	10,510 i	11,250	250	251	11	-	-	
Lehigh Valley Anthracite, Inc.													
Loomis Breaker	BP Luzerne	-	-	-	-	-	-	-	47	39	-	2	
Loomis Bank	bk Luzerne	5,305	839	910	-	7,054	-	-	47	13	-	-	
Stearns Bank No. 1	bk Luzerne	1,071	170	182	-	1,423	-	-	3	19	-	-	
Stearns Bank No. 2	bk Luzerne	6,093	966	1,040	-	8,099	-	-	13	25	-	-	
Total		12,469	1,975	2,132	-	16,576 j	-	-	96	-	-	2	
San Mining Co., Inc.													
Buttonwood No. 441 Slope	DM Luzerne	44,389	7,174	28,585	516	80,664 k	75,025	-	234	46	-	5	
Susquehanna Coal Co.													
Glen Lyon Breaker	BP Luzerne	-	-	-	-	-	-	-	194	113	-	7	
District Total		729,483	673,732	312,632	56,255	1,772,102	1,389,750	28,150	180	1,467	1	288	
DM - Deep Mined	bk - Bank	B - Breaker					BP - Breaker Preparation Only			W - Washery			

NOTE: (a) All coal shipped unprepared to United Gas Improvement - Hunlock Plant. (h) All coal prepared at Glen Lyon Breaker. Ceased operations in February 1965.

(b) 54,144 tons used unprepared at Nanticoke Power Plant (i) 10,420 tons prepared at Glen Lyon Breaker

(c) 970 tons prepared at Huber Breaker - District 13 (j) 90 tons prepared at Bel Air Breaker - District 10

(d) 450 tons prepared at Loree Breaker - District 10 (k) All coal prepared at Loomis Breaker. Ceased preparing coal in June 1965. Three watchmen employed since.

(e) 3,027 tons prepared at Huber Breaker - District 13 (l) 2,833 tons prepared at Huber Breaker - District 13

(f) 16,355 tons shipped unprepared overseas. Ceased mining coal in March 1965. Ceased operations in December, 1965. (m) 70,184 tons prepared at Loree Breaker - District 10

(g) All coal prepared at Loree Breaker - District 10. (n) 7,647 tons prepared at Taylor Breaker - District 10

(h) All coal prepared at Huber Breaker - District 13. (o) Ownership of Breaker transferred from Grant Anthracite Co. to Susquehanna Coal Co. in January 1, 1965.

(i) All coal (stock coal) prepared at Huber Breaker - District 13. Mine did not operate in 1965. Closed in 1964.

(j) 482,517 tons prepared at Glen Lyon Breaker

(k) 165,426 tons prepared at Bel Air Breaker - District 10

(l) Ownership of mine transferred from Grant Anthracite Co. to Glen Nan Coal Co., Inc. in January 1, 1965.

		District 12 Production - net tons					Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oyes	acci- dents	acci- dents		
		By railroad	By truck	to local trade	colliery for steam and heat									
A. & J. Coal Co. Middle Split Slope	DM Schuylkill	4,043	6,120	737	28	10,928 a	5,200	-	218	11	-	-	-	-
A. & P. Coal Co. L.V. No. 6 Vein Slope	DM Schuylkill	-	-	5,841	95	5,936 b	2,000	-	266	4	-	-	-	-
Acme Coal Co. L. V. No. 5 Vein Slope	DM Schuylkill	-	-	5,076	83	5,159 b	2,000	-	113	8	-	-	-	-
Clark Coal Co. No. 1 Slope	DM Schuylkill	2,329	5,123	37	17	7,506	2,150	-	175	6	-	-	1	-
No. 2 Slope	DM Schuylkill	6,414	10,091	1,135	46	17,686	9,050	-	305	14	-	-	3	-
Total		8,743	15,214	1,172	63	25,192 c	11,200	-	-	20	-	-	4	-
Elizabethville Coal Co. Elizabethville Washery	W Dauphin	-	-	-	-	-	-	-	164	3	-	-	-	-
Elizabethville Bank	bk Dauphin	-	18,000	-	-	18,000	-	-	164	1	-	-	-	-
Total		-	18,000	-	-	18,000 d	-	-	-	4	-	-	-	-
Gangloff Brothers Williamstown Silt Bank	bk Dauphin	100,000	20,000	-	-	120,000 e	-	-	168	7	-	-	-	-
Harner Coal Co. Skidmore Slope	DM Schuylkill	9,198	13,922	1,676	64	24,860 a	19,550	-	306	11	-	-	2	-
K. E. W. Coal Co. White's Vein Slope	DM Schuylkill	1,096	144	3,668	-	4,908 f	960	-	240	5	-	-	-	-
Kerrigan Coal Co., Paul Kerrigan Breaker	BP Dauphin	-	-	-	-	-	-	-	118	10	-	-	2	-
Koppenhaver Coal Co. Buck Mountain Slope	DM Schuylkill	2,906	4,487	50	12	7,455 g	6,550	-	212	5	-	-	-	-
L. & M. Coal Co. White's Vein Slope	DM Schuylkill	381	577	9,292	62	10,312 h	5,200	-	208	5	-	-	1	-
L. O. B. Coal Co. Buck Mountain Slope	DM Schuylkill	770	1,165	140	5	2,080 a	4,800	-	240	3	-	-	-	-
Meadowbrook Coal Co. Meadowbrook Breaker	BP Dauphin	-	-	-	-	-	-	-	77	2	-	-	-	-
Meadowbrook Washery	W Dauphin	-	-	-	-	-	-	-	162	2	-	-	-	-
Meadowbrook Bank	bk Dauphin	-	8,039	-	-	8,039	-	-	162	1	-	-	-	-
Total		-	8,039	-	-	8,039 i	-	-	-	5	-	-	-	-
No. 4 Coal Co. White's Vein Slope	DM Schuylkill	2,246	1,918	9,527	9	13,700 j	5,500	-	240	8	-	-	3	-
Phoenix Contracting Co. Sheridan Silt Bank	bk Schuylkill	2,801	17,395	-	12	20,208 k	-	-	180	5	-	-	-	-
Pine Creek Coal Co. Pine Creek Breaker	BP Schuylkill	-	-	-	-	-	-	-	289	16	-	-	-	-

		District 12 Production - net tons					Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oyes	acci- dents	acci- dents		
		By railroad	By truck	to local trade	colliery for steam and heat									
R. & S. Coal Co. Hurdock Tunnel	DM Schuylkill	406	400	1,681	4	2,491 l	4,000	-	270	6	-	-	-	-
Shomper Coal Co. Shomper Breaker	BP Dauphin	-	-	-	-	-	-	-	225	3	-	-	-	-
Stonehill Coal Co. Stonehill Breaker	BP Dauphin	-	-	-	-	-	-	-	311	4	-	-	-	-
Strohecker Coal Co. Strohecker Breaker	BP Dauphin	-	-	-	-	-	-	-	226	9	-	-	-	-
Underkoffler Coal Co. Underkoffler Breaker	BP Dauphin	-	-	-	-	-	-	-	248	24	-	-	1	-
Valley Construction Co. L. V. No. 6 Vein Slope	DM Dauphin	-	5,645	-	-	5,645 m	2,500	-	230	5	-	-	-	-
White's Vein Coal Co. White's Vein Slope	DM Schuylkill	1,143	203	3,987	1	5,334 n	3,000	-	280	5	-	-	-	-
District Total		133,733	113,229	42,847	438	290,247	72,460	-	230	183	-	-	13	-

DM - Deep Mined bk - Bank B - Breaker BP - Breaker Preparation Only. W - Washery

- NOTE: (a) All coal prepared at Kocher Breaker - District 16. (i) All coal prepared at Meadowbrook Washery.
 (b) All coal prepared at Underkoffler Breaker. (j) 10,275 tons prepared at Strohecker Breaker
 (c) 17,088 tons prepared at Kocher Breaker - District 16 (k) 3,425 tons prepared at Kocher Breaker - District 16
 7,850 tons prepared at Legal Breaker - District 16 (l) All coal prepared at Black Heath Breaker - District 19.
 254 tons prepared at Superior Breaker - District 16 (m) 1,610 tons prepared at Strohecker Breaker
 (d) All coal prepared at Elizabethville Washery. (n) 668 tons prepared at Kocher Breaker - District 16
 (e) All unprepared Silt shipped to Pennsylvania Power & Light Co., Sunbury, Pa. 150 tons prepared at Pine Creek Breaker
 (f) All coal prepared at Penag Breaker - District 30. 36 tons prepared at Hillside Breaker - District 21
 (g) 3,296 tons prepared at Legal Breaker - District 16 27 tons prepared at Penag Breaker - District 30
 (h) 2,159 tons prepared at Donaldson Breaker - District 30 (o) All coal sold unprepared to itinerate Truckers.
 9,281 tons prepared at Pine Creek Breaker (p) 4,716 tons prepared at Penag Breaker - District 30
 1,031 tons prepared at Kocher Breaker - District 16 467 tons prepared at Strohecker Breaker

		District 13					Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oyes	acci- dents	acci- dents		
		By railroad	By truck	to local trade	colliery for steam and heat									
Glen Alden Corporation Huber Breaker	B Luzerne	-	-	-	-	-	-	-	203	98	-	-	12	-
Huber Colliery Ashley Mines	DM Luzerne	320,473	83,874	107,246	376	511,969 a	551,000	3,000	233	634	-	-	133	-
Huber Colliery No. 132 Slope	DM Luzerne	8,100	2,124	3,017	38	13,279 b	12,000	-	236	12	1	-	2	-
Sugar Notch Ought Tunnel	DM Luzerne	112,714	30,060	38,437	135	181,346 a	127,500	5,000	240	154	-	-	25	-

		District 13 Production - net tons					Pounds				Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
Glen Alden Corporation (Continued)												
Sugar Notch No. 210 Slope	DM Luzerne	17,385	4,637	5,929	22	27,973 a	44,500	-	236	18	-	-
Sugar Notch Maffetts Bank	bk Luzerne	3,442	903	1,295	4	5,644 c	-	-	22	15	-	-
Truesdale No. 213 Slope	DM Luzerne	31,459	8,252	11,827	34	51,572 d	49,900	3,750	158	61	-	6
Total		493,573	129,850	167,751	609	791,783	784,900	11,750	992	1	178	
V-R Coal Corporation												
South Wilkes-Barre Colliery	DM Luzerne	63,198	16,576	23,694	135	103,603 e	91,500	-	183	66	-	9
District Total		556,771	146,426	191,445	744	895,386	876,400	11,750	220	1,058	1	187

DM - Deep Mined bk - Bank B - Breaker BP - Breaker Preparation Only W - Washery

NOTE: (a) All coal prepared at Huber Breaker (d) 44,695 tons prepared at Huber Breaker
 (b) 8,249 tons prepared at Huber Breaker 5,883 tons prepared at Loree Breaker - District 10
 4,211 tons prepared at Loree Breaker - District 10 370 tons prepared at Taylor Breaker - District 10
 819 tons prepared at Dorrance Breaker - District 10 624 tons prepared at Dorrance Breaker - District 10
 (c) All coal prepared at Loomis Breaker - District 11. (e) 1,213 tons prepared at Huber Breaker
 Maffetts Bank finished operation in March 1965. 94,252 tons prepared at Loree Breaker - District 10
 8,138 tons prepared at Taylor Breaker - District 10

		District 15					Pounds				Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
Aljac Coal Co., Inc.	DM Schuylkill	-	269	1,221	10	1,500 a	300	55	171	9	-	-
No. 1 Copley Buck Slope												
Audensried Mines, Inc.	DM Schuylkill	11,964	7,214	2,395	-	21,573 b	24,400	-	222	30	-	1
No. 11 Slope												
Beaver Brook Coal Co.	BP Luzerne	-	-	-	-	-	-	-	186	52	-	-
Beaver Brook Breaker												
Big Buck Coal Co.	BP Luzerne	-	-	-	-	-	-	-	80	2	-	-
Big Buck Breaker												
Buckley Coal Corp.	BP Luzerne	-	-	-	-	-	-	-	177	12	-	-
Eckley Breaker												
Coleby Coal Co., Inc.	bk Schuylkill	32,291	-	-	-	32,291	-	-	134	6	-	-
Candleton Bank												
Candleton Washery	W Schuylkill	-	-	-	-	-	-	-	134	5	-	-
Total		32,291	-	-	-	32,291 d	-	-	11	-	-	-
Cunningham Coal Co.												
Admiral Silt Dam	bk Luzerne	35,195	1,484	1,564	-	38,243	-	-	87	10	-	-
Hazleton Shaft Silt Dam	bk Luzerne	35,216	1,485	1,565	-	38,266	-	-	53	9	-	-
Lion Bank	bk Luzerne	12,068	508	537	-	13,113	-	-	20	4	-	-

		District 15					Pounds				Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
Cunningham Coal Co. (Continued)												
Lion Breaker	B Luzerne	-	-	-	-	-	-	-	139	20	-	-
Total		82,479	3,477	3,666	-	89,622 e	-	-	43	-	-	-
Ginther Coal Co.												
Fine Coal Washery	W Schuylkill	-	-	-	-	- f	-	-	23	8	-	-
Gowen Coal Co.												
Tomhicken Bank	bk Luzerne	92	-	-	-	92	-	-	4	2	-	-
Gowen Breaker	B Luzerne	-	-	-	-	-	-	-	167	18	-	1
Total		92	-	-	-	92	-	-	20	-	-	1
Greybosh Coal Co., Inc.												
Greybosh Breaker	BP Luzerne	-	-	-	-	-	-	-	270	2	-	-
Honeybrook Mines, Inc.												
Honeybrook Breaker	B Schuylkill	-	-	-	-	-	-	-	233	58	-	-
Huss, George												
Beaver Brook Fine Coal Plant	W Luzerne	-	-	-	-	- h	-	-	27	5	-	-
Drifton Banks	bk Luzerne	1,501	1,135	378	-	3,014	-	-	102	10	-	-
Eckley Banks	bk Luzerne	159	132	44	-	335	-	-	6	4	-	-
George Huss Cullm Bank	bk Luzerne	508	363	122	-	993	-	-	27	4	-	-
Total		2,168	1,630	544	-	4,342 i	-	-	23	-	-	-
Jeddo-Highland Coal Co.												
Highland No. 5 Banks	bk Luzerne	185,212	4,320	1,003	2,838	193,373	-	-	210	46	-	-
Highland No. 5 Fine Coal Plant	B Luzerne	-	-	-	-	-	-	-	238	25	-	3
Jeddo No. 7 Breaker	B Luzerne	-	-	-	-	-	-	-	238	53	-	2
Upper Lehigh Bank	bk Luzerne	13,213	212	-	-	13,425	-	-	52	15	-	-
Total		198,425	4,532	1,003	2,838	206,798 j	-	-	139	-	-	5
Kassa Coal Co.												
No. 4 Slope	DM Carbon	-	6,071	4,048	-	10,119 k	12,000	-	240	7	-	-
Lee Mining Co., J. F.												
Drifton No. 1 Slope	DM Luzerne	467	5,453	9,660	20	15,600 l	11,000	-	237	14	-	1
Lehigh Valley Anthracite, Inc.												
Hazleton Shaft Bank	bk Luzerne	21,396	21,990	5,874	426	49,686	-	-	153	6	-	-
Hazleton Shaft Breaker	B Luzerne	-	-	-	-	-	-	-	143	114	-	10
Total		21,396	21,990	5,874	426	49,686 m	-	-	120	-	-	10
Leonard Coal Co.												
Leonard Breaker	BP Luzerne	-	-	-	-	-	-	-	30	2	-	-
Mazaika Coal Co.												
Mazaika Breaker	BP Schuylkill	-	-	-	-	-	-	-	303	3	-	-
Pleasant Hill Coal Co.												
Skidmore Drift	DM Schuylkill	20	560	1,743	6	2,329	6,400	50	81	6	-	-

		District 15 Production - net tons				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat								
Pleasant Hill Coal Co. (Continued)													
Skidmore Slope	DM Schuylkill	14	372	1,162	6	1,554	300	50	65	-	-	-	-
	Total	34	932	2,905	12	3,883 n	6,700	100	6	-	-	-	-
Racho, George													
Crystal Ridge Banks	bk Luzerne	193	2,249	3,983	-	6,425	-	-	89	7	-	-	-
Hazwood Banks	bk Luzerne	70,950	9,611	-	-	80,561	-	-	183	7	-	-	-
Hazleton Shaft Bank	bk Luzerne	100,028	98,738	-	-	198,766	-	-	229	14	-	-	-
	Total	171,171	110,598	3,983	-	285,752 o	-	-	28	-	-	-	-
Simoes & Co., Manuel													
Skidmore Slope	DM Schuylkill	79	925	1,638	6	2,648 l	1,050	-	148	10	-	-	-
Tedesco Coal Co., Inc.													
Tedesco Bank	bk Luzerne	-	-	845	-	845	-	-	100	3	-	-	-
Tedesco Breaker	B Luzerne	-	-	-	-	-	-	-	123	4	-	-	-
	Total	-	-	845	-	845 p	-	-	7	-	-	-	-
Valley Coal Co.													
Valley Breaker	BP Schuylkill	-	-	-	-	-	-	-	209	2	-	-	-
Wesner Coal Co.													
Wesner Breaker	BP Schuylkill	-	-	-	-	-	-	-	271	5	-	-	-
Wiconisco Washery, Inc.													
Beaver Meadow Bank	bk Carbon	-	1,901	-	-	1,901 g	-	-	107	2	-	-	-
	District Total	520,566	164,992	37,782	3,312	726,652	55,450	155	174	615	-	-	18

DM - Deep Mined bk - Bank B - Breaker BP - Breaker Preparation Only. W - Washery

NOTE: (a) All coal prepared at Starwood Breaker - District 26. (k) All coal prepared at Kassa Breaker - District 10.
 (b) All coal prepared at Honeybrook Breaker. (l) All coal prepared at Blaschak Breaker - District 26.
 (c) New Breaker started operations on October 1, 1965. (m) 33,050 tons prepared at Hazleton Shaft Breaker.
 (d) All coal prepared at Candleton Washery. 16,636 tons prepared at Jeddo No. 7 Breaker
 (e) All coal prepared at Lion Breaker. (n) 686 tons prepared at Wesner Breaker
 (f) New Washery started operations on December 1, 1965. 1,133 tons prepared at Blaschak Breaker - District 26
 (g) All coal prepared at Gowen Breaker. 800 tons prepared at Skytop Breaker - District 26
 (h) New Washery started operations on November 1, 1965. 1,252 tons prepared at Starwood Breaker - District 26
 (i) 3,349 tons prepared at Beaver Brook Breaker Skidmore Slope finished during April 1965. Men were
 993 tons prepared at Beaver Brook Fine Coal Plant transferred from Skidmore Slope to Drift. Operated
 (j) 186,236 tons prepared at Highland No. 5 Fine Coal Plant as small mine during May, June, July and August 1965.
 5,240 tons prepared at Jeddo No. 7 Breaker (o) 6,425 tons prepared at Blaschak Breaker - District 26
 15,322 tons prepared at Lion Breaker 279,327 tons shipped direct to Pennsylvania Power & Light Co.

		District 15 Production - net tons				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat								
NOTE: (p) All coal prepared at Tedesco Breaker. (q) All coal prepared at Ginther Fine Coal Washery.													
District 16													
B. & C. Coal Co.	DM Schuylkill	4,545	2,959	122	-	7,626 a	1,425	-	238	3	-	-	-
No. 2 Vein Slope	DM Schuylkill	3,498	490	11,668	-	15,656 b	6,425	-	257	8	-	-	-
B. & M. Coal Co.	DM Schuylkill	1,190	2,054	4,581	37	7,862	1,175	-	278	3	-	-	-
B. & M. Tunnel	DM Schuylkill	557	1,001	767	7	2,332	975	-	218	4	-	-	-
Bixler Coal Co.	DM Schuylkill	1,747	3,055	5,348	44	10,194 c	2,150	-	7	-	-	-	-
Middle Split Slope	DM Schuylkill	43,556	29,426	5,924	792	79,698 d	48,000	-	247	32	-	-	4
Skidmore Slope	DM Schuylkill	2,705	830	6,607	3	10,145 e	4,000	-	94	6	-	-	-
Bush Coal Co.	DM Schuylkill	2,855	6,409	4,188	13	13,465 f	7,550	-	295	14	-	-	2
Top Split Slope	DM Schuylkill	-	-	372	3	375 g	200	-	20	5	-	-	-
C. K. S. Coal Co.	DM Schuylkill	7,826	26,674	6,767	125	41,392 h	80,000	-	307	15	-	-	2
No. 2 Vein Slope	DM Schuylkill	3,874	2,522	104	-	6,500 a	3,900	-	270	4	-	-	-
D. H. & W. Coal Co.	DM Schuylkill	3,542	1,538	5,072	-	10,152 i	5,850	-	245	4	-	-	-
Middle Split Slope	DM Schuylkill	1,466	3,304	931	14	5,715 j	6,200	-	290	6	-	-	2
E. & H. Coal Co.	DM Schuylkill	3,816	4,265	73	8	8,162 k	6,250	-	208	5	-	-	-
Middle Split Slope	DM Schuylkill	305	462	56	2	825	600	-	87	4	-	-	-
Erdman Coal Co.	DM Schuylkill	305	462	56	2	825 l	2,000	-	204	4	-	-	-
Middle Split Slope	DM Schuylkill	305	462	56	2	825 l	2,000	-	204	4	-	-	-
Good Spring Coal Co.	DM Schuylkill	8,292	18,779	-	62	27,133 m	13,600	-	249	14	-	-	1
Holmes Slope	DM Schuylkill	5,710	19,752	1,293	41	26,796 n	16,500	-	272	14	-	-	1
Green Coal Co.	DM Schuylkill												
No. 2 Vein Slope	DM Schuylkill												
H. & W. Coal Co.	DM Schuylkill												
Middle Split Slope	DM Schuylkill												
Harman Coal Co.	DM Schuylkill												
Buck Mountain Slope	DM Schuylkill												
Hatter Coal Co.	DM Schuylkill												
Buck Mountain Slope	DM Schuylkill												
Middle Split Slope	DM Schuylkill												
	Total	305	462	56	2	825 l	2,000	-	8	-	-	-	-
High Test Coal Co.	DM Schuylkill												
Skidmore Slope	DM Schuylkill												
J. & C. Coal Co.	DM Schuylkill												
Skidmore Slope	DM Schuylkill												

		District 16 Production - net tons				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck										
Johnson Coal Co. Skidmore Slope	DM Schuylkill	144	1,366	1,648	10	3,168 o	650	-	185	4	-	-	
Keffers Coal Co. Keffers Breaker	BP Schuylkill	-	-	-	-	-	-	-	59	2	-	-	
Kocher Coal Co. Kocher Breaker	BP Schuylkill	-	-	-	-	-	-	-	288	46	-	-	
L. & H. Coal Co. No. 2 Vein Slope	DM Schuylkill	364	3,992	1,213	-	5,569 p	2,000	-	181	6	-	-	
Legal Coal Co. Legal Breaker	BP Schuylkill	-	-	-	-	-	-	-	267	18	-	-	
M. A. C. C. Coal Co. No. 1 Middle Split Slope	DM Schuylkill	4,066	12,091	1,467	41	17,665 q	14,575	-	252	13	-	6	
Ney & Lehman Coal Co. No. 1 Slope	DM Schuylkill	1,770	6,552	1,123	21	9,466	8,000	-	264	4	-	-	
No. 2 Slope	DM Schuylkill	1,381	4,067	378	6	5,832	6,600	-	264	4	-	1	
Total		3,151	10,619	1,501	27	15,298 r	14,600	-	8	8	-	1	
Parkway Anthracite Co., Inc. Mammoth Slope	DM Schuylkill	4,009	25,261	-	76	29,346 s	3,800	-	200	25	-	3	
R. & K. Coal Co. Skidmore Slope	DM Schuylkill	10,606	16,257	28,776	243	55,882 t	5,650	-	260	15	-	4	
R. & J. Coal Co. No. 2 Vein Slope	DM Schuylkill	6,505	2,909	8,726	-	18,140 u	2,450	-	228	6	-	-	
S. & S. Coal Co. Skidmore Slope	DM Schuylkill	11,018	21,454	849	80	33,401 v	18,900	-	298	14	-	1	
S. & W. Coal Co. Middle Split Slope	DM Schuylkill	5,675	10,675	7,712	112	24,174 w	16,500	-	294	11	-	1	
Shade Coal Co. No. 2 Vein Slope	DM Schuylkill	1,400	196	5,865	12	7,473 x	2,500	-	266	5	-	-	
Shuey Coal Co. Primrose Slope	DM Schuylkill	3,395	9,416	1,810	21	14,642 y	11,400	-	266	11	-	-	
Stahl & Shade Coal Co. No. 2 Vein Slope	DM Schuylkill	17,347	12,132	465	-	29,944 z	13,775	-	283	8	-	-	
Stahl Coal Co. No. 2 Vein Slope	DM Schuylkill	470	382	2,830	9	3,691 aa	3,900	-	101	9	-	-	
Superior Coal Co. Superior Breaker	BP Schuylkill	-	-	-	-	-	-	-	308	10	-	-	
W. & U. Coal Co. No. 2 Vein Slope	DM Schuylkill	2,384	1,552	64	-	4,000 a	1,600	-	160	5	-	-	

		District 16 Production - net tons				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents	
		By railroad	By truck										
Wiest Coal Co. Primrose Slope	DM Schuylkill	927	3,417	160	2	4,506 bb	3,800	-	291	5	-	-	
Williamson Coal Co. Skidmore Slope	DM Schuylkill	4,510	29,115	4,278	22	37,925 cc	30,250	-	286	18	-	6	
District Total		169,708	281,299	115,889	1,762	568,658	351,000	-	250	384	-	34	
DM - Deep Mined	bk - Bank	B - Breaker				BP - Breaker Preparation Only				W - Washery			

NOTE: (a) All coal prepared at Donaldson Breaker - District 30.
 (b) All coal prepared at Penag Breaker - District 30
 (c) 1,790 tons prepared at Legal Breaker
 3,242 tons prepared at Kocher Breaker
 5,162 tons prepared at Pine Creek Breaker - District 12
 (d) 35,028 tons prepared at Underkoffler Breaker - District 12
 14,522 tons prepared at Drenzo Breaker - District 19
 1,812 tons prepared at Strohecker Breaker - District 12
 3,010 tons prepared at Schneck's Breaker - District 30
 12,148 tons prepared at Franklin Breaker - District 30
 878 tons prepared at Kocher Breaker
 886 tons prepared at Swatara Breaker - District 21
 8,629 tons prepared at Olenick Breaker - District 19
 2,785 tons prepared at B. & N. Breaker - District 18
 (e) 8,159 tons prepared at Penag Breaker - District 30
 505 tons prepared at Pine Creek Breaker - District 12
 1,481 tons prepared at Donaldson Breaker - District 30
 (f) All coal prepared at Reidinger Breaker - District 24
 (g) All coal prepared at Pine Creek Breaker. Ceased operations January 26, 1965.
 (h) 17,904 tons prepared at Schneck's Breaker - District 30
 14,995 tons prepared at Oakwood Breaker - District 30
 4,766 tons prepared at Hillside Breaker - District 21
 1,912 tons prepared at K. & P. Breaker - District 19
 1,815 tons prepared at Underkoffler Breaker - District 12
 (i) 6,730 tons prepared at Penag Breaker - District 30
 3,422 tons prepared at Donaldson Breaker - District 30
 (j) All coal prepared at Legal Breaker.
 (k) 3,614 tons prepared at Legal Breaker
 4,548 tons prepared at Donaldson Breaker - District 30

(l) All coal prepared at Kocher Breaker.
 Buck Mountain Slope ceased operations January 29, 1965.
 (m) All coal prepared at Legal Breaker
 (n) 12,582 tons prepared at Kocher Breaker
 4,199 tons prepared at Oakwood Breaker - District 30
 10,015 tons prepared at Strohecker Breaker - District 12
 (o) 1,510 tons prepared at Strohecker Breaker - District 12
 1,658 tons prepared at Pine Creek - District 12
 (p) 1,628 tons prepared at Penag Breaker - District 30
 3,941 tons sold unprepared to itinerate truckers - District 12
 (q) 10,528 tons prepared at Kocher Breaker
 7,137 tons prepared at Oakwood Breaker - District 30
 (r) 3,756 tons prepared at Schneck's Breaker - District 30
 4,707 tons prepared at Oakwood Breaker - District 30
 1,003 tons prepared at Old Mill Breaker - District 19
 2,221 tons prepared at Donaldson Breaker - District 30
 3,611 tons prepared at Kocher Breaker - District 30
 (s) All coal prepared at Black Heath Breaker - District 19
 (t) 30,563 tons prepared at Kocher Breaker
 29,062 tons prepared at Pine Creek Breaker - District 12
 896 tons prepared at Legal Breaker
 (u) 11,575 tons prepared at Penag Breaker - District 30
 6,565 tons prepared at Donaldson Breaker - District 30
 (v) 20,817 tons prepared at Legal Breaker
 12,584 tons prepared at Kocher Breaker
 (w) 5,113 tons prepared at Legal Breaker
 6,639 tons prepared at Kocher Breaker
 7,003 tons prepared at Underkoffler Breaker - District 12
 317 tons prepared at Hillside Breaker - District 21

		District 16 Production - net tons				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives	Pounds dynamite used	Days worked	Empl- oyes	acci- dents	fatal acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat								
NOTE: (x)	6,267 tons prepared at Penag Breaker - District 30				(bb)	2,950 tons prepared at Strohecker Breaker - District 12							
	1,206 tons prepared at Underkoffler Breaker - District 12					666 tons prepared at Kocher Breaker							
(y)	3,080 tons prepared at Olenick Breaker - District 19					340 tons prepared at Reidinger Breaker - District 24							
	3,701 tons prepared at Maple Spring Breaker - District 19					550 tons prepared at Donaldson Breaker - District 30							
	4,184 tons prepared at Kocher Breaker				(cc)	17,916 tons prepared at Strohecker Breaker - District 12							
	2,396 tons prepared at Legal Breaker					10,476 tons prepared at Superior Breaker							
	1,281 tons prepared at Old Mill Breaker - District 19					6,085 tons prepared at Legal Breaker							
(z)	29,105 tons prepared at Donaldson Breaker - District 30					1,897 tons prepared at Stonehill Breaker - District 12							
	839 tons sold unprepared to itinerate truckers - District 12					1,551 tons prepared at Meadowbrook Breaker - District 12							
(aa)	2,079 tons prepared at Penag Breaker - District 30												
	1,255 tons prepared at Pine Creek Breaker - District 12												
	357 tons prepared at Koch Breaker - District 30												

		District 17				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives	Pounds dynamite used	Days worked	Empl- oyes	acci- dents	fatal acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat								
Banks Coal Co.													
No. 10 Vein S.D. Slope	DM Northumberland	239	-	5,487	-	5,726 a b	2,500	-	244	5	-	-	-
D. H. & W. Coal Co.													
No. 2 & 4 Slopes	DM Northumberland	7,302	13,044	18,295	5	38,646 c	20,500	-	292	13	-	-	-
No. 1 Slope	DM Northumberland	-	-	-	-	- d	-	-	36	-	-	-	-
No. 3 Slope	DM Northumberland	-	-	-	-	- d	-	-	27	-	-	-	-
Total		7,302	13,044	18,295	5	38,646	20,500	-		13	-	-	-
Dallabrida Coal Co.													
Mount Poco No. 3 S.D. Slope	DM Northumberland	843	-	18,757	-	19,600 a	9,800	800	285	12	-	-	-
Fairdeal Coal Co.													
No. 9 Vein S. D. Slope	DM Northumberland	1,595	8,679	2,905	2	13,181 e	2,650	-	306	10	-	1	-
H. J. & H. Coal Co.													
H. J. & H. Breaker	BP Northumberland	-	-	-	-	-	-	-	309	6	-	-	-
Phillips Coal Co.													
Nos. 3 & 4 Slopes	DM Northumberland	2,694	2,780	6,668	6	12,148 f	6,200	-	300	8	-	1	-
Nos. 5 & 6 Slopes	DM Northumberland	1,595	5,369	5,716	1	10,681 g	1,200	-	315	6	-	-	-
Total		4,289	8,149	10,384	7	22,829	7,400	-		14	-	1	-
Reading Anthracite Co.													
Trevorton Breaker	BP Northumberland	-	-	-	-	-	-	-	179	18	-	1	-
North Franklin Slush Bank	bk Northumberland	30,411	430	5,876	-	36,717	-	-	82	5	-	-	-
Total		30,411	430	5,876	-	36,717 h	-	-		23	-	1	-
District Total		44,679	30,302	61,704	14	136,699	42,850	800	266	83	-	3	-
DM - Deep Mined	bk - Bank												
		B - Breaker				BP - Breaker Preparation Only						W - Washery	

		District 17				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives	Pounds dynamite used	Days worked	Empl- oyes	acci- dents	fatal acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat								
NOTE: (a)	All coal prepared at Bar Mac Breaker - District 24				(e)	10,374 tons prepared at Sunshine Breaker - District 28							
	Formerly operated by Slo-Burn Coal Co., Inc. who produced 1,324 tons, worked 19 days, 9 men in 1965, used 350 pounds dynamite.					1,850 tons prepared at Bar Mac Breaker - District 24							
(c)	17,277 tons prepared at North Line Breaker - District 24					957 tons prepared at Reidinger Breaker - District 24							
	9,200 tons prepared at Sunshine Breaker - District 28					6,100 tons prepared at North Line Breaker - District 24							
	5,780 tons prepared at D. & Z. Breaker - District 24					6,048 tons prepared at Reidinger Breaker - District 24							
	5,450 tons prepared at Reidinger Breaker - District 24					4,473 tons prepared at North Line Breaker - District 24							
	19 tons prepared at Swift Breaker - District 24					3,840 tons prepared at Sunshine Breaker - District 28							
	920 tons prepared at Split Vein Breaker - District 24					2,260 tons prepared at H. J. & H. Breaker - District 17							
(d)	Slopes used for pumping.					94 tons prepared at Reidinger Breaker - District 24							
						14 tons prepared at Bar Mac Breaker - District 24							
						(h) All coal prepared at Trevorton Breaker							

		District 18				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives	Pounds dynamite used	Days worked	Empl- oyes	acci- dents	fatal acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat								
A. & D. Coal Co.													
Mammoth Slope	DM Schuylkill	-	11,068	2,308	130	13,506 a	5,000	-	292	7	-	-	-
Anthracite By-Products Co.													
No. 11 Bank	bk Schuylkill	5,445	4,271	961	-	10,677 b	-	-	159	6	-	-	-
B. & N. Coal Co.													
B. & N. Breaker	BP Schuylkill	-	-	-	-	-	-	-	208	5	-	1	-
Bernitsky Coal Co.													
No. 1 Slope	DM Schuylkill	1,158	4,742	4,096	101	10,097 c	4,500	-	247	8	-	2	-
Big Pine Coal, Inc.													
No. 1 Tunnel	DM Schuylkill	24	10	307	4	345 d e	1,250	-	62	3	-	-	-
Bliss & Son, Inc., R. I.													
Bliss Washery	W Carbon	-	-	-	-	-	-	-	174	5	-	-	-
Bliss Bank	bk Carbon	19,884	17,873	-	-	37,757 f	-	-	174	5	-	-	-
Total		19,884	17,873	-	-	37,757 f	-	-		10	-	-	-
Brockton Black Beauty Coal Co.													
Brockton Breaker	BP Schuylkill	-	-	-	-	-	-	-	240	4	-	-	-
Habel Coal Co.													
Top Split Mammoth Slope	DM Schuylkill	-	4,751	848	57	5,656 g h	3,500	200	220	6	-	-	-
Correale Construction Co.													
Nesquehoning Cleaner Plant	B Carbon	-	-	-	-	-	-	-	24	3	-	-	-
Nesquehoning Bank	bk Carbon	4,914	8,036	1,104	4,819	18,873 i	-	-	24	7	-	1	-
Total		4,914	8,036	1,104	4,819	18,873 i	-	-		10	-	1	-
Farley & Inhat Coal Co.													
Buck Slope	DM Schuylkill	1,326	19,224	9,794	156	30,500 j	7,000	2,500	288	9	-	5	-
G. & L. Coal Co.													
Port Carbon Bank	bk Schuylkill	526	642	292	-	1,460 k	-	-	65	2	-	-	-

		District 18 Production - net tons				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	fatal acci-dents	
		By railroad	By truck	to local trade	to colliery for steam and heat								production
Greenwood Mining Co.		-	-	-	-	-	-	-	240	94	-	8	
Greenwood Breaker	BP Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
Grigas Coal Co.		-	264	3,003	33	3,300 l	5,500	-	86	6	-	-	
Patterson Tunnel	DM Schuylkill	-	274	338	7	720 m	700	-	53	3	-	-	
J. D. S. Coal Co.		-	-	-	-	-	-	-	186	16	-	-	
Silver Creek Tunnel	DM Schuylkill	101	-	-	-	-	-	-	52	5	-	-	
J. & E. Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
J. & E. Breaker	BP Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
K. M. & F. Coal Service		-	-	-	-	-	-	-	260	7	-	-	
K. M. & F. Breaker	BP Schuylkill	-	-	-	-	-	-	-	260	6	-	-	
Klimas Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
No. 7 Slope	DM Schuylkill	1,349	3,721	4,117	93	9,280 o	4,000	1,500	280	9	-	2	
Kristoff Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Four Foot Slope	DM Schuylkill	1	7,703	1,472	94	9,270 p	4,600	-	257	7	-	-	
Lanscoal Mining Co., Inc.		-	-	-	-	-	-	-	-	-	-	-	
No. 9 Slope	DM Carbon	12,994	10,278	2,358	-	25,630 b	20,350	3,900	242	18	-	-	
Laurel Hill Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Coal Hill Drift	DM Schuylkill	514	220	6,531	73	7,338 d	3,250	650	254	6	-	-	
Lehigh Valley Anthracite, Inc.		-	-	-	-	-	-	-	-	-	-	-	
Salem Creek Breaker	BP Schuylkill	-	-	-	-	-	-	-	224	6	-	1	
Manbeck Dredging Co., Inc.		-	-	-	-	-	-	-	-	-	-	-	
No. 6 Washery	W Carbon	-	-	-	-	-	-	-	260	7	-	-	
No. 6 Bank	bk Carbon	-	61,000	-	-	61,000	-	-	260	6	-	1	
Total		-	61,000	-	-	61,000 q	-	-	-	13	-	1	
Mar Strip & Excavating Co.		-	-	-	-	-	-	-	-	-	-	-	
No. 5 Bank	bk Carbon	9,821	7,768	1,782	-	19,371 b	-	-	152	6	-	1	
Mountain Side Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Mountain Side Breaker	BP Schuylkill	-	-	-	-	-	-	-	300	2	-	-	
R. & R. Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
R. & R. Washery	W Carbon	-	-	-	-	-	-	-	118	1	-	1	
R. & R. Bank	bk Carbon	-	-	967	-	967	-	-	118	1	-	-	
Total		-	-	967	-	967 r	-	-	-	2	-	1	
Randolph Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Randolph Washery	W Schuylkill	-	-	-	-	-	-	-	243	2	-	-	
Randolph Bank	bk Schuylkill	-	3,030	-	-	3,030	-	-	243	1	-	-	
Total		-	3,030	-	-	3,030 s	-	-	-	3	-	-	
Reading Anthracite Co.		-	-	-	-	-	-	-	-	-	-	-	
Pine Forest Cleaner Plant	B Schuylkill	-	-	-	-	-	-	-	169	7	-	2	

		District 18 Production - net tons				Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	fatal acci-dents	
		By railroad	By truck	to local trade	to colliery for steam and heat								production
Reisey Coal Co.		-	12	563	-	575 t	500	-	37	5	-	-	
Primrose Slope	DM Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
Schickram, William		-	-	-	-	-	-	-	-	-	-	-	
No. 8 Bank	bk Schuylkill	20,098	15,896	3,647	-	39,641	-	-	230	11	-	-	
No. 9	Carbon	-	-	-	-	-	u	-	30	1	-	-	
Total		20,098	15,896	3,647	-	39,641 b	-	-	-	12	-	-	
Silver Creek Coal Co., Inc.		-	-	-	-	-	-	-	-	-	-	-	
Silver Creek Breaker	BP Schuylkill	-	-	-	-	-	-	-	121	8	-	-	
Smith Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Buck Slope	DM Schuylkill	-	7,367	4,172	62	11,601 v	7,050	-	298	7	-	-	
South Tamaqua Coal Pockets		-	-	-	-	-	-	-	-	-	-	-	
South Tamaqua Breaker	BP Schuylkill	-	-	-	-	-	-	-	226	5	-	-	
Spring Creek Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Spring Creek Breaker	BP Schuylkill	-	-	-	-	-	-	-	220	2	-	-	
Sunbury Co., Inc.		-	-	-	-	-	-	-	-	-	-	-	
New Philadelphia Washery	W Schuylkill	-	-	-	-	-	-	-	210	6	-	-	
New Philadelphia Bank	bk Schuylkill	44,000	-	-	-	44,000	-	-	210	7	-	-	
Total		44,000	-	-	-	44,000 w	-	-	-	13	-	-	
Whippoorwill Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Top Split Slope	DM Schuylkill	282	121	4,155	42	4,600 x	2,800	-	239	4	-	-	
Yob Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Holmes Slope	DM Schuylkill	1,200	4,020	720	60	6,000 y	400	300	250	3	-	-	
Zakrewsky Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Leader Slope	DM Schuylkill	1,237	15,311	1,691	176	18,415 x	16,200	-	241	9	-	-	
District Total		124,874	207,602	55,226	5,907	393,609	86,600	9,050	212	341	-	25	
DM - Deep Mined	bk - Bank	B - Breaker											
		BP - Breaker Preparation Only											
		W - Washery											

NOTE: (a) 13,506 tons prepared at J. & E. Breaker
469 tons prepared at Valley Breaker - District 15
(b) All coal prepared at Greenwood Breaker.
(c) 5,048 tons prepared at K. & P. Breaker - District 19
3,989 tons prepared at Glenn Worth Breaker - District 19
1,060 tons prepared at Silver Creek Breaker
(d) All coal prepared at K. M. & F. Breaker.
(e) Ceased operations in June, 1965.
(f) All coal prepared at Bliss Washery.
(g) All coal prepared at J. & E. Breaker.

(h) Bubel Coal Co. operated as Blue Jay Coal Co. up to February 1965 and as Northside Mining Co. during March 1965.
(i) All coal prepared at Honeybrook Breaker - District 15. Began operations in December 1965.
(j) 15,630 tons prepared at J. & E. Breaker
11,186 tons prepared at South Tamaqua Breaker
3,684 tons prepared at Wessner Breaker - District 15
(k) All coal prepared at Seltzer Breaker - District 26. Began operations in May and ceased in August 1965.
(l) All coal prepared at Brockton Breaker. Ceased operating in October 1965.

District 18
Production - net tons

Operators and Collieries	County	Shipped to market		Sold	Used at	Total	Pounds		Days	Empl-	Fatal	Non-
		By railroad	By truck	to local trade	colliery for steam and heat		permis-sible explosives	dynamite used				
NOTE: (m) All coal prepared at Silver Creek Breaker. Ceased operations in March 1965.					(u) Temporarily employed to transport coal from Lanscoal Mining Co. to Greenwood Breaker.							
(n) J. & E. Breaker operated as Hillside Breaker during January 1965.					(v) 6,196 tons prepared at J. & E. Breaker							
(o) 3,900 tons prepared at K. M. & F. Breaker					(w) 5,405 tons prepared at South Tamaqua Breaker.							
(p) 5,380 tons prepared at K. & P. Breaker - District 19					(x) All coal prepared at New Philadelphia Washery. Began operations in March 1965.							
(q) 9,162 tons prepared at J. & E. Breaker					(y) 4,032 tons prepared at K. M. & F. Breaker							
(r) 27 tons prepared at K. M. & F. Breaker					(z) 320 tons prepared at Spring Creek Breaker							
(s) 81 tons prepared at Brockton Breaker					(2) 248 tons prepared at Mountain Side Breaker							
(t) All coal prepared at No. 6 Washery.					(y) All coal prepared at K. & P. Breaker - District 19							
(u) All coal prepared at R. & R. Washery. Began operations in March and ceased in June 1965.					(z) 9,515 tons prepared at Black Heath Breaker - District 19							
(v) All coal prepared at Randolph Washery.					8,110 tons prepared at J. & E. Breaker							
(w) All coal prepared at Mazaika Breaker - District 15.					790 tons prepared at South Tamaqua Breaker							
(x) Ceased operating as Reiseg Coal Co. in April and began operating as Fedley Brothers Coal Co. small mine in May 1965.												

District 19

Allen Mining Co. Skidmore Slope	DM Schuylkill	543	21,839	5,252	16	27,650 a	14,900	-	190	16	-	1
Bosack Coal Co. Bosack Slope	DM Schuylkill	471	1,099	173	2	1,745 b	225	-	58	8	-	-
No. 2 Drift	DM Schuylkill	1,134	3,190	553	3	4,880 c	360	-	97	8	-	-
Total		1,605	4,289	726	5	6,625	585	-	16	16	-	-
Cass Contracting Co. Marlin Breaker	BP Schuylkill	-	-	-	-	-	-	-	114	12	-	1
Coxe Coal Co. Woods Drift	DM Schuylkill	283	3,808	5,040	23	9,154 d	9,000	11,850	198	9	-	-
D. E. & C. Co. D. E. & C. Bank	bk Schuylkill	52	62	8	3	125 e f	-	-	8	2	-	-
Dando Coal Co., F. P. No. 12 Rock Slope	DM Schuylkill	1,330	6,740	7,859	280	16,209 g	4,000	-	260	13	-	4
DiRenzo Coal Co. DiRenzo Breaker	BP Schuylkill	-	-	-	-	-	-	-	202	9	-	-
Glenn Worth Coal Co. Glenn Worth Breaker	BP Schuylkill	-	-	-	-	-	-	-	240	3	-	-
Gormas Coal Co. Gormas Bank	bk Schuylkill	33	40	5	2	80 e h	-	-	4	3	-	-
H. & P. Coal Co. No. 1 Buck Mountain Slope	DM Schuylkill	547	3,901	936	8	5,392 i	5,250	-	220	6	-	-

District 19
Production - net tons

Operators and Collieries	County	Shipped to market		Sold	Used at	Total	Pounds		Days	Empl-	Fatal	Non-
		By railroad	By truck	to local trade	colliery for steam and heat		permis-sible explosives	dynamite used				
Hegins Mining Co. Sharp Mountain Slope	DM Schuylkill	1,610	14,053	4,771	134	20,568 j	14,000	-	289	16	-	-
K. & P. Coal Co. K. & P. Breaker	BP Schuylkill	-	-	-	-	-	-	-	176	12	-	-
Kowalchick, Michael Kowalchick Breaker	BP Schuylkill	-	-	-	-	-	-	-	196	1	-	-
Live Oak Coal Co. Live Oak Breaker	BP Schuylkill	-	-	-	-	-	-	-	164	7	-	-
M. & N. Coal Co. Middle Split Slope	DM Schuylkill	1,340	7,843	2,138	12	11,333 k	6,250	-	241	8	-	4
Manbeck Dredging Co., Inc. Forestville Washery	W Schuylkill	-	-	-	-	-	-	-	270	6	-	-
Lytie Bank	bk Schuylkill	-	59,600	-	-	59,600 l	-	-	270	6	-	-
Lowland Washery	W Schuylkill	-	-	-	-	-	-	-	95	7	-	-
Lowland Bank	bk Schuylkill	2,078	2,450	-	-	4,528 m	-	-	95	6	-	-
Total		2,078	62,050	-	-	64,128	-	-	25	25	-	-
Maple Spring Coal Co., Inc. Maple Spring Breaker	BP Schuylkill	-	-	-	-	-	-	-	150	18	-	-
Minersville Coal Co., Inc. Minersville Breaker	BP Schuylkill	-	-	-	-	-	-	-	300	12	-	1
Old Mill Coal Yard Old Mill Breaker	BP Schuylkill	-	-	-	-	-	-	-	233	5	-	-
Olenick Brothers Coal Co. Olenick Breaker	BP Schuylkill	-	-	-	-	-	-	-	176	4	-	-
Otto M. Coal Co. No. 2 Buck Mountain Slope	DM Schuylkill	350	2,237	1,285	-	3,872 n	3,790	-	238	8	-	-
Phoenix Contracting Co. Black Heath Breaker	BP Schuylkill	-	-	-	-	-	-	-	165	12	-	-
Reading Anthracite Co. New St. Nicholas Breaker	B Schuylkill	-	-	-	-	-	-	-	237	33	-	8
New St. Nicholas Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	249	33	-	7
Beechwood Cleaner Plant	B Schuylkill	-	-	-	-	-	-	-	237	10	-	3
Oak Hill Slush Bank No. 73	bk Schuylkill	27,520	-	-	-	27,520	-	-	99	3	-	-
Total		27,520	-	-	-	27,520 o	-	-	79	18	-	18
Schuylkill Contracting Co. Buck Run Slush Bank	bk Schuylkill	-	7,466	-	-	7,466	-	-	31	7	-	-
Pine Hill Slush Bank	bk Schuylkill	-	5,591	-	-	5,591	-	-	27	5	-	-
Total		-	13,057	-	-	13,057 p	-	-	12	12	-	-

		District 19 Production - net tons				Pounds				Non-		
		Shipped to market		Sold to colliery		permis-				fatal		
		By railroad	By truck	to local trade	for steam and heat	Total production	sible explosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents
Operators and Collieries	County											
Seawallis Brothers Coal Co.	DM Schuylkill	3,947	6,400	1,972	21	12,340 q	11,000	4,000	227	8	-	-
Bottom Split Slope												
Walton, John	BP Schuylkill	-	-	-	-	-	-	-	140	2	-	-
West West Coal Co., Inc.												
No. 1 Slope	DM Schuylkill	40	2,665	1,807	6	4,518	4,000	200	225	6	-	2
No. 2 Slope	DM Schuylkill	23	1,566	1,062	4	2,655	2,000	-	75	6	-	-
Total		63	4,231	2,869	10	7,173 r	6,000	200		12		2
Westwood Coal Co.	DM Schuylkill	67	4,432	3,004	9	7,512 r	4,850	-	226	11	-	-
Westwood Slope												
Winnie Land Co., Inc.	W Schuylkill	-	-	-	-	-	-	-	54	7	-	1
Lytle Washery												
District Total		41,368	154,982	35,865	523	232,738	79,625	16,050	193	348	-	32
DM - Deep Mined	bk - Bank	B - Breaker		BP - Breaker Preparation Only			W - Washery					
NOTE:	(a) 27,636 tons prepared at Drenzo Breaker	(i) 91 tons prepared at Black Heath Breaker										
	14 tons prepared at Seltzer Breaker - District 26	2,165 tons prepared at B. & N. Breaker - District 18										
	(b) All coal prepared at Maple Spring Breaker. Ceased operations in May 1965.	714 tons prepared at Hillside Breaker - District 21										
	(c) 4,200 tons prepared at Maple Spring Breaker	(j) 3,427 tons prepared at Maple Spring Breaker										
	680 tons prepared at B. & N. Breaker - District 18	3,425 tons prepared at K. & P. Breaker										
	(d) 900 tons prepared at Olenick Breaker	(k) 13,716 tons prepared at Hillside Breaker - District 21										
	500 tons prepared at Black Heath Breaker	3,523 tons prepared at Olenick Breaker										
	611 tons prepared at Live Oak Breaker	5,387 tons prepared at Drenzo Breaker										
	4,000 tons prepared at Mazaika Breaker - District 15	2,423 tons prepared at Swatara Breaker - District 21										
	1,833 tons prepared at B. & N. Breaker - District 18	(l) All coal prepared at Forestville Washery.										
	700 tons prepared at D. & Z. Breaker - District 24	(m) All coal prepared at Lowland Washery.										
	610 tons prepared at Franklin Hydrotated Breaker - District 30	(n) All coal prepared at Old Mill Breaker.										
	(e) All coal prepared at Schneck's Breaker - District 30.	(o) All coal prepared at New St. Nicholas Fine Coal Plant.										
	(f) D. E. & C. Co. ceased operations in February 1965.	(p) All coal prepared at Lytle Washery.										
	(g) 6,657 tons prepared at Live Oak Breaker	(q) 4,600 tons prepared at Olenick Breaker										
	3,763 tons prepared at Olenick Breaker	(r) 7,740 tons prepared at Swatara Breaker - District 21										
	5,789 tons prepared at Reichwein & Beury Breaker - District 26	(s) All coal prepared at Minersville Breaker										
	(h) Ceased operations in December 1965.											
	(i) 1,099 tons prepared at Maple Spring Breaker											
	1,197 tons prepared at K. & P. Breaker											
	126 tons prepared at Olenick Breaker											

		District 20 Production - net tons				Pounds				Non-		
		Shipped to market		Sold to colliery		permis-				fatal		
		By railroad	By truck	to local trade	for steam and heat	Total production	sible explosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents
Operators and Collieries	County											
Burnrite Coal Co.	DM Columbia	-	15,700	-	-	15,700 a	9,300	-	288	9	-	-
No. 2 Lykens Vein Slope												
D. & D. Coal Co.	BP Northumberland	-	-	-	-	-	-	-	189	2	-	-
D. & D. Breaker												
D. R. Z. Coal Co.	DM Northumberland	93	284	203	-	580	500	-	72	5)	-	1
No. 2 Rock Slope	DM Northumberland	235	720	515	-	1,470 b	1,600	-	90)	-	-
No. 5 Vein Slope		328	1,004	718	-	2,050 c	2,100	-	5	-	-	1
Total												
Diamond Coal Co., Inc.	BP Northumberland	-	-	-	-	-	-	-	59	16	-	1
Diamond Breaker												
Ennis Coal Co.	DM Columbia	4,031	4,143	4,143	125	12,442 d	12,962	-	284	7	-	-
Locust Run Slope												
Hank's Coal Co.	DM Northumberland	-	2,150	-	-	2,150 a	1,800	-	191	4	-	-
No. 2 Lykens Vein Slope												
Hepler Coal Co.	DM Northumberland	3,636	3,736	3,736	112	11,220 d e	7,400	400	198	6	-	-
Skidmore S. D. No. 1 Slope												
K. & K. Coal Co.	BP Northumberland	-	-	-	-	- f	-	-	14	3	-	-
K. & K. Breaker												
M. & P. Coal Co.	bk Northumberland	-	4,210	-	-	4,210 g	-	-	167	2	-	-
Sayre Bank												
M. & W. Coal Co.	DM Columbia	5,624	5,781	5,781	174	17,360 d	8,200	-	290	12	2	1
Merriam Slope												
R. B. F. Coal Co.	bk Northumberland	1,116	113	413	84	1,726 h	-	-	65	3	-	-
Sagon Banks												
Racho, George	bk Northumberland	4,394	-	-	-	4,394 i	-	-	3	4	-	-
Pennsylvania Bank												
Rick Coal Co.	bk Northumberland	-	2,630	-	-	2,630 a	-	-	81	1	-	-
Pennsylvania Bank												
Savitski Brothers Coal Sales	BP Northumberland	-	-	-	-	-	-	-	295	6	-	-
Savitski Breaker												
Shuey & Morgan Coal Co.	DM Northumberland	1,956	2,011	2,011	60	6,038 d	3,000	-	224	4	-	-
No. 93 Slope												
State Coal Co., Inc.	bk Northumberland	62,248	63,978	63,978	1,921	192,125	-	-	252	24	-	-
Pennsylvania Banks	W Northumberland	-	-	-	-	-	-	-	252	17	-	-
Cleaning Plant		62,248	63,978	63,978	1,921	192,125 d	-	-	41	-	-	-
District Total		83,333	105,456	80,780	2,476	272,045	44,762	400	206	125	2	3
DM - Deep Mined	bk - Bank	B - Breaker		BP - Breaker Preparation Only			W - Washery					

District 20
Production - net tons

Operators and Collieries	County	Production - net tons				Total production	Pounds		Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market	Sold to colliery	Used at for steam and heat	Used at colliery for steam and heat		permis-sible ex-plosives used	Pounds dynamite used				
		By railroad	By truck	By local trade								

NOTE: (a) All coal shipped to Merck & Co., Inc. direct.
 (b) D. R. Z. Coal Co. - No. 5 Vein Slope ceased operations April 30, 1965, produced 1,470 tons worked 90 days, with same men, used 1,600 tons of dynamite.
 (c) All coal prepared at D. & Z. Breaker - District 24.
 (d) All coal prepared at Glen Burn Breaker - District 24.
 (e) Formerly K. & H. Coal Co. produced 1,220 tons, worked 38 days, with same men. Ceased operations February 1965.
 (f) K. & K. Breaker ceased operations in January 1965.
 (g) All coal shipped to Ranshaw Washery - District 29.
 (h) 226 tons prepared at D. & Z. Breaker - District 24
 1,200 tons prepared at Diamond Breaker
 300 tons prepared at Reidinger Breaker - District 24
 (i) All coal shipped direct to Pennsylvania Power & Light Co.

District 21

Operators and Collieries	County	Shipped to market	Sold to colliery	Used at for steam and heat	Total production	permis-sible ex-plosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
Anthracite Fine Coals, Inc.											
Blue Hill Slope	DM Schuylkill	4,768	3,104	128	-	8,000 a	3,500	-	235	11	-
Tremont Slope	DM Schuylkill	-	-	-	-	b	-	-	-	-	-
Total		4,768	3,104	128	-	8,000	3,500	-	11	-	-
Fetterolf Coal Co.											
No. 1 Slope	DM Schuylkill	174	406	64	1	645 c	400	-	36	5	-
Granves Coal Co.											
Granves Bank No. 1	bk Schuylkill	4,080	3,000	904	16	8,000 d	-	-	76	4	-
Hatter Coal Co.											
No. 1 Slope	DM Schuylkill	1,699	15,671	1,495	16	18,881 e	17,000	-	291	11	-
Hegins Mining Co.											
Hillside Breaker	B Schuylkill	-	-	-	-	-	-	-	270	7	-
No. 3-A Slope	DM Schuylkill	5,070	10,072	1,948	39	17,129 f	11,000	-	217	22	-
No. 5 West Slope	DM Schuylkill	-	1,332	570	2	1,904 g	3,000	-	50	18	-
Total		5,070	11,404	2,518	41	19,033	14,000	-	47	-	-
Hoover & Reed Coal Co.											
No. 3 Slope	DM Schuylkill	1,530	5,146	966	8	7,650 h	3,150	-	209	8	-
K. R. G. Coal Co.											
K. R. G. Slope	DM Schuylkill	1,295	1,960	236	9	3,500 f	2,400	-	76	10	-
K.S. F. Coal Co.											
K. S. F. Slope	DM Schuylkill	3,789	11,122	2,931	38	17,880 i	17,350	-	270	10	-
L. E. H. Mining Co.											
L. E. H. Slope	DM Schuylkill	-	1,386	592	2	1,980 g	3,200	-	98	5	-
Malho Coal Co.											
No. 4 Slope	DM Schuylkill	-	4,587	9,746	-	14,333	13,000	-	300	13	-
No. 5 Slope	DM Schuylkill	-	1,111	2,361	-	3,472	5,200	-	225	5	-
Total		-	5,698	12,107	-	17,805 j	18,200	-	18	-	2
Miller Coal Co.											
Miller Slope	DM Schuylkill	567	8,080	3,889	8	12,544 k	3,900	250	289	5	-

District 21
Production - net tons

Operators and Collieries	County	Shipped to market	Sold to colliery	Used at for steam and heat	Total production	permis-sible ex-plosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
Neumeister Coal Co., James											
No. 1 Slope	DM Schuylkill	175	1,397	808	18	2,398 l	1,250	350	74	8	-
Neumeister Coal Co.											
No. 3 Slope	DM Schuylkill	407	3,245	1,877	41	5,570 l	5,800	-	250	5	-
Renninger Coal Co.											
Buck Mountain Slope	DM Schuylkill	6,851	7,096	1,411	35	15,393 m	10,600	-	232	22	-
S. & F. Coal Co.											
Primrose Slope	DM Schuylkill	1,205	2,812	444	3	4,464 c	3,000	-	186	5	-
S. & M. Coal Co.											
No. 1 Slope	DM Schuylkill	3,700	5,600	674	26	10,000 f	10,000	-	270	6	-
No. 2 Slope	DM Schuylkill	4,928	6,616	1,235	21	12,800 n	13,000	-	270	9	-
Total		8,628	12,216	1,909	47	22,800	23,000	-	15	-	-
Schwartzlander Coal Co.											
No. 1 Slope	DM Schuylkill	8,381	5,456	225	-	14,062 a	6,000	-	257	6	-
Shally Coal Co.											
Everts Tunnel	DM Schuylkill	-	-	-	-	- o	-	200	20	3	-
Smith Coal Co.											
Smith Slope	DM Schuylkill	4,026	6,093	733	28	10,880 f	12,400	-	244	6	-
Swatara Coal Co.											
Swatara Breaker	BP Schuylkill	-	-	-	-	-	-	-	293	24	-
Tremont Anthracite Co., Inc.											
Tremont Breaker	BP Schuylkill	-	-	-	-	-	-	-	300	3	-
Walaitis Coal Co.											
Primrose Slope	DM Schuylkill	121	7,057	650	36	7,864 p	3,450	-	265	5	-
Woratyla Coal Co.											
Middle Split Slope	DM Schuylkill	8,708	6,403	1,929	36	17,076 d	6,600	-	255	9	-
District Total		61,474	118,752	35,816	383	216,425	155,200	800	214	245	-

DM - Deep Mined bk - Bank B - Breaker BP - Breaker Preparation Only W - Washery

NOTE: (a) All coal prepared at Donaldson Breaker - District 30
 (b) Suspended indefinitely.
 (c) All coal prepared at Maple Spring Breaker - District 19
 (d) All coal prepared at Swatara Breaker.
 (e) All coal prepared at Superior Breaker - District 16.
 (f) All coal prepared at Kocher Breaker - District 30.
 (g) All coal prepared at Hillside Breaker.
 (h) All coal prepared at K. & P. Breaker - District 19.
 (i) 6,180 tons prepared at Hillside Breaker
 4,720 tons prepared at Swatara Breaker
 850 tons prepared at Maple Spring Breaker - District 19
 450 tons prepared at Koch's Breaker - District 30
 2,980 tons prepared at Kocher Breaker - District 30
 2,700 tons prepared at Franklin Hydrated Breaker - District 30

		District 21 Production - net tons					Pounds			Non-		
Operators and Collieries	County	Shipped to market		Used at		Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	Sold to local trade	colliery for steam and heat							
NOTE: (j)	All coal prepared at Malho Breaker - District 26					(n) 4,800 tons prepared at Swatara Breaker						
(k)	3,200 tons prepared at Hillside Breaker					4,800 tons prepared at Maple Spring Breaker - District 19						
	6,304 tons prepared at Superior Breaker - District 16					3,200 tons prepared at Kocher Breaker - District 30						
	3,040 tons prepared at B. & N. Breaker - District 18					(o) Mine is being rehabilitated.						
(l)	All coal prepared at Live Oak Breaker - District 19					(p) All coal prepared at Franklin Hydrotated Breaker - District 30						
(m)	8,049 tons prepared at Swatara Breaker											
	6,731 tons prepared at Kocher Breaker - District 30											
	613 tons prepared at Schneck's Breaker - District 30											

		District 23					Pounds			Non-		
Operators and Collieries	County	Shipped to market		Used at		Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	Sold to local trade	colliery for steam and heat							
Al Mar Coal Co.	DM Northumberland	1,650	7,062	5,272	-	13,984 a	14,800	-	300	8	-	-
Holmes Vein Slope												
B. & S. Coal Co.	DM Northumberland	1,508	957	5,105	-	7,570 b	3,100	-	259	7	-	-
Primrose Vein Slope												
Chango Coal Co.	DM Northumberland	1,506	6,317	4,939	-	12,762 c	12,000	-	276	6	-	-
Holmes Vein Slope												
G. M. P. Coal Co.	DM Northumberland	1,311	5,501	4,301	-	11,113 d	5,450	-	154	8	-	-
Holmes Vein Slope												
Reading Anthracite Co.	BP Northumberland	-	-	-	-	-	-	-	190	4	-	-
Locust Summit Breaker												
Susquehanna Coal Co.	DM Northumberland	6,882	7,245	7,245	-	21,372 e	15,300	-	123	50	-	4
Maysville No. 2 Slope												
Zanella Brothers Coal Co.	DM Northumberland	1,923	1,458	6,512	-	9,893 f	7,125	-	299	8	-	-
Primrose Vein Slope												
District Total		14,780	28,540	33,374	-	76,694	57,775	-	180	91	-	4

DM - Deep Mined	bk - Bank	B - Breaker	BP - Breaker Preparation Only	W - Washery
NOTE: (a)	12,895 tons prepared at D. & Z. Breaker - District 24		(d) 6,133 tons prepared at Blaschak Breaker - District 27	
	645 tons prepared at Bar Mac Breaker - District 24		4,980 tons prepared at D. & Z. Breaker - District 24	
	444 tons prepared at Swift Breaker - District 24		(e) All coal prepared at Glen Burn Breaker - District 24	
(b)	5,637 tons prepared at North Line Breaker - District 24		(f) 6,664 tons prepared at North Line Breaker - District 24	
	1,933 tons prepared at D. & Z. Breaker - District 24		283 tons prepared at Hoover Breaker - District 24	
(c)	11,092 tons prepared at D. & Z. Breaker - District 24		2,946 tons prepared at D. & Z. Breaker - District 24	
	1,525 tons prepared at Split Vein Breaker - District 24			
	145 tons prepared at Swift Breaker - District 24			

		District 24					Pounds			Non-		
Operators and Collieries	County	Shipped to market		Used at		Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	Sold to local trade	colliery for steam and heat							
Bar Mac Coal Co., Inc.	BP Northumberland	-	-	-	-	-	-	-	306	8	-	-
Bar Mac Breaker												

		District 24					Pounds			Non-		
Operators and Collieries	County	Shipped to market		Used at		Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	Sold to local trade	colliery for steam and heat							
Blended Coal Co.	BP Northumberland	-	-	-	-	-	-	-	35	5	-	-
Blended Breaker												
D. & Z. Coal Co.	BP Northumberland	-	-	-	-	-	-	-	307	12	-	-
D. & Z. Breaker												
Diminick Coal Sales	BP Northumberland	-	-	-	-	-	-	-	308	4	-	1
Diminick Breaker												
Duke Associates	DM Northumberland	-	4,272	1,002	-	5,274 a	1,125	-	264	5	-	-
No. 4 Rock Slope												
Eldy Coal Co.	DM Northumberland	1,885	2,165	4,495	5	8,550 b	5,525	-	225	5	-	-
No. 1 Rock Slope												
Glosek Brothers Coal Sales	BP Northumberland	-	-	-	-	-	-	-	268	6	-	-
Glosek Breaker												
Hoover Coal Mining Co.	BP Northumberland	-	-	-	-	-	-	-	301	3	-	-
Hoover Breaker												
K. & D. Coal Co.	BP Northumberland	-	-	-	-	-	-	-	248	2	-	-
K. & D. Breaker												
Lower Region Colliery	W Northumberland	-	-	-	-	-	-	-	30	3	-	-
Lower Region Washery												
Ranshaw Contractors & Wreckers	bk Northumberland	-	43,581	-	-	43,581 c	-	-	193	15	-	-
Neilson Bank												
Reidinger Coal Service, Inc.	BP Northumberland	-	-	-	-	-	-	-	275	8	-	2
Reidinger Breaker												
Reidinger Coal Mining Co.	DM Northumberland	486	1,117	931	1	2,535 d	775	-	146	5	-	1
Bottom Split Slope												
Rosini Coal Co.	BP Northumberland	-	-	-	-	-	-	-	245	20	-	2
Carbon Run Breaker												
Split Vein Coal Co.	BP Northumberland	-	-	-	-	-	-	-	306	11	-	1
Split Vein Breaker												
Stean Coals, Inc.	BP Northumberland	-	-	-	-	-	-	-	246	8	-	2
North Line Breaker												
Susquehanna Coal Co.	BP Northumberland	-	-	-	-	-	-	-	253	89	-	-
Glen Burn Colliery												
West Drift	DM Northumberland	35,675	36,975	36,973	1,135	110,758	81,150	-	253	191	1	14
Total		35,675	36,975	36,973	1,135	110,758	81,150	-	280	1	14	14
Swift Coal Sales	BP Northumberland	-	-	-	-	-	-	-	307	7	-	-
Swift Breaker												
Yudacufski Brothers	bk Northumberland	-	41,541	-	-	41,541 g	-	-	95	5	-	-
Neilson Bank												
District Total		38,046	129,651	43,401	1,141	212,239	88,575	-	249	412	1	23

District 24
Production - net tons

Operators and Collieries	County	Production - net tons				Total production	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market By railroad	Sold to local trade By truck	Used at colliery for steam and heat	Used at local trade							
DM - Deep Mined	bk - Bank											
NOTE: (a) All coal prepared at Swift Breaker (d) All coal prepared at Reidinger Breaker. (b) 4,000 tons prepared at North Line Breaker (e) Breaker destroyed by fire June 16, 1965. 4,550 tons prepared at Reidinger Breaker (f) All coal prepared at Glen Burn Breaker. (c) All coal prepared at Ranshaw Washery - District 29. (g) All coal shipped to Merck Chemical Co. unprepared.												

District 26

Alessi Coal Co.	DM Schuylkill	-	538	3,014	37	3,589 a	475	75	218	4	-	2
Buck Slope												
Blaschak Bros. Coal Co.	DM Schuylkill	-	-	-	-	- b	-	-	-	-	-	-
Skidmore Slope												
Blaschak Coal Co.	BP Schuylkill	-	-	-	-	-	-	-	195	15	-	1
Blaschak Breaker												
Capparell Coal Co., Inc.	BP Schuylkill	-	-	-	-	-	-	-	248	38	-	3
Rosa Breaker												
Capparell Stripping & Construction Co., Inc.	bk Schuylkill	20,743	20,150	17,781	592	59,266	-	-	210	9	-	-
Kohinoor Bank												
Packer No. 5 Bank	bk Schuylkill	5,246	5,096	4,497	151	14,990	-	-	79	9	-	-
Kehley Run Bank	bk Schuylkill	857	833	735	25	2,450	-	-	18	8	-	-
Total		26,846	26,079	23,013	768	76,706 c	-	-	-	26	-	-
Englewood Coal Co.	BP Schuylkill	-	-	-	-	-	-	-	312	2	-	-
Englewood Breaker												
Forsum Coal Co.	DM Schuylkill	5,876	3,380	685	-	9,941	14,000	2,000	297	11	-	2
No. 6 Slope												
No. 7 Slope	DM Schuylkill	2,412	1,391	286	-	4,089	7,400	-	297	4	-	-
No. 8 Slope	DM Schuylkill	4,000	2,135	681	-	6,816	7,000	800	297	4	-	-
Total		12,288	6,906	1,652	-	20,846 d	28,400	2,800	19	-	-	2
Gilberton Coal Co.	bk Schuylkill	223	127	26	-	376	-	-	30	5	-	-
Boston Run Bank												
Gilberton Bank	bk Schuylkill	32,598	18,494	3,787	-	54,879	-	-	198	7	-	-
Gilberton Fine Coal Plant	W Schuylkill	-	-	-	-	-	-	-	98	11	-	-
Gilberton Breaker	B Schuylkill	-	-	-	-	-	-	-	140	85	-	34
Total		32,821	18,621	3,813	-	55,255 d	-	-	108	-	-	34
Jeddo-Highland Coal Co.	W Columbia	-	-	-	-	-	-	-	186	20	-	-
Midvalley Fine Coal Plant												
Midvalley Bank	bk Columbia	81,505	2,624	227	84	84,440	-	-	252	15	-	-
Total		81,505	2,624	227	84	84,440 e	-	-	-	35	-	-

District 26

Operators and Collieries	County	Production - net tons				Total production	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market By railroad	Sold to local trade By truck	Used at colliery for steam and heat	Used at local trade							
K. O. R. Coal Co., Inc.	DM Schuylkill	1,368	567	371	13	2,319 f g	-	-	29	10	-	-
Packer No. 3 Slope												
Lehigh Valley Anthracite, Inc.	bk Schuylkill	7,666	247	21	8	7,942 e	-	-	26	10	-	-
Hammond Silt Bank												
Mammoth Breaker	B Schuylkill	-	-	-	-	-	-	-	186	67	-	2
Morea Bank	bk Schuylkill	8,109	2,434	6,623	190	17,356 h	-	-	57	5	-	-
Morea Breaker	B Schuylkill	-	-	-	-	-	-	-	57	19	-	3
Total		15,775	2,681	6,644	198	25,298	-	-	101	-	-	5
Locust Valley Coal Co.	bk Schuylkill	1,242	11,810	3,193	100	16,345	-	-	108	7	-	-
Mahanoy City Bank												
Mount Hazel Breaker	BP Schuylkill	-	-	-	-	-	-	-	108	10	-	-
Total		1,242	11,810	3,193	100	16,345 i	-	-	17	-	-	-
M. & S. Coal Co.	DM Columbia	-	2,054	1,116	-	3,170 j	1,600	-	102	6	-	-
Holmes Slope												
Maksimik Coal Co.	bk Schuylkill	2,437	2,367	2,158	-	6,962 c	-	-	87	2	-	-
Kehley Run Bank												
Malho Coal Co.	BP Schuylkill	-	-	-	-	-	-	-	307	4	-	1
Malho Breaker												
Marion Mining Co., Inc.	DM Schuylkill	1,036	484	404	7	1,931 k	5,575	200	238	6	-	-
Connerton Drift												
Metzinger Coal Co.	DM Schuylkill	-	150	250	-	400 l	-	-	36	4	-	1
No. 1 Slope												
Mosolino Contracting Co.	bk Schuylkill	1,200	3,200	100	-	4,500	-	-	209	1	-	-
Barry Bank												
Barry Washery	W Schuylkill	-	-	-	-	-	-	-	209	3	-	-
Total		1,200	3,200	100	-	4,500 m	-	-	4	-	-	-
P. & M. Coal Co.	bk Columbia	-	3,150	-	-	3,150 n	-	-	150	3	-	-
Germantown Bank												
Reading Anthracite Co.	W Schuylkill	-	-	-	-	-	-	-	121	11	-	3
Maple Hill Cleaner Plant												
St. Nicholas Slush Bank	bk Schuylkill	203,994	-	-	-	203,994	-	-	267	14	-	3
St. Nicholas Fine Coal Plant	W Schuylkill	-	-	-	-	-	-	-	267	43	-	6
Total		203,994	-	-	-	203,994 e	-	-	68	-	-	12
Reichwein & Beury Coal Co.	BP Schuylkill	-	-	-	-	-	-	-	290	4	-	1
Reichwein & Beury Breaker												
Seltzer Coal Co.	BP Schuylkill	-	-	-	-	-	-	-	250	4	-	-
Seltzer Breaker												
Simoes & Co.	DM Schuylkill	-	212	963	-	1,175 q	450	250	44	4	-	-
Buck Slope												

		District 26					Pounds				Non-	
		Production - net tons					permis-				fatal	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	sible ex-	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	fatal acci-dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
Skidmore Coal Co.												
Mammoth Slope	DM Columbia	1,478	2,291	1,024	26	4,819 r	9,600	-	244	5	-	-
Skytop Coal Co., Inc.												
Skytop Breaker	BP Schuylkill	-	-	-	-	-	-	-	94	12	-	-
Lykens Slope	DM Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Total							b			12		
Split Vein Coal Co.												
Buck Slope	DM Columbia	143	4,275	9,834	-	14,252	9,110	3,450	290	10	-	-
Germantown Bank	bk Columbia	4	129	297	-	430	-	-	290	1	-	-
Total		147	4,404	10,131	-	14,682 s	9,110	3,450	11	-	-	-
Starwood Coal Corporation												
Starwood Breaker	BP Schuylkill	-	-	-	-	-	-	-	193	4	-	-
White Birch Coal Co.												
Buck Mountain Slope	DM Schuylkill	859	10,023	17,757	-	28,639 t	6,800	24,200	202	26	-	-
District Total		382,996	98,161	75,830	1,233	558,220	62,010	30,975	178	542	-	62
DM - Deep Mined	bk - Bank	B - Breaker		BP - Breaker Preparation Only			W - Washery					
NOTE:	(a) All coal prepared at Skytop Breaker						(1) All coal prepared at D. & Z. Breaker - District 24.					
	(b) Slopes used for pumping.							Ceased operations in April 1965.				
	(c) All coal prepared at Rosa Breaker.						(m) All coal prepared at Barry Washery.					
	(d) All coal prepared at Gilberton Breaker.						(n) 1,075 tons prepared at Barry Washery.					
	(e) All coal prepared at Midvalley Fine Coal Plant.							1,000 tons shipped to Kimberly Plant in Gowen City				
	(f) All coal prepared at Mammoth Breaker.							1,075 tons shipped to Bickle Plant in Gowen City				
	(g) Ceased operations in February 1965.						(o) All coal prepared at St. Nicholas Fine Coal Plant.					
	(h) All coal prepared at Morea Breaker.						(p) Ceased operations in December 1965.					
	(i) All coal prepared at Mount Hazle Breaker.						(q) All coal prepared at Starwood Breaker.					
	(j) All coal prepared at Savitski Breaker - District 20						(r) 2,427 tons prepared at Mammoth Breaker					
	(k) 190 tons prepared at Blaschak Breaker							2,110 tons prepared at Swift Breaker - District 24				
	1,741 tons prepared at Mammoth Breaker							282 tons prepared at Reichwein & Beury Breaker				
	Mine was formerly operated by G. & M. Coal Co. produced						(s) All coal prepared at Split Vein Breaker - District 24.					
	1,741 tons, worked 144 days, 5 men. Ceased operations						(t) All coal prepared at Blaschak Breaker.					
	in June 1965.											

		District 28										
		Production - net tons										
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis-	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
Alarcon Coal Co.												
No. 3 Slope	DM Northumberland	8,200	6,150	6,150	-	20,500 a	7,625	-	305	16	-	-

		District 28					Pounds				Non-	
		Production - net tons					permis-				fatal	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	sible ex-	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	fatal acci-dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
E. & T. Coal Co.												
No. 2 Slope	DM Northumberland	1,429	8,155	1,406	-	10,990 b	12,000	-	300	9	-	-
Garcia Coal Co.												
No. 4 Slope	DM Northumberland	433	2,634	267	-	3,334 c d	1,100	-	92	7	-	-
H. & W. Coal Co.												
No. 1 Slope	DM Northumberland	1,765	8,552	3,258	-	13,575 e	5,200	-	288	7	-	-
No. 1 Vein Coal Co.												
No. 1 Slope	DM Northumberland	1,619	9,839	996	-	12,454 c	7,075	-	287	7	-	-
No. 5 Vein Coal Co.												
No. 5 Vein Slope	DM Northumberland	1,994	3,077	82	-	5,153 f	6,000	-	211	5	-	-
Slo-Burn Coal Co.												
No. 2 Slope	DM Northumberland	2,474	6,239	1,233	-	9,946 g	6,500	-	297	10	-	-
Sunshine Coal Co.												
Sunshine Breaker	B Northumberland	-	-	-	-	-	-	-	299	13	-	-
West Cameron Coal Co.												
Lykens No. 2 Slope	DM Northumberland	-	15,359	900	-	16,259 h	7,500	-	301	7	-	-
District Total		17,914	60,005	14,292	-	92,211	53,000	-	269	81	-	-
DM - Deep Mined	bk - Bank	B - Breaker		BP - Breaker Preparation Only			W - Washery					
NOTE:	(a) All coal prepared at Carbon Run Breaker						(f) 4,638 tons prepared at Bar-Mac Breaker - District 24					
	(b) 7,693 tons prepared at Sunshine Breaker							515 tons prepared at Koppenhaver Breaker - District 24				
	(c) 3,297 tons prepared at Bar Mac Breaker - District 24						(g) 4,526 tons prepared at Bar Mac Breaker - District 24					
	(d) All coal prepared at Sunshine Breaker.							5,420 tons prepared at Split Vein Breaker - District 24				
	(e) Operated until June 1965.							Joseph Bednarczyk produced 5,420 tons of this coal,				
	(f) All coal prepared at Swift Breaker - District 24.						(h) All coal sold to Merck Chemical Co., Danville, Pa. direct.	worked 164 days, 7 men. Ceased operations in June 1965.				

		District 29										
		Production - net tons										
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis-	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
Cains Coal Co.												
Cains Breaker	BP Northumberland	-	-	-	-	-	-	-	307	5	-	-
Racho, George												
Luke Fidler Bank	bk Northumberland	128,035	-	-	-	128,035	-	-	201	4	-	-
Ranshaw Transportation & Auto Wreckers Co.												
Ranshaw Washery	W Northumberland	-	-	-	-	-	-	-	245	2	-	-
District Total		128,035	-	-	-	128,035 a	-	-	257	11	-	-
DM - Deep Mined	bk - Bank	B - Breaker		BP - Breaker Preparation Only			W - Washery					

		District 29 Production - net tons					Pounds						
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents	
		By railroad	By truck	to local trade	colliery for steam and heat								

NOTE: (a) All coal shipped directly to Pennsylvania Power & Light Co. Plants in Scranton, Stanton and Sunbury, Pennsylvania

		District 30 Production - net tons					Pounds						
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents	
		By railroad	By truck	to local trade	colliery for steam and heat								
Anthracite Fine Coals, Inc. Donaldson Breaker	BP Schuylkill	-	-	-	-	-	-	-	238	19	-	-	
B. & O. Coal Co. No. 1 & No. 2 Slopes	DM Schuylkill	6,399	4,166	172	-	10,737 a	4,200	-	326	7	-	-	
Bloch Brothers Coal Co. No. 1 Slope	DM Schuylkill	2,015	1,544	96	2	3,657 b	2,150	-	232	4	-	-	
Bowman & Coleman Coal Co. No. 4 Slope	DM Schuylkill	4,076	8,053	647	6	12,782 c	11,200	-	259	7	-	1	
Colket Coal Co. Tracy Slopes	DM Schuylkill	5,960	3,880	160	-	10,000 a	7,500	-	225	6	-	-	
Emerich, William G. Emerich Bank	bk Lebanon	-	-	502	-	502	-	-	55	1	-	-	
Emerich Washery	W Lebanon	-	-	-	-	-	-	-	55	1	-	-	
Total		-	-	502	-	502 d	-	-	-	2	-	-	
Fireside Mining, Inc. No. 1 Vein Slope	DM Schuylkill	-	-	24,243	394	24,637 e	12,700	150	282	16	-	1	
Franklin Coal Co. Franklin Hydrotated Breaker	BP Schuylkill	-	-	-	-	-	-	-	161	10	-	-	
G. & T. Coal Co. No. 2 Slope	DM Schuylkill	7,724	5,029	207	-	12,960 a	1,700	-	303	5	-	-	
H. & H. Coal Co. L.V. No. 5 Vein Slope	DM Schuylkill	681	4,414	1,486	8	6,589 f	5,000	-	258	4	-	-	
H. & S. Coal Co. No. 1 Slope	DM Schuylkill	165	5,960	727	14	6,866 g	4,250	-	275	5	-	-	
Herb & Reed Coal Co. Diamond Slope	DM Schuylkill	7,772	7,579	15,843	231	31,425 h	20,800	-	243	18	-	1	
Herring Brothers Coal Co. No. 4 Vein Slope	DM Schuylkill	1,365	2,018	426	11	3,820 i	2,550	100	154	6	-	1	
Jewell Ridge Coal Co. Primrose Slopes	DM Schuylkill	19,807	33,280	5,386	139	58,612 j	34,000	-	231	43	-	-	
Joliett Realty Co. Joliett Realty Breaker	BP Schuylkill	-	-	-	-	- k	-	-	365	3	-	-	
Keffer's Coal Co. L. V. No. 2 Vein Slope	DM Schuylkill	-	-	4,895	52	4,947 l	4,000	150	269	4	-	-	
Kimmel Brothers Coal Co. Buck Mountain No. 2 Slope	DM Schuylkill	988	2,614	334	4	3,940 m	1,350	-	118	5	-	-	

		District 30 Production - net tons					Pounds						
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents	
		By railroad	By truck	to local trade	colliery for steam and heat								
Kintzel Brothers Coal Co. L. V. No. 6 Vein Slope	DM Schuylkill	452	2,211	1,573	5	4,241 n	3,000	350	255	5	-	1	
Knorr & Geist Coal Co. Diamond Drift	DM Schuylkill	1,779	1,859	238	10	3,886 o	1,650	-	63	7	-	-	
Koch's Coal Co. Koch's Breaker	BP Schuylkill	-	-	-	-	-	-	-	300	5	-	-	
Last Chance Coal Co. L. V. No. 5 Vein Slope	DM Dauphin	1,780	2,859	66	28	4,733 p	1,000	-	240	5	-	1	
Lengel Coal Co., Warren No. 1 Vein Slopes	DM Schuylkill	1,409	5,046	2,888	13	9,356 q	15,250	-	250	5	-	-	
Licoma Coal Co. No. 2 Vein Slope	DM Schuylkill	-	-	4,330	71	4,401 e	2,500	-	157	7	-	1	
M. W. S. Coal Co. Holmes Slope	DM Schuylkill	3,846	7,000	2,784	21	13,651 r	9,450	-	287	7	-	-	
Madenford Coal Co. No. 1 Vein Slope	DM Schuylkill	1,493	3,485	550	3	5,531 s	3,850	-	266	5	-	-	
Manbeck Dredging Co., Inc. Lincoln Bank	bk Schuylkill	16,986	10,914	-	-	27,900	-	-	134	6	-	1	
Lincoln Washery	W Schuylkill	-	-	-	-	-	-	-	97	6	-	-	
Total		16,986	10,914	-	-	27,900 t	-	-	-	12	-	1	
Mercury Coal Co. No. 4 Slope	DM Schuylkill	22,499	60,461	7,455	166	90,581 u	68,950	-	283	51	-	20	
Oakwood Coal Co., Inc. Oakwood Breaker	BP Schuylkill	-	-	-	-	-	-	-	300	9	-	-	
Orbit Coal Co. Buck Mountain Slope	DM Schuylkill	80	2,877	351	7	3,315 g	3,000	-	80	6	-	-	
Penag Coal Co. Penag Breaker	B Schuylkill	-	-	-	-	-	-	-	224	22	-	1	
Penag Colliery	DM Schuylkill	16,801	2,354	56,053	-	75,208	44,900	-	224	104	1	15	
Total		16,801	2,354	56,053	-	75,208 v	44,900	-	-	126	1	16	
Potts Contracting Co. Potts Breaker	BP Schuylkill	-	-	-	-	-	-	-	98	2	-	-	
Schneck Coal Co., Thomas W. Schneck Breaker	BP Schuylkill	-	-	-	-	-	-	-	328	10	-	-	
Spancake & Herring Coal Co. Buck Mountain Slope	DM Schuylkill	2,979	5,622	741	33	9,375 w	9,500	-	262	6	-	-	
Zimmerman Coal Co., Marlin Buck Mountain Slope	DM Schuylkill	6,639	9,910	1,395	56	18,000 x	24,000	-	264	9	-	-	

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 SUPPERY ROCK STATE COLLEGE
 SUPPERY ROCK, PENNA. 16057

		District 30				Pounds				Non-	
		Production - net tons				permissible explosives		Pounds		Fatal fatal	
		Shipped to market	Sold to local	Used at colliery for steam and heat	Total production	used	dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
Operators and Collieries	County	By railroad	By truck	By trade							
District Total		133,695	193,135	133,548	1,274	461,652	298,450	750	235	441	1 44
DM - Deep Mined	bk - Bank	B - Breaker		BP - Breaker Preparation Only			W - Washery				
NOTE:	(a)	All coal prepared at Donaldson Breaker.				(o)	3,000 tons prepared at Schneck Breaker				
	(b)	2,926 tons prepared at Donaldson Breaker					886 tons prepared at Donaldson Breaker				
	(c)	731 tons prepared at Kocher Breaker - District 16				(p)	All coal prepared at Kerrigan Breaker - District 12.				
	(d)	5,782 tons prepared at Donaldson Breaker				(q)	4,737 tons prepared at Oakwood Breaker				
	(e)	7,000 tons prepared at Superior Breaker - District 16				(r)	708 tons prepared at Schneck Breaker - District 16				
	(f)	All coal prepared at Emerich Washery.					5,367 tons prepared at Schneck Breaker				
	(g)	All coal prepared at Underkoffler Breaker - District 12					2,357 tons prepared at Swift Breaker - District 24				
	(h)	728 tons prepared at Koch Breaker					241 tons prepared at Reidinger Breaker - District 24				
	(i)	1,143 tons prepared at Hillside Breaker - District 21					1,810 tons prepared at Koch Breaker				
	(j)	3,095 tons prepared at Oakwood Breaker					1,740 tons prepared at Donaldson Breaker				
	(k)	651 tons prepared at Donaldson Breaker					2,136 tons prepared at North Line Breaker - District 24				
	(l)	45 tons prepared at Stonehill Breaker - District 12					Palmer Mervine Co. produced 7,156 tons of this coal, worked 172 days with 5 men, used 5,100 pounds of explosives. Changed to M. W. S. Coal Co. in August 1965.				
	(m)	927 tons prepared at Penag Breaker				(s)	All coal prepared at Maple Spring Breaker - District 19.				
	(n)	All coal prepared at Oakwood Breaker.				(t)	16,986 tons prepared at Lincoln Washery				
	(o)	12,676 tons prepared at Underkoffler Breaker - District 12					10,914 tons of raw silt trucked to Palmerton Zinc Company.				
	(p)	14,184 tons prepared at Swatara Breaker - District 21					53,304 tons prepared at Kocher Breaker - District 16				
	(q)	4,565 tons prepared at D. & Z. Breaker - District 24					29,074 tons prepared at Superior Breaker - District 16				
	(r)	3,047 tons prepared at Schneck Breaker					53,304 tons prepared at Kocher Breaker - District 16				
	(s)	581 tons prepared at Superior Breaker - District 16					29,074 tons prepared at Superior Breaker - District 16				
	(t)	192 tons prepared at Penag Breaker					8,203 tons prepared at Dorenzo Breaker - District 19				
	(u)	5,080 tons prepared at Savitski Breaker - District 20				(v)	All coal prepared at Penag Breaker.				
	(v)	53,532 tons prepared at Kocher Breaker - District 16				(w)	7,058 tons prepared at Schneck Breaker				
	(w)	Breaker idle entire year of 1965 - 3 employes on maintenance.					2,317 tons prepared at Franklin Breaker				
	(x)	3,272 tons prepared at Underkoffler Breaker - District 12					3,700 tons prepared at Kocher Breaker - District 16				
	(y)	1,675 tons prepared at Keffer's Breaker - District 16					12,548 tons prepared at Schneck Breaker				
	(z)	1,006 tons prepared at Old Mill Breaker - District 19					620 tons prepared at Franklin Breaker				
	(aa)	2,934 tons prepared at Legal Breaker - District 16					1,132 tons prepared at Oakwood Breaker				
	(ab)	1,755 tons prepared at Penag Breaker									
	(ac)	2,486 tons prepared at Oakwood Breaker									

* * * *

REPORT OF OPERATIONS
EMPLOYING
FEWER THAN FIVE PERSONS

REPORT COVERING
MINES EMPLOYING FEWER THAN FIVE PERSONS

1965

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
DISTRICT 10						
Fern Hill Coal Co.	Wayne	193	120	3	-	-
Grzywacz Coal Co. *	Lackawanna	488	139	4	-	-
K. & S. Coal Co. *	Lackawanna	23	20	2	-	-
Lemoncelli Coal Co.	Lackawanna	552	156	3	-	-
Micklick Coal Co.	Lackawanna	606	204	2	-	-
Pientack Coal Co.	Lackawanna	390	186	3	-	-
RoMike Coal Co.	Lackawanna	1,409	234	3	-	-
Sturgis Coal Co. *	Lackawanna	377	191	3	-	-
Virby Coal Co.	Lackawanna	1,466	195	3	-	-
District Total		5,504	163	26	-	-

NOTE: * Mines abandoned.

DISTRICT 11

No Production

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
DISTRICT 12						
B. & C. Coal Co.	Dauphin	71	55	3	-	-
B. & P. Coal Co.	Schuylkill	1,000	100	3	-	-
Bair Coal Co.	Dauphin	319	64	2	-	-
Blyler Coal Co., Glen	Dauphin	492	217	1	-	-
D. & G. Coal Co.	Dauphin	100	20	3	-	-
F. W. D. Coal Co.	Dauphin	100	25	2	-	-
Garber Coal Co.	Schuylkill	810	100	3	-	-
Gonder Coal Co.	Dauphin	832	200	3	-	-
H. & D. Coal Co.	Dauphin	2,171	278	3	-	-
H. & N. Coal Co.	Dauphin	45	15	2	-	-
H. K. H. Coal Co.	Dauphin	2,340	200	3	-	-
Hornberger Coal Co.	Dauphin	2,500	280	3	-	-
J. & R. Coal Co.	Dauphin	2,728	208	4	-	-
K. D. S. Coal Co.	Dauphin	2,500	250	4	-	-
Lahr Coal Co.	Dauphin	1,920	254	2	-	-
Lucas Coal Co., Earl	Dauphin	1,752	40	4	-	-
Lucas Coal Co., William	Schuylkill	100	20	3	-	-
M. A. D. Coal Co.	Schuylkill	424	50	3	-	-
Marchuk & Sons Coal Co.	Dauphin	3,290	260	4	-	-
Mauser Coal Co.	Dauphin	1,764	196	2	-	-
Morgan Coal Co.	Dauphin	790	45	4	1	-
P. & C. Coal Co.	Schuylkill	500	80	2	-	-
Rowe Coal Co.	Dauphin	528	120	2	-	-
S. & K. Coal Co.	Dauphin	4,160	208	4	-	-
Salada Coal Co.	Dauphin	4,325	275	3	-	-
Salic Coal Co.	Schuylkill	2,880	288	4	-	-
Shomper Coal Co.						
No. 6 Vein Slope No.1	Schuylkill	4,000	225	3	-	-
No. 6 Vein Slope No.2	Schuylkill	2,230	206	3	-	-
Total		6,230	6	6	-	-
Smeltz Coal Co.	Dauphin	1,605	75	4	-	-
Stroup Coal Co.	Dauphin	500	60	3	-	-
Trio Coal Co.	Schuylkill	800	100	3	-	-
Twin Partnership	Dauphin	100	20	4	-	-
Underkoffler Coal Co.	Schuylkill	3,000	250	3	-	-
Wolfe Coal Co.	Dauphin	1,960	245	2	-	-
Z. & R. Coal Co.	Dauphin	750	95	3	-	-
District Total		53,386	147	104	1	-

DISTRICT 13

No Production

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
DISTRICT 15						
Ajax Coal Co.	Luzerne	160	150	4	-	-
Biskupic Coal Co.	Schuylkill	150	120	2	-	-
Chucot Coal Co.	Schuylkill	19	100	2	-	-
Fegley Brothers Coal Co.	Schuylkill	60	20	4	-	-
Fern Glen Mining Co.	Luzerne	3,841	195	4	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
DISTRICT 15 (Continued)						
Jones Coal Co.	Schuylkill	3,240	236	4	-	-
Kassa Coal Co.	Carbon	700	60	**	-	-
L. & F. Mining Co., Inc.	Schuylkill	165	171	3	-	-
Marko Coal Co.	Schuylkill	6,219	200	4	-	-
McAdoo Mining Co.	Carbon	1,460	165	4	-	-
Olman & Co.	Schuylkill	906	237	3	-	-
Pleasant Hill Coal Co.	Schuylkill	3,888	162	4	-	-
Shenandoah Coal Co.	Schuylkill	70	80	3	-	-
Souchak Coal Co.						
Buck Mountain Slope	Schuylkill	344	80	2)	-	-
Gamma Slope	Schuylkill	66	20)	-	-
Total		410		2	-	-
Souchak Coal Co.	Schuylkill	120	30	3	-	-
Styka Brothers Coal Co.	Schuylkill	220	95	2	-	-
The Dutchman Coal Co.	Schuylkill	60	20	3	-	-
Trenton Coal Co.	Schuylkill	662	132	2	-	-
Whytko & Co.	Schuylkill	180	120	4	-	-
District Total		22,530	140	57	-	-

NOTE: ** Mine worked part time by employes of Company's No. 4 Slope

DISTRICT 16

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
Anspach & Umbenhauer Co.	Schuylkill	5,152	255	3	-	-
B. B. & F. Coal Co.	Schuylkill	816	64	3	-	-
Diamond Coal Co.	Schuylkill	250	200	3	-	-
H. & K. Coal Co.	Schuylkill	948	260	3	-	-
Herring Coal Co.	Schuylkill	4,600	151	3	-	-
K. & N. Coal Co.	Schuylkill	4,620	240	3	-	-
Renninger & Partners	Schuylkill	400	212	3	-	-
Schell Brothers Coal Co.	Schuylkill	1,100	150	3	-	-
Tracy Coal Co.	Schuylkill	65	30	3	-	-
District Total		17,951	173	27	-	-

DISTRICT 17

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
A. & K. Coal Co.	Northumberland	1,100	40	4	-	-
B. & E. Coal Co.	Northumberland	3,428	225	3	-	-
Bruno & Peiffer Coal Co.	Northumberland	5,510	263	4	-	-
Chestnut Coal Co.						
No. 4 Slope	Northumberland	700	70	4	-	-
No. 5 Slope	Northumberland	1,500	170	4	-	-
Total		2,200		8	-	-
Gem Coal Co.						
No. 1 Slope	Northumberland	8,500	260	4	-	-
No. 3 Slope	Northumberland	7,091	206	4	-	-
Total		15,591		8	-	-
Gudelunas Coal Co.						
No. 2 Slope	Northumberland	500	120	3)	-	-
No. 3 Slope	Northumberland	590	128)	-	-
Total		1,090		3	-	-
Jade Coal Co.	Northumberland	2,700	210	3	-	-
Jewell Coal Co.	Northumberland	41	72	3	-	-
Kent Coal Co.	Northumberland	38	19	4	-	-
L. E. T. Coal Co.	Northumberland	950	108	3	-	-
Mace Coal Co.	Northumberland	2,680	222	3	-	-
Machesic & Crissingar	Northumberland	6,311	261	4	-	-
Marquette Coal Co.	Northumberland	4,570	308	3	-	-
Moore Coal Co.	Northumberland	791	40	3	-	-
N. & L. Coal Co.	Northumberland	3,220	212	4	-	-
Pine Tree Coal Co.	Northumberland	700	165	3	-	-
Raczowski Coal Co.	Northumberland	70	95	3	-	-
Rebuck Coal Co.						
No. 1 Slope	Northumberland	1,800	180	3)	-	-
No. 2 Slope	Northumberland	900	90)	-	-
Total		2,700		3	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<u>DISTRICT 17 (Continued)</u>						
Reed Mining Co.	Northumberland	4,346	227	3	-	-
Reidinger Coal Mining Co.	Northumberland	3,000	260	3	-	-
Rocky Mountain Coal Co.						
No. 2 Slope	Northumberland	4,280	160	4	-	-
No. 3 Slope	Northumberland	1,720	100		-	-
Total		6,000		4	-	-
Spindel Top Coal Co.	Northumberland	-	60	2	-	-
Springfield Coal Co.	Northumberland	12,049	292	4	-	-
I. & M. Coal Co.	Northumberland	4,551	330	4	-	-
Taglieri Coal Co.	Northumberland	2,400	250	3	-	-
Triple "S" Coal Co.	Northumberland	5,600	260	4	-	-
District Total		91,636	196	96	-	-

NOTE: (a) Formerly North Side Coal Co. produced 2,600 tons, worked 180 days, same men.

<u>DISTRICT 18</u>						
A. & J. Coal Co.	Schuylkill	400	90	2	-	-
Andrews Partnership	Schuylkill	640	80	2	-	-
Bear Ridge Coal Co.	Schuylkill	1,100	260	2	-	-
Bernitsky & Stenuis Part.	Schuylkill	7,800	300	4	-	1
Bottom Split Coal Co.	Schuylkill	640	160	3	-	-
Broad Mountain Coal Co.	Schuylkill	2,810	280	4	-	-
Carnfield Coal Co.	Schuylkill	1,140	130	3	-	-
Cooper & Co.	Schuylkill	1,130 a	180	3	-	-
D. & H. Partnership	Schuylkill	1,380	71	3	-	-
D. Y. & N. Coal Co.	Schuylkill	1,600	160	3	-	-
Eagle Hill Coal Co.	Schuylkill	100	25	3	-	-
Fegley Brothers Coal Co.	Schuylkill	3,684	216	4	-	-
Frye Brothers Coal Co.	Schuylkill	1,900	200	3	-	-
Gregas Coal Co.	Schuylkill	304	30	3	-	-
Holmes Coal Co.	Schuylkill	135	45	2	-	-
K. & M. Coal Co.	Schuylkill	610	120	2	-	-
Kochmier Partnership	Schuylkill	160	40	3	-	-
Kristoff Coal Co.	Schuylkill	640	80	3	-	-
Lauchnor Coal Co.	Schuylkill	160	40	2	-	-
M. & N. Coal Co.	Schuylkill	600	100	2	-	-
P. & D. Coal Co.	Schuylkill	1,100	135	2	-	-
P. K. & C. Coal Co.	Schuylkill	1,040	125	3	-	-
P. & S. Coal Co.	Schuylkill	1,200	120	2	-	-
Pacine Coal Co.	Schuylkill	260	45	2	-	-
Palerino Coal Co.	Schuylkill	1,000	120	3	-	-
Partnership Coal Co.	Schuylkill	500	60	2	-	-
Peach Mountain Partnership	Schuylkill	420	80	3	-	-
Peck Coal Co.	Schuylkill	800	90	3	-	-
R. G. & C. Coal Co.	Schuylkill	2,440	240	4	-	-
Renninger Partnership	Schuylkill	1,640	205	3	-	-
Romanosky Partnership	Schuylkill	680	100	3	-	-
Sandrock Coal Co.	Schuylkill	1,220	150	4	-	-
Skripnek Coal Co.						
Skripnek Slope	Schuylkill	350	40	2	-	-
Skidmore Slope	Schuylkill	400	150	2	-	-
Total		750		4	-	-
Smith Coal Co.	Schuylkill	500	50	3	-	-
T. & L. Coal Co.	Schuylkill	1,200	150	3	-	-
Three "C" Coal Co.	Schuylkill	2,700 b	255	3	-	-
Three Star Coal Co.	Schuylkill	1,000	120	2	-	-
Tracy Coal Co.	Schuylkill	4,072	276	3	-	-
Tracy Coal Co.	Schuylkill	625	80	2	-	-
Williams Partnership	Schuylkill	4,100	240	4	-	-
District Total		54,180	141	114	-	1

NOTE: (a) 750 tons of coal produced by Adam Cooper Coal Co., worked 110 days, same men as Cooper Coal Co.
 (b) 2,000 tons of coal produced by Three Par Coal Co. worked 170 days, same men as Three "C" Coal Co.

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<u>DISTRICT 19</u>						
Adams Partnership	Schuylkill	600	75	3	-	-
B. H. & L. Partnership	Schuylkill	854	200	4	-	-
B. & M. Coal Co.	Schuylkill	2,920	275	4	-	-
B. Z. & D. Coal Co.	Schuylkill	960	120	3	-	-
Big Hill Coal Co.	Schuylkill	688	86	4	-	-
Bosack Coal Co.	Schuylkill	500	60	3	-	-
C. & F. Coal Co.	Schuylkill	576	164	2	-	-
C. & P. Coal Co.	Schuylkill	1,194	166	2	-	-
Cherkis Partnership	Schuylkill	1,700	170	3	-	-
D. & K. Coal Co.	Schuylkill	128	32	2	-	-
F. & W. Coal Co.	Schuylkill	835	180	3	-	-
F. & W. Coal Co.	Schuylkill	485	78	2	-	-
G. & B. Coal Co.	Schuylkill	240	120	2	-	-
Gormas Coal Co.	Schuylkill	70	7	3	-	-
H. & G. Coal Co.	Schuylkill	2,216	240	4	-	-
Halaburda Coal Co.	Schuylkill	1,485	162	3	-	-
Horvath Partnership	Schuylkill	2,100	152	4	-	-
K. & K. Partnership	Schuylkill	130	140	2	-	-
K. & L. Coal Co.	Schuylkill	1,060	178	4	-	-
K. & M. Coal Co.	Schuylkill	2,080	260	3	-	-
Kopentz Coal Co.	Schuylkill	700	80	3	-	-
Kost Partnership	Schuylkill	360	100	2	-	-
M. & C. Mining Co.	Schuylkill	90	50	2	-	-
M. & Z. Coal Co.	Schuylkill	160	32	4	-	-
Matz Coal Co.	Schuylkill	120	15	3	-	-
Matz Brothers Coal Co.	Schuylkill	376	94	2	-	-
Montrose Coal Co., Inc.	Schuylkill	560	45	3	-	-
Noyalas Coal Co.	Schuylkill	3,280	200	2	-	-
O. & W. Coal Co.	Schuylkill	40	15	3	-	-
P. & H. Coal Co.	Schuylkill	456	57	2	-	-
Pitel Partnership	Schuylkill	400	80	2	-	-
Rekla Coal Co.	Schuylkill	4,850	286	4	-	1
Rem Coal Co.	Schuylkill	300	75	4	-	-
Rickert Coal Co.	Schuylkill	2,000	300	3	-	-
S. & M. Coal Co.	Schuylkill	540	108	3	-	1
Salem Coal Co.	Schuylkill	125	25	2	-	-
Scheib Coal Co.	Schuylkill	6,632	278	4	-	-
Siminitus Coal Co.	Schuylkill	816	122	4	-	-
Skrobak & Gaul Coal Co.	Schuylkill	250	51	2	-	-
Sorokach Coal Co.	Schuylkill	2,008	251	3	-	-
Studack Partnership	Schuylkill	900	190	2	-	-
Tomalavage Coal Co.	Schuylkill	50	21	2	-	-
Vinskje Coal Co.	Schuylkill	209	28	2	-	-
Vockie Partnership	Schuylkill	276	69	3	-	-
Woodside Mining Co.	Schuylkill	4,230	259	3	-	-
District Total		50,549	134	129	-	2

<u>DISTRICT 20</u>						
A. R. M. Coal Co.	Northumberland	280 a	55	3	-	-
A. T. & D. Coal Co.	Columbia	600	156	2	-	-
Amarose Brothers Coal Co.	Northumberland	110	150	4	-	-
B. & B. Coal Co.	Northumberland	4,500	170	4	-	-
B. & E. Coal Co.	Columbia	600	65	3	-	-
B. & K. Coal Co.	Columbia	540 b	30	3	-	-
B. & S. Coal Co.	Northumberland	120	10	3	-	-
Bator Coal Co.	Northumberland	150	60	3	-	-
D. & N. Coal Co.	Northumberland	680	68	3	-	-
D. K. & M. Coal Co.	Northumberland	7,067	222	4	-	-
D. R. Z. Coal Co.	Northumberland	200	40	4	-	-
E. & Z. Coal Co.	Northumberland	-	10	2	-	-
F. & L. Coal Co.	Northumberland	576	84	3	-	-
Fago Coal Co.	Northumberland	1,298	225	4	-	-
Fernandez Coal Co.	Northumberland	-	15	1	-	-
Hepler Coal Co.	Columbia	2,000	60	3	-	-
J. & K. Coal Co.	Northumberland	1,220 c	270	3	-	-
Koschoff Coal Co.	Northumberland	2,716	209	3	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<u>DISTRICT 20 (Continued)</u>						
Kovach Coal Co.	Northumberland	100	60	2	-	-
Kurtz Coal Co.	Northumberland	275	70	3	-	-
L. & K. Coal Co.	Columbia	3,376	160	4	-	-
Lykens Coal Co.	Northumberland	200	93	3	-	-
Mekosh Coal Co.	Northumberland	250 d	70	3	-	-
No. 10 $\frac{1}{2}$ Vein Coal Co.	Northumberland	26	12	3	-	-
O. K. Coal Co.	Northumberland	1,600	130	3	-	-
O. & M. Coal Co.	Northumberland	1,650	208	3	-	-
Palmer Coal Co.	Northumberland	6,126	192	3	-	-
Paul Coal Co.	Northumberland	250	50	3	-	-
Peacock Coal Co.	Northumberland	340	64	3	-	-
Polcovich Coal Co.	Columbia	540	20	4	-	-
Poponiak Brothers Coal Co.	Northumberland	1,230	200	3	-	-
Prim Coal Co.	Columbia	3,580	218	3	-	-
R. & L. Coal Co.	Columbia	3,500	175	4	-	-
Redd Coal Co.	Northumberland	576	96	3	-	-
Rust Coal Co.	Northumberland	136	34	3	-	-
S. & N. Coal Co.	Northumberland	100	20	3	-	-
Scott Coal Co.	Columbia	1,280	120	3	-	-
Skidmore Coal Co.	Northumberland	-	10	3	-	-
Stan Coal Co.	Northumberland	100	30	2	-	-
Swamp Coal Co.	Northumberland	360	220	3	-	-
W. S. B. Coal Co.	Northumberland	1,350 e	280	3	-	-
Yost Coal Co.	Columbia	608	243	3	-	-
Zlocki Coal Co.	Northumberland	100	36	2	-	-
District Total		50,310	115	130	-	-

NOTE: (a) Formerly Adams Coal Co., produced 180 tons, worked 30 days, same men.
 (b) Formerly Ciccio Coal Co., produced 375 tons, worked 24 days, same men.
 (c) Formerly N. & M. Coal Co., produced 620 tons, worked 110 days, same men.
 (d) Formerly M. & H. Coal Co., produced 250 tons, worked 40 days, same men.
 (e) Formerly Sejuit & Wisniewski Coal Co., produced 1,000 tons, worked 240 days, same men.

<u>DISTRICT 21</u>						
Buck Coal Co.	Schuylkill	1,500	120	3	-	-
Dembinsky Coal Co., W.	Schuylkill	1,970	197	3	-	-
F. & A. Coal Co.	Schuylkill	1,200	100	3	-	-
Falls Coal Co.	Schuylkill	1,495	245	3	-	-
Fay-Mar Coal Co.	Schuylkill	4,676	227	4	-	-
Haas Coal Co.	Schuylkill	7,000	242	4	-	-
Herring, Harvey & Richard	Schuylkill	4,316	148	3	-	-
Herring, Smith & Frew Co.	Schuylkill	80	15	3	-	-
Hob Coal Co.	Schuylkill	60	20	3	-	-
Huth Coal Co.	Schuylkill	600	150	2	-	-
K. & S. Coal Co.	Schuylkill	306	36	3	-	-
Klinger Coal Co., E.	Schuylkill	4,288	264	3	-	-
Klinger Coal Co., Leroy	Schuylkill	240	60	2	-	-
Koperna Coal Co., Paul	Schuylkill	100	34	3	-	-
Koperna Coal Co., John	Schuylkill	2,466	198	3	-	-
Koperna Coal Co., Frank	Schuylkill	40	18	3	-	-
L. S. & F. Coal Co.	Schuylkill	250	30	3	-	-
Little Mine Coal	Schuylkill	381	120	4	-	-
M. & W. Coal Co.	Schuylkill	75	30	3	-	-
Mansion Coal Co.	Schuylkill	1,261	170	3	-	-
Mountain Top Coal Co.	Schuylkill	2,512	225	3	-	-
Reber & Koons Coal Co.	Schuylkill	40	15	2	-	-
Reber & Zimmerman Coal Co.	Schuylkill	672	168	2	-	-
Rekla Coal Co.	Schuylkill	2,113	142	3	-	-
Richland Coal Co.	Schuylkill	125	40	3	-	-
S. S. & M. Coal Co.	Schuylkill	2,340	156	4	-	-
Sapphire Coal Co.	Schuylkill	100	20	3	-	-
Sharp Mountain Coal Co.	Schuylkill	460	100	2	-	-
Stoppi Coal Co.	Schuylkill	20	5	3	-	-
Tokarczek Coal Co.	Schuylkill	4,904	240	3	-	-
Viola & Pozza Coal Co.	Schuylkill	4,800	240	3	-	-
Watcher Coal Co.	Schuylkill	3,600	223	4	-	-
Williams Coal Co., Elmer	Schuylkill	275	57	2	-	-
Z. & D. Coal Co.	Schuylkill	146	32	2	-	-
District Total		54,411	127	100	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<u>DISTRICT 23</u>						
A. & K. Coal Co.	Northumberland	-	102	3	-	-
B. & B. Coal Co.	Northumberland	3,329	263	4	-	-
B. & B. Coal Co.	Northumberland	400	200	3	-	-
Bojack Coal Co.	Northumberland	800	160	3	-	-
Bridy, Victor	Northumberland	2,600	225	3	-	-
Chango Coal Co.	Northumberland	-	12	3	-	-
D. & G. Coal Co.	Northumberland	866	98	3	-	-
Else & Son, Charles	Northumberland	2,187	216	3	-	-
G. & D. Coal Co.	Northumberland	1,895	124	3	-	-
H. K. & K. Coal Co.	Northumberland	1,400	148	3	-	-
K. & K. Coal Co.	Northumberland	1,589	268	3	-	-
K. & S. Coal Co.	Northumberland	-	120	3	-	-
Kopitsky Brothers	Northumberland	150	50	2	-	-
Kozar Coal Co.	Northumberland	3,360	300	3	-	-
L. & L. Coal Co.	Northumberland	974	145	3	-	-
Skidmore Vein Slope	Northumberland	-	50	3	-	-
No. 8 Vein Slope	Northumberland	-	50	3	-	-
Total		974	-	6	-	-
Lone Pine Coal Co.	Northumberland	4,127	265	3	-	-
Maple Shade Coal Co.	Northumberland	-	50	2	-	-
Mayton Brothers	Northumberland	2,384	245	4	-	-
P. & R. Coal Co.	Northumberland	2,702	285	4	-	-
Primrose Coal Co.	Northumberland	349	129	3	-	-
Ramph Coal Co.	Northumberland	2,404	170	3	-	-
Redd Coal Co.	Northumberland	645	96	2	-	-
Sanders Coal Co.	Northumberland	2,849	222	4	-	-
Sapphire Coal Co.	Northumberland	806	90	4	-	-
W. & S. Coal Co.	Northumberland	1,152	140	4	-	-
Wehry, Paul	Northumberland	280	78	3	-	-
Witkoski Coal Co.	Northumberland	1,120	200	4	-	-
Yanik Coal Co.	Northumberland	1,291	260	3	-	-
Zegarski Coal Co.	Northumberland	941	166	3	-	-
No. 10 Vein Slope	Northumberland	145	40	3	-	-
Holmes Vein Slope	Northumberland	-	40	3	-	-
District Total		40,745	165	97	-	-

<u>DISTRICT 24</u>						
Clay Coal Co.	Northumberland	150	120	3	-	-
Czech Bros. Coal Co.	Northumberland	500	150	4	-	-
Dugan Coal Co.	Northumberland	6,032	250	4	-	-
Duke Mining Co.	Northumberland	220	18	3	-	-
Four Partners	Northumberland	4,520	262	4	-	-
Grego & Deitz Coal Co.	Northumberland	3,698	300	3	-	-
Kilo Brothers Coal Co.	Northumberland	-	15	2	-	-
Lytle Brothers Part.	Northumberland	250	100	4	-	-
Lytle, Zimmerman, Henninger	Northumberland	100	80	3	-	-
Mary Lee Coal Co.	Northumberland	300	60	4	-	-
P. & S. Coal Co.	Northumberland	150	20	2	-	-
Radziewicz Bros. Coal Co.	Northumberland	1,752	220	3	-	-
Valley Coal Co.	Northumberland	250	34	3	-	-
District Total		17,922	135	42	-	-

<u>DISTRICT 26</u>						
A. & M. Coal Co.	Schuylkill	195	74	2	-	-
A. & S. Coal Co.	Columbia	1,500	225	3	-	-
Ashland Community Enter.	Schuylkill	-	318	2	-	-
B. & D. Coal Co.	Columbia	200	60	3	-	-
B. & N. Coal Co.	Schuylkill	4,000	205	4	-	-
Beaver Coal Co.	Schuylkill	740	100	4	-	-
Big Buck Coal Co.	Schuylkill	25	120	2	-	-
Brokenshire & Co.	Schuylkill	4,933	292	4	-	-
Coates Coal Co.	Columbia	-	30	4	-	-
Dyssel & Bros. Coal Co.	Schuylkill	1,150	324	4	-	-
F. R. S. Coal Co.	Schuylkill	400	120	4	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<u>DISTRICT 26 (Continued)</u>						
F. & W. Coal Co.	Columbia	970	103	3	-	-
Forgotsch Bros.	Schuylkill	1,060	309	2	-	-
Four Pines Coal Co.	Schuylkill	1,895 a	300	3	-	-
G. & B. Coal Co.	Columbia	3,120	275	4	-	-
G. & F. Coal Co.	Schuylkill	197	70	2	-	-
H. & M. Coal Co.	Schuylkill	4,114	277	3	-	-
Hutira Coal Co.	Schuylkill	15	24	3	-	-
J. & D. Coal Co.	Schuylkill	2,900	280	4	-	-
Jid Coal Mining Co., Inc.	Schuylkill	90	39	3	-	-
Kluchinsky & Co.	Schuylkill	25	10	2	-	-
L. Z. D. Coal Co.	Columbia	35	50	2	-	-
M. & S. Coal Co.	Schuylkill	109	37	3	-	-
Markarczyk Bros. Coal Co.	Schuylkill	1,005	327	3	-	-
Matrishin Coal Co.	Schuylkill	420	159	3	-	-
Mickey Coal Co.	Schuylkill	2,960	208	4	-	-
Morack Coal Co.	Columbia	2,000	201	3	-	-
P. & D. Coal Co.	Columbia	865 b	123	3	-	-
P. & J. Coal Co.	Columbia	140	61	3	-	-
Packer No. 3 Coal Co.	Schuylkill	593	200	3	-	-
Polcovich Coal Co.	Columbia	6,885	255	4	-	-
R. & W. Coal Co.	Columbia	150	120	3	-	-
S. & M. Coal Co.	Schuylkill	278	73	3	-	-
Shen Coal Co.	Columbia	2,465 c	299	3	-	-
Vinskje Coal Co.	Schuylkill	-	28	2	-	-
Vinskje & Hendricks Coal	Schuylkill	50	24	2	1	-
Wadleigh Coal Co.	Schuylkill	4,937	252	4	-	1
District Total		50,421	168	113	1	1

NOTE: (a) Formerly operated by Moran Coal Co., worked 91 days, 3 men, produced 325 tons.
 Formerly operated by Burma Coal Co. worked 113 days, 4 men, produced 340 tons.
 (b) Formerly operated by D. & H. Coal Co. worked 100 days, 3 men, produced 800 tons.
 (c) Formerly operated by Abrasonis Coal Co. worked 49 days, 3 men, produced 369 tons.

DISTRICT 28

B. & B. Coal Co.	Northumberland	12,800	260	5	-	-
B. K. & P. Coal Co.	Northumberland	2,130	282	3	-	-
Bell Coal Co.	Northumberland	5,087	246	4	-	-
C. & M. Coal Co.	Northumberland	60	50	3	-	-
D. & J. Coal Co.	Northumberland	8,413	303	5	-	-
Fetteroif Coal Co.	Northumberland	3,876	228	5	-	-
Garcia Coal Co.	Northumberland	6,000	190	5	-	-
Gripp Coal Co.	Northumberland	220	24	4	-	-
Harry's Coal Co.	Northumberland	2,674	224	3	-	-
K. & M. Coal Co.	Northumberland	60	60	3	-	-
K. W. & J. Coal Co.	Northumberland	3,855	240	4	-	1
Kerstetter Coal Co.	Northumberland	3,840	192	5	-	-
Kulpmont Coal Co.	Northumberland	2,233	201	4	-	-
L. & L. Coal Co.	Northumberland	3,347	226	3	-	-
L. & M. Coal Co.	Northumberland	21,856 a	285	4	-	-
L. & S. Coal Co.	Northumberland	1,500	150	3	-	-
Lotus Coal Co.	Northumberland	3,556	260	3	-	-
M. G. & S. Coal Co.						
No. 3 Vein Slope	Northumberland	500	110	4	-	-
No. 4 Vein Slope	Northumberland	2,730	235	4	-	-
Total		3,230	345	8	-	-
Mattis Coal Co.	Northumberland	1,400	140	3	-	-
Nork Coal Co.	Northumberland	1,300	260	4	-	-
S. & M. Coal Co.	Northumberland	2,542	166	4	-	-
South Mountain Coal Co.	Northumberland	5,860	256	4	-	-
Split Vein Coal Co.	Northumberland	866	73	4	-	1
Sun Coal Co.						
No. 1 Vein Slope	Northumberland	3,260	240	4	-	-
No. 4 Vein Slope	Northumberland	4,500 b	250	4	-	-
Total		7,760	490	8	-	-
Twin Oaks Coal Co.	Northumberland	2,146	223	3	-	-
W. & S. Coal Co.	Northumberland	7,500	250	5	-	1

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<u>DISTRICT 28 (Continued)</u>						
Yuhus Coal Co.						
No. 2 Vein Slope	Northumberland	100	65	3	-	-
No. 10 Vein Slope	Northumberland	100	90	3	-	-
Total		200	155	6	-	-
District Total		114,311	198	115	-	3

NOTE: (a) Formerly operated by Foura Coal Co., produced 5,225 tons, worked 130 days, 4 men.
 (b) C. & M. Coal Co. formerly operated No. 4 Vein Slope produced 1,948 tons, worked 120 days, 4 men.

DISTRICT 29

A-B Coal Mine	Northumberland	1,158	175	3	-	-
A. & W. Coal Co.	Northumberland	510	85	3	-	-
B. & A. Coal Co.	Northumberland	125	35	3	-	-
B-Y Coal Co.	Northumberland	150	100	2	-	-
Blue Coal	Northumberland	115	90	3	-	-
Brady Coal Co.	Northumberland	500	175	3	-	-
D. D. Z. Coal Co.	Northumberland	288	80	3	-	-
D. V. W. Coal Co.	Northumberland	255	96	3	-	-
Etzel Coal Co.	Northumberland	500	90	4	-	-
Eureka Coal Co.	Northumberland	1,200	100	4	-	-
F. & L. Coal Co.	Northumberland	1,266	265	3	-	-
G. & M. Coal Co.	Northumberland	1,572	131	3	-	-
Good Hope Coal Co.	Northumberland	-	3	2	-	-
H. & B. Coal Co.	Northumberland	-	40	2	-	-
H. K. Z. Coal Co.	Northumberland	753 a	180	3	-	-
K. H. K. Coal Co.	Northumberland	3,479	176	3	-	-
K. & Z. Coal Co.	Northumberland	1,300	140	3	-	-
Kalsta Coal Co.	Northumberland	3,816	222	4	-	-
M. & P. Coal Co.	Northumberland	300	70	3	-	-
Motto Partnership	Northumberland	1,800	180	2	-	-
McBab Coal Co.	Northumberland	563	60	2	-	-
N. & S. Coal Co.	Northumberland	-	30	2	-	-
P. M. P. Coal Co.	Northumberland	150	23	3	-	-
Petrovich Coal Co.	Northumberland	560	80	3	-	-
Pine Line Coal Co.	Northumberland	3,600	300	4	-	-
Pleasant View Coal Co.	Northumberland	1,590	265	3	-	-
S. & H. Coal Co.	Northumberland	500	125	3	-	-
Shady Side Coal Co.	Northumberland	972	59	3	-	-
Sozoka & Merena Coal Co.	Northumberland	500	245	2	-	-
Sunnyside Coal Co.	Northumberland	-	8	2	-	-
T. & G. Coal Co.	Northumberland	75	60	3	-	-
T. & H. Coal Co.	Northumberland	80	40	2	-	-
W. & F. Coal Co.	Northumberland	1,152	192	3	-	-
Warren Coal Co., L. J.	Northumberland	300	50	3	-	-
West Point Coal Co.	Northumberland	890	196	2	-	-
Windsor Coal Co.	Northumberland	1,070	262	4	-	-
District Total		31,089	128	103	-	-

NOTE: (a) Formerly H. & S. Coal Co. produced 367 tons, worked 84 days, 2 men.

DISTRICT 30

A. & W. Coal Co.	Schuylkill	20	20	2	-	-
B. & H. Coal Co.	Schuylkill	800	140	3	-	-
B. & K. Coal Co.	Schuylkill	70	30	2	-	-
B. K. S. Coal Co.	Schuylkill	360	45	3	-	-
Bonawitz Coal Co., Daniel	Schuylkill	1,050	125	3	-	-
Deiter Brothers Coal Co.	Schuylkill	220	20	2	-	-
Ely & Brown Coal Co.	Schuylkill	600	90	3	-	-
Faust Coal Co., Charles						
Tracy Slope	Schuylkill	5,460	273	4	-	-
Diamond Slope	Schuylkill	-	20	2	-	-
Total		5,460	293	6	-	-
Good Spring Coal Co.	Schuylkill	1,440	82	3	-	-

Company	County	Production	Days Worked	Emploves	Fatal Acci- dents	Non-fatal Accidents
<u>DISTRICT 30 (Continued)</u>						
Haldeman Coal Co.	Schuylkill	6,000	300	4	-	-
K. B. M. K. Coal Co.	Schuylkill	915	150	3	-	-
Kimmel Brothers Coal Co.	Schuylkill	1,245	165	4	-	1
Knorr Coal Co.	Schuylkill	3,820	182	3	-	1
Knorr & Geist Coal Co.	Schuylkill	375	78	3	-	-
Koons Coal Co., Marcus	Schuylkill	100	100	1	-	-
Krammes Coal Co., Frank	Schuylkill	700	130	2	-	-
Kroh Coal Co.	Schuylkill	60	28	4	-	-
Lehman Coal Co., Mervin	Schuylkill	1,440	208	3	-	-
Lucas Coal Co., Jerry	Schuylkill	3,500	175	4	-	-
M. & B. Coal Co.	Schuylkill	280	80	2	-	-
M. & W. Coal Co.	Schuylkill	830	112	3	-	-
M. B. G. Coal Co.	Schuylkill	480	80	3	-	-
R. & F. Coal Co.	Schuylkill	30	20	2	-	-
R. & Z. Coal Co.	Schuylkill	200	25	3	-	-
Shade Coal Co.	Schuylkill	1,780	144	3	-	-
Stump Coal Co., F. B.	Schuylkill	2,546	160	3	-	-
L.V. No. 4 Vein Slope	Schuylkill	463	43	3	-	-
Primrose Slope	Schuylkill	463	43	3	-	-
Total		3,012	6	-	-	-
Wehrauch's, Frank	Schuylkill	948	242	1	-	-
Z. & B. Coal Co.	Schuylkill	1,850	185	3	-	-
District Total		37,582	124	84	-	2
Division Total		692,527	149	1,337	2	6

NOTE: * No production - installing timber from slope portal through surface wash.

REPORT OF OIL AND GAS DIVISION

OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

WILDCAT WELLS - REPORTED PRODUCTIVE

- WBS 421 In March, 1965, The Peoples Natural Gas Company completed the J. S. Blair Well No. 4, discovery of the Tunnel Pool, about two miles northeast of the Blair Pool, Seven Springs Field. The well had no production until Chert-Oriskany, 8,197 to total depth was fractured when the well blew in with an open flow of 11,000,000 cubic feet per day, with a rock pressure of 2722 psi in 24 hours. Total depth was 8,440 feet. The well prompted the drilling of one well a mile to the northeast, which was dry. Another well, a mile and a quarter to the southwest was about to be completed at the end of the year.
- JEF 371 Consolidated Gas Supply Corporation completed the Rochester and Pittsburgh Coal Company Well No. 2 in June of 1965, the well finding gas in the Chert-Oriskany sections at 7,095 to 7,198 feet. Initial daily open flow was 2,214,000 cubic feet, rock pressure 3845 in 31 hours. The well was not fractured. The well is two miles north of Punxsutawney. This discovery established production in the Elk Run Pool. By the end of the year four successful wells were reported drilled in the pool.
- WFS 438 The Duquesne Pool was discovered in August, 1965, by completion Duquesne Gas Company No. 1 Well, of Fox, Coen and Sloan for initial daily open flow of 20,000 cubic feet, increasing to 1,200,000 cubic feet after fracture of Chert-Oriskany at 7,485, to 7,750 feet. Total depth was 7,800 feet. This well is about three and one half miles south of the discovery well of the Murrysville Pool drilled by the same operators in 1963.
- CBA 5 George L. Reade No. 1 Well was completed in October, 1965, by The Peoples Natural Gas Company for an initial daily open flow of 8,245,000 cubic feet, natural, after the well was drilled 14 feet into the Oriskany. The well was not fractured. Rock pressure was reported to be 3,193 psi after 168 hours. Total depth was 7,810. This well established the Rager Mountain Pool, about three miles north of Johnstown, with the first production from Onondaga-Oriskany horizons in Cambria County. At the end of the year unofficial reports indicated that the Maud Emma Bole No. 1 Well of T. W. Phillips Gas and Oil Company had been completed about two thirds of a mile southwest of the discovery for an initial daily open flow of about 15,000,000 cubic feet

DIRECTORY

(Officials of the Department are listed on pages 22, 23, 24.)

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
ANTHRACITE DIVISION
Breakers, Washeries and Preparation Plants

1965

Dist- rict	Preparation Plant	Company	Location
10	Ace Breaker	Ace Coal Co.	Blakley
10	Ace Cleaning Plant	Ace Anthracite, Inc.	Blakley
18	B. & N. Breaker	B. & N. Coal Co.	Schuylkill Haven
24	Bar Mac Breaker	Bar Mac Coal Co., Inc.	Weigh Scales
26	Barry Washery	Mosolino Contracting Co.	Gordon
15	Beaver Brook Breaker	Beaver Brook Coal Co.	Beaver Brook
15	Beaver Brook Fine Coal Plant	Jeddo-Highland Coal Co.	Jeddo
19	Beechwood Cleaner Plant	Reading Anthracite Co.	Duncott
10	Bel Air Breaker	Bel Air Coal Co.	Duryea
15	Big Buck Breaker	Big Buck Coal Co.	Eckley
19	Black Heath Breaker	Phoenix Contracting Co.	Cressona
26	Blaschak Breaker	Blaschak Coal Co.	Saint Nicholas
24	Blended Breaker	Blended Coal Co.	Weigh Scales
18	Bliss Washery	Bliss & Son, Inc., R. T.	Nesquehoning R. D. 1
10	Bolands Breaker	DeAngelis, Inc.	Carbondale
1	Booth Cleaning Plant	E. & B. Coal Sales	Cherry Township
18	Brockton Breaker	Brockton Black Beauty Coal Co.	Brockton
29	Cains Breaker	Cains Coal Co.	Shamokin
15	Candleton Washery	Coleby Coal Co., Inc.	McAdoo
24	Carbon Run Breaker	Rosini Coal Co.	South Shamokin
20	D. & D. Breaker	D. & D. Coal Co.	Mount Carmel
24	D. & Z. Breaker	D. & Z. Coal Co.	Weigh Scales
20	Diamond Breaker	Diamond Coal Co., Inc.	Atlas
24	Diminick Breaker	Diminick Coal Sales	Paxinos
19	DiRenzo Breaker	DiRenzo Coal Co.	Minersville
30	Donaldson Breaker	Anthracite Fine Coals, Inc.	Donaldson
10	Dorrance Breaker	Lehigh Valley Anthracite, Inc.	Wilkes-Barre
15	Eckley Breaker	Buckley Coal Corp.	Eckley
12	Elizabethville Washery	Elizabethville Coal Co.	Elizabethville R.D.
30	Emerich Washery	Emerich, William G.	Ono
26	Englewood Breaker	Englewood Coal Co.	Frackville
15	Fine Coal Washery	Ginther Coal Co.	Ginther
19	Forestville Washery	Manbeck Dredging Co., Inc.	Forestville
10	Franklin Cleaning Plant	Lehigh Valley Anthracite, Inc.	Wilkes-Barre
30	Franklin Hydrotated Breaker	Franklin Coal Co.	Ravine
26	Gilberton Fine Coal Plant	Gilberton Coal Co.	Gilberton
24	Glen Burn Breaker	Susquehanna Coal Co.	Shamokin
11	Glen Lyon Breaker	Susquehanna Coal Co.	Glen Lyon
19	Glenn Worth Breaker	Glenn Worth Coal Co.	Cressona
24	Glosek Breaker	Glosek Brothers Coal Sales	Weigh Scales
15	Gowen Breaker	Gowen Coal Co.	Fern Glen
18	Greenwood Breaker	Greenwood Mining Co.	Rahn Township
15	Greybosh Breaker	Greybosh Coal Co.	Hazleton
17	H. J. & H. Breaker	H. J. & H. Coal Co.	Zerbe Township
15	Hazleton Shaft Breaker	Lehigh Valley Anthracite, Inc.	Hazleton
21	Hillside Breaker	Hegins Mining Co.	Zerbe
15	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenried
24	Hoover Breaker	Hoover Mining Co.	Paxinos
13	Huber Breaker	Glen Alden Corp.	Ashley
18	J. & E. Breaker	J. & E. Coal Co.	South Tamaqua
15	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	Harleigh
30	Joliett Realty Breaker *	Joliett Realty Co.	Joliett
24	K. & D. Breaker	K. & D. Coal Co.	Weigh Scales
18	K. M. & F. Breaker	K. M. & F. Coal Service	Middleport
19	K. & P. Breaker	K. & P. Coal Co.	Minersville
10	Kassa Breaker	Kassa Coal Co.	Lafin
12	Keffers Breaker	Keffers Coal Co.	Valley View
16	Kerrigan Breaker	Kerrigan Coal Co.	Williamstown
30	Koch's Breaker	Koch's Coal Co.	Ravine Box 3
16	Kocher Breaker	Kocher Coal Co., Leon E.	Valley View
19	Kowalchick Breaker	Kowalchick, Michael	Primrose
16	Legal Breaker	Legal Coal Co.	Valley View
15	Leonard Breaker	Leonard Coal Co.	Hazleton

Dist- rict	Preparation Plant	Company	Location
30	Lincoln Washery	Manbeck Dredging Co., Inc.	Pine Grove R. D. 3
15	Lion Breaker	Cunningham Coal Co.	Hazleton
19	Live Oak Breaker	Live Oak Coal Co.	Primrose
23	Locust Summit Breaker	Reading Anthracite Co.	Locust Gap
11	Loomis Breaker	Lehigh Valley Anthracite, Inc.	Hanover Township
10	Loree Breaker	Glen Alden Corp.	Larksville
24	Lower Region Washery	Lower Region Colliery	Trevorton Road
19	Lowland Washery	Manbeck Dredging Co., Inc.	Landingville
19	Lytle Washery	Winnie Land Co., Inc.	Primrose
26	Malho Breaker	Malho Coal Co.	Lavelle
26	Mammoth Breaker	Lehigh Valley Anthracite, Inc.	Raven Run
19	Maple Spring Breaker	Maple Spring Coal Co.	Branchdale
19	Marlin Breaker	Cass Contracting Co.	Marlin
10	Matisko Cleaning Plant	Matisko Coal Co.	Forest City
15	Mazaika Breaker	Mazaika Coal Co.	Tamaqua R. D. 2
12	Meadowbrook Washery	Meadowbrook Coal Co.	Lykens
12	Meadowbrook Breaker	Meadowbrook Coal Co.	Lykens
26	Midvalley Fine Coal Plant	Jeddo-Highland Coal Co.	Wilburton
19	Minersville Breaker	Minersville Coal Co.	Minersville
26	Morea Breaker	Lehigh Valley Anthracite, Inc.	Morea
10	Morgan Breaker	Penn Can Coal Co.	Old Forge
26	Mount Hazle Breaker	Locust Valley Coal Co.	New Boston
18	Mountain Side Breaker	Mountain Side Coal Co.	South Tamaqua
18	Nesquehoning Cleaning Plant	Correale Construction Co.	Nesquehoning
18	New Philadelphia Washery	Sunbury Co., Inc.	New Philadelphia
19	New Saint Nicholas Breaker	Reading Anthracite Co.	Duncott
19	New Saint Nicholas Fine Coal Plant	Reading Anthracite Co.	Duncott
24	North Line Breaker	Steam Coals, Inc.	South Shamokin
1	No. 1 Cleaning Plant	Carbondale Coal Co.	Carbondale City
1	No. 2 Cleaning Plant	Carbondale Coal Co.	Carbondale City
18	No. 6 Washery	Manbeck Dredging Co., Inc.	Lansford
30	Oakwood Breaker	Oakwood Coal Co.	Ravine
19	Old Mill Breaker	Old Mill Coal Yard	Llewellyn
19	Olenick Breaker	Olenick Brothers Coal Co.	Forestville
10	O'Toole Cleaning Plant	O'Toole, John F.	Moosic
30	Penag Breaker	Penag Coal Co.	Good Spring
10	Penbrook Breaker	Penbrook Coal Co.	Archbald
12	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen
18	Pine Forest Cleaner Plant	Reading Anthracite Co.	St. Clair
10	Pompey Breaker	Pompey Coal Co.	Jessup
30	Potts Breaker	Potts Contracting Co.	Pine Grove R. D. 3
18	R. & R. Washery	R. & R. Coal Co.	Leighton R. D. 2
18	Randolph Washery	Randolph Coal Co.	Port Carbon
29	Ranshaw Washery	Ranshaw Transportation & Auto Wreckers Co.	Ranshaw, Box 5
10	Raymond Breaker	Northwest Mining Co., Inc.	Eynon
26	Reichwein & Beury Breaker	Reichwein & Beury Coal Co.	Ashland
24	Reidinger Breaker	Reidinger Coal Service, Inc.	Paxinos
26	Rosa Breaker	Capparell Coal Co., Inc.	Shenandoah
26	St. Nicholas Fine Coal Plant	Reading Anthracite Co.	Saint Nicholas
18	Salem Creek Breaker	Lehigh Valley Anthracite, Inc.	Pottsville
20	Savitski Breaker	Savitski Brothers Coal Sales	Atlas
30	Schneck Breaker	Schneck Coal Co., Thomas W.	Pine Grove R. D. 1
10	Sebastopol Breaker	Sebastopol Coal Co.	Jenkins Township
26	Seltzer Breaker	Seltzer Coal Co.	Frackville
12	Shomper Breaker	Shomper Coal Co.	Tower City
18	Silver Creek Breaker	Silver Creek Coal Co., Inc.	New Philadelphia
26	Skytop Breaker	Skytop Coal Co.	New Boston
24	Split Vein Breaker	Split Vein Coal Co.	Weigh Scales
18	Spring Creek Breaker	Spring Creek Coal Co.	South Tamaqua
18	South Tamaqua Breaker	South Tamaqua Coal Pockets	South Tamaqua
26	Starwood Breaker	Starwood Coal Corp.	New Boston
20	State Washery	State Coal Co., Inc.	Strong
12	Stonehill Breaker	Stonehill Coal Co.	Loyalton
12	Strohecker Breaker	Strohecker Coal Co.	Elizabethville R. D.
28	Sunshine Breaker	Sunshine Coal Co.	Little Mahanoy Township
16	Superior Breaker	Superior Coal Co.	Valley View
21	Swatara Breaker	Swatara Coal Co.	Zerbe
24	Swift Breaker	Swift Coal Sales	Paxinos
10	Taylor Breaker	Moffat Coal Co., Inc.	Taylor
15	Tedesco Breaker	Tedesco Coal Co., Inc.	Pardeesville
21	Tremont Breaker	Tremont Anthracite Co.	Tremont

Dist- rict	Preparation Plant	Company	Location
17	Trevorton Breaker	Reading Anthracite Co.	Trevorton
12	Underkoffler Breaker	Underkoffler Coal Service	Lykens
15	Valley Breaker	Valley Coal Co.	Tamaqua R. D. 2
10	Waddell Breaker	Waddell Coal Mining Co., Inc.	(Winton) Jessup
19	Walton Breaker	Walton, John	Schuykill Haven
15	Wesner Breaker	Wesner Coal Co.	Tamaqua R. D. 2

NOTE: * Breaker idle during entire year.

District	Operator	General Manager	Address
29	A-B Coal Mine	A. Boscolovich	209 S. Diamond St. Shamokin
18	A. & D. Coal Co. DM	J. Daukshus	310 Elizabeth St. Tamaqua
18	A. & J. Coal Co. *	A. Chavokis	501 Second St. Port Carbon
12	A. & J. Coal Co. DM	A. Drebitko	R. D. #1 Pottsville
23	A. & K. Coal Co. *	N. Anascavage	934 Tharp St. Shamokin
17	A. & K. Coal Co. *	S. Shingara	R. D. #3 Sunbury
26	A. & M. Coal Co. *	J. Mastella	121 S. William St. Girardville
12	A. & P. Coal Co. DM	J. Reho	130 W. Broad St. Williamstown
20	A. R. M. Coal Co. *	E. McGinley	1107 Scott St. Kulpmont
26	A. & S. Coal Co. *	J. Santos	214 W. 4th St. Mount Carmel
20	A. I. & D. Coal Co. *	C. Doyle	405 N. Market St. Mount Carmel
30	A. & W. Coal Co. *	A. Zimmerman	1516 Independence St. Shamokin
29	A. & W. Coal Co. *	J. Astick	827 E. Sunbury St. Shamokin
10	Ace Anthracite, Inc. B bk	J. Pasternak	419 Center St. Taylor
10	Ace Coal Co. B	L. Simoncelli	300 Main St. Blakley
12	Acme Coal Co. DM	J. Reho	130 W. Broad St. Williamstown
19	Adams Partnership *	F. Adams	Helfenstein
15	Ajax Coal Co. *	J. Riley	P. O. Box 342 Mahanoy City
28	Alarcon Coal Co. DM	F. Alarcon	403 Melrose St. Keiser
26	Alessi Coal Co. DM	N. Alessi	722 E. Railroad St. Mahanoy City
15	Aljac Coal Co., Inc. DM	A. Peca	14 S. Main St. Mahanoy City
19	Allen Mining Co. DM	J. Stranko	19 S. 21st St. Pottsville
23	Al Mar Coal Co. DM	A. Dietz	436 W. Third St. Mount Carmel
20	Amarose Brothers Coal Co. *	L. Amarose	335 E. Saylor St. Atlas
18	Andrews Partnership *	W. Andrews	118 W. Arch St. Frackville
16	Anspach & Umbenhauer Co. *	F. Anspach	R. D. 2 Pine Grove
18	Anthracite By-Products Co. bk	W. Bobowski	33 E. Monroe St. McAdoo
4-21-30	Anthracite Fine Coals, Inc. S DM B	R. E. Doebler	Tremont
26	Ashland Community Enterprises *	E. R. Ermert	702 Center St. Ashland
15	Audenried Mines, Inc. DM	A. Brazzo	New Coxeville Rd. Beaver Meadow
29	B. & A. Coal Co. *	J. Astick	827 E. Sunbury St. Shamokin
20	B. & B. Coal Co. *	A. Bielarski	37 Big Mine Run Ashland
23	B. & B. Coal Co. *	W. Borkowski	Box 487, R. D. 2 Shamokin
23	B. & B. Coal Co. *	N. Anascavage	934 Tharp St. Shamokin
28	B. & B. Coal Co. *	F. Barélla	540 W. 3rd St. Mount Carmel
16	B. B. & F. Coal Co. *	C. Bredigan	R. D. 2 Pine Grove
12	B. & C. Coal Co. *	L. Bixler	R. D. 1 Hegin
16	B. & C. Coal Co. DM	W. Clark	Valley View
26	B. & D. Coal Co. *	H. Barlow	103 E. Saylor St. Atlas
17	B. & E. Coal Co. *	D. Ernest	643 Center St. Shamokin
20	B. & E. Coal Co. *	W. Biscoe	448 W. Ogden St. Girardville
30	B. & H. Coal Co. *	J. Bender	R. D. 3 Pine Grove
19	B. H. & L. Partnership *	G. Honyara	P. O. Box 264 Minersville
20	B. & K. Coal Co. *	P. Kostingo, Jr.	Maizeville
30	B. & K. Coal Co. *	J. Kintzel	R. D. 2 Pine Grove
28	B. K. & P. Coal Co. *	J. Patrilak	324 Melrose St. Keiser
30	B. K. S. Coal Co. *	W. Shade	Star Route Spring Glen
16	B. & M. Coal Co. DM	W. Moyer	Valley View
19	B. & M. Coal Co. *	J. Bombar	127 S. Street Minersville
18	B. & N. Coal Co. BP	D. Koury	1038 Laurel St. Pottsville
26	B. & N. Coal Co. *	C. Nork	Shaft
30	B. & O. Coal Co. DM	C. Ressler	R. D. 2 Hegin
12	B. & P. Coal Co. *	W. D. Showers	135 West St. Williamstown
20	B. & S. Coal Co. *	E. Sosnoski	219 Melrose St. Keiser
23	B. & S. Coal Co. DM	V. Blascovich	1124 W. Montgomery St. Shamokin
29	B-Y Coal Co. *	J. Yankoski	1771 Pulaski Ave. Shamokin
19	B. Z. & D. Coal Co. *	J. Zitka	R. D. 2 Pottsville
4	Bain, Alfred S	A. Bain	99 Wideawake St. Pine Grove
12	Bair Coal Co. *	F. Bair	Williamstown
17	Banks Coal Co. DM	M. Kidron	110 Market St. Trevorton
24	Bar Mac Coal Co., Inc. BP	C. Greco	P. O. Box 412 Mount Carmel
11	Bartoli Construction Co. bk	E. Bartoli	559 E. Northampton Wilkes-Barre
20	Bator Coal Co. *	L. Bator	402 North St. Keiser
4	Bear Gap Stripping Co., Inc. S	G. W. Tallman	P. O. Box 86 Lykens
18	Bear Ridge Coal Co. *	P. Smertsy	125 N. 4th St. Frackville

District	Operator	General Manager	Address	District	Operator	General Manager	Address	
15	Beaver Brook Coal Co. BP	E. Dormer	Beaver Brook	24	Czech Brothers Coal Co. *	Stanley Czech	1038 W. Fern St.	Shamokin
26	Beaver Coal Co. *	R. Beaver	127 N. Catherine St.	20	D. & D. Coal Co. BP	Cyril Doyle	405 N. Market St.	Mount Carmel
10	Bel Air Coal Co. B	B. Andrews	P. O. Box 36	29	D. D. Z. Coal Co. *	J. Dombroski	1123 Chemung St.	Shamokin
28	Bell Coal Co. *	M. Stasick	551 Market St.	19	D. E. & C. Co. bk	E. Weyman	R. D. 1, Box 89	Pottsville
4-18	Bernitsky Brothers Coal Co. S	J.J. Bernitsky	17 Water St.	12	D. & G. Coal Co. *	Roy Geist	R. D. 2	Hegins
18	Bernitsky & Stenuils Partnership*	J. Bernitsky	17 Water St.	23	D. & G. Coal Co. *	A. Gonzalo	36 Second Street	Strong
15	Big Buck Coal Co. BP	E. Kalinovich	37 Main St.	18	D. & H. Partnership *	Harry David	R. D. 1	Schuylkill Hav.
26	Big Buck Coal Co. *	C. Cress	53 Main St.	16-17	D. H. & W. Coal Co. DM	K. Whitmer	Box 174-F, R. D. 2	Paxinos
19	Big Hill Coal Co. *	J. Zukowski	Washington St.	28	D. & J. Coal Co. *	D. Fedako	1915 Race Street	Ashland
18	Big Pine Coal, Inc. DM	V. Basgil	113 N. Sheridan St.	19	D. & K. Coal Co. *	Albert Karol	R. D. 1, Box 162	Pottsville
15	Biskupic Coal Co. *	J.K. Biskupic	Saint Nicholas	20	D. K. & M. Coal Co. *	G. Klingner	R. D. 2	Hegins
16	Bixler Coal Co. DM	H. Bixler	P. O. Box 412	20	D. & N. Coal Co. *	E. Narcavage	326 West 4th St.	Mount Carmel
3-26	Blaschak Brothers S BP DM	W. Blaschak	P. O. Box 345	20	D. R. Z. Coal Co. * DM	E. A. DiRienzo	330 Melrose Street	Keiser
24	Blended Coal Co. BP	C. Greco	P. O. Box 345	29	D. V. W. Coal Co. *	J. E. Davis	309 S. Rock Street	Shamokin
1	Bliss Coal Co. S	C. Bliss	35 E. Center St.	18	D. Y. & N. Coal Co. *	Adam Delinko		Seltzer
18	Bliss & Son, Inc., R. T. bk	R. T. Bliss, Jr.	R. D. 2	24	D. & Z. Coal Co. BP	S. Diminick	P. O. Box 351	Shamokin
30	Bloch Brothers Coal Co. DM	H. Bloch	720 Lytle St.	17	Dallabrida Coal Co. DM	F. Dallabrida	21 East Avenue	Mount Carmel
4	BlueBell Enterprises, Inc. S	J. W. Butcavage	505 N. Second St.	19	Dando Coal Co., F. P. DM	F. P. Dando	P. O. Box 56	Pottsville
29	Blue Coal *	A. Rovito	Williamstown	4	Dando & Troup Coal Co. S	D. J. Dando	117 S. Second St.	Minersville
12	Blyler Coal Co., Glen *	G. Blyler	Pine Grove	10	DAngelis, Inc. B DM bk	J. C. Baumann	P. O. Box 505	Carbondale
30	Bonawitz Coal Co. *	D. Bonawitz	915 W. Pine St.	10	DAngelis Supreme Anthracite bk	J. C. Baumann	P. O. Box 505	Carbondale
23	Bojack Coal Co. *	W. Bogus	Pottsville	30	Deiter Brothers Coal Co. *	Glen Deiter	R. D. 2	Hegins
19	Bosack Coal Co. DM *	F. Bosack, Jr.	R. D. 2, Box 788	21	Dembinsky Coal Co., W. *	W. Dembinsky	R. D. 1	Ashland
18	Bottom Split Coal Co. *	R. Swilp	R. D. 2	20	Diamond Coal Co., Inc. BP	S. Greco	P. O. Box 25	Mount Carmel
30	Bowman & Coleman Coal Co. DM	H. Bowman	R. D. 1, Box 195 1/2	1	Diamond Colliery Co. S	J. Giovannini	2046 Dorothy St.	Scranton
29	Bridy Coal Slope *	G. Bridy	237 W. Girard St.	16	Diamond Coal Co. *	Junior Harner	14 N. Crescent St.	Tremont
3	Bridy, Incorporated S	E. Bridy	1475 Poplar St.	24	Diminick Coal Sales BP	V. Scicchitano	P. O. Box 132	Paxinos
23	Bridy, Victor *	V. Bridy	476 W. Frack St.	19	DiRenzo Coal Co. BP	D. DiRenzo	R. D. 2, Box 752	Pottsville
18	Broad Mountain Coal Co. *	J. Swilp	P. O. Box 224	24	Dugan Coal Co. *	J. Leschinski	456 S. Pearl St.	Shamokin
18	Brockton Black Beauty Coal Co. BP	R. Tenaglia	R. D.	24	Duke Associates DM	Joseph Duke	1023 W. Willow St.	Shamokin
26	Brokenshire & Co. *	G. Brokenshire	127 W. Noble St.	26	Duke Mining Co. *	Joseph Duke	1023 W. Willow St.	Shamokin
2	Brook Contracting Corp. S	G. Racho	300 W. Broad St.	1	Dyszal & Brothers Coal Co., Steve*	Michael Dyszel	229 N. Second St.	Girardville
4	Brosious & Troup Co. S	J. Troup	811 Market St.	1	E. & B. Coal Sales S B	Edwin Booth	P. O. Box 206	Mildred
17	Bruno & Peifer Coal Co. *	J. Bruno	P. O. Box 129	16	E. & H. Coal Co. S	F. Surace	157 Cottage Street	Carbondale
18	Bubel Coal Co. DM	M. Bubel	P. O. Box 219	28	E. & H. Coal Co. DM	E. Melusky	144 W. Third Street	Mount Carmel
3	Buck Coal Co. S	J. E. Miller	Box 153-A, R. D. 1	20	E. & T. Coal Co. DM	Pedro Ibanez	700 West Arch St.	Pottsville
21	Buck Coal Co. *	J. Gurski	R. D. 2	18	E. & Z. Coal Co. *	Kenneth Etsel	Coal Run	Ranshaw
15	Buckley Coal Corp. BP	N. James	557 W. Girard St.	24	Eagle Hill Coal Co. *	J. Donitus	700 West Arch St.	Pottsville
20	Burnrite Coal Co. DM	J. Zukus	R. D. 1	10	Ely Coal Co. DM	William Lytle	R. D. 2	Shamokin
16	Bush Coal Co. DM	E. Bush	559 E. Northampton	12	Elizebethville Coal Co. W bk	Anthony Agatti	155 N. Main Street	Pittston
1-10	C. B. M. Coal Co. S bk	E. Bartoli	429 W. John St.	23	Elze & Son, Charles *	Ronald Elze, Jr.	1321 Chestnut St.	Kulpmont
19	C. & F. Coal Co. *	W. Flail	P. O. Box 454	30	Ely & Brown Coal Co. *	Charles Elze, Sr.	R. D. 2	Hegins
3	C. & J. Coal Co. S	C. Greco	R. D. 1	30	Emerich, William G. W bk	Gilbert Ely		Ono
16	C. K. S. Coal Co. DM	I. Swartz	1268 Chemung St.	10	Empire Coal Co. bk	W. G. Emerich	Panama Street	Pittston
28	C. & M. Coal Co. *	P. Merena	233 N. Broad Mt. Ave.	26	Englewood Coal Co. BP	M. J. Naples, Jr.	8th & High Streets	Frackville
19	C. & P. Coal Co. *	A. Chukusky	101 E. Drinker St.	20	Ennis Coal Co. DM	Michael Sluck	7 West Center St.	Ashland
1-10	C. & S. Excavating Co. S bk	P. Corrozi	1412 W. Lynn St.	16	Erdman Brothers Coal Co. DM	William Ennis		Valley View
29	Cains Coal Co. B	E. J. Cain	92 Lombard St.	10	Esgro Coal Co. DM	Jay Erdman	335 Washington St.	Jermy
18	Canfield Coal Co. *	T. Canfield	Box B North End Sta.	29	Etzel Coal Co. *	Kenneth Etzel	117 Main Street	Ranshaw
1	Capone Coal Co. S	P. Capone	136 E. Fifth St.	29	Eureka Coal Co. *	S. Rozinski	609 West Water St.	Shamokin
26	Capparell Coal Co., Inc. B	S. T. Capparell	78 Cottage St.	21	F. & A. Coal Co. *	Andrew Koperna	R. D. 2	Schuylkill Hav.
3-26	Capparell Strip. & Const. Co. S bkS	T. Capparell	P. O. Box 81	20	F. & L. Coal Co. *	Henry Fessler	923 E. Commerce St.	Shamokin
1	Carbondale Coal Co. S B	T. J. Gillen, Jr.	R. D. 2, Box 360 1/2	29	F. & L. Coal Co. *	John Landau	626 State Street	Shamokin
4	Cardiff Stripping Co., Inc. S	E. Gorenty	230 S. Oak St.	26	F. R. S. Coal Co. *	Steve Forgotsch	R. D. 2	Tamaqua
19	Cass Contracting Co. BP	J. V. Ryan	615 Front St.	19	F. & W. Coal Co. *	Walter Whalen	R. D. 2	Pottsville
23	Chango Coal Co. * DM	R. Pitello	42 Independence St.	19	F. & W. Coal Co. *	Elmer Williams	R. D. 1, Box 229-B	Ashland
19	Cherkis Partnership *	W. Cherkis	R. D. 3	12	F. & W. Coal Co. *	Elmer Fishburn	1100 Brook Street	Ashland
3	Chervanik Associates S	C. R. Chervanik	684 N. Vine St.	20	F. W. D. Coal Co. *	Russel Houtz		Tower City
17	Chestnut Coal Co. *	S. Shingara	601 Poplar St.	17	Fago Coal Co. *	George Fago	316 W. Park Street	Centralia
15	Chucot Coal Co. *	M. Chucot	690 Bear Valley Ave.	17	Fairdeal Coal Co. DM	Leon Shingara	527 Bear Valley Ave.	Shamokin
1	Cicio Coal Co. S	M. Cicio	P. O. Box 505	21	Falls Coal Co. *	Herman Stine		Zerbe
12	Clark Coal Co. DM	C. Maurer, Jr.	North Street	18	Farley & Inhat Coal Co. DM	J. N. Farley	R. D. 1	Pottsville
24	Clay Coal Co. *	L. Rupp	Thompson Bldg.	30	Faust Coal Co., Charles *	Charles Faust		Muir
10	Coalbrook Sales Co., Inc. bk	J. C. Baumann	School Row	21	Fay-Mar Coal Co. *	C. E. Leininger	24 North Pine St.	Tremont
26	Coates Coal Co. *	R. Franklin	15 Turner St.	15-18	Fegley Brothers Coal Co. *	John Fegley	P. O. Box 296	Mahanoy City
15	Coley Coal Co., Inc. W bk	G. A. Schnee	215 N. 9th St.	15	Fern Glen Mining Co. *	Paul Davis	P. O. Box 43	Rock Glen
30	Colket Coal Co. DM	J. Messaros	392 Fifth St.	10	Fern Hill Coal Co. *	Sam Sallo	540 Charles St.	Throop
1	Consolidated Equipment Co. S	C. Dewees	109 E. First St.	20	Fernandez Coal Co. *	D. Fernandez	112 Melrose St.	Keiser
3	Conyngham Contracting Co. S	W. J. Farley	804 W. Market St.	21	Fetterolf Coal Co. DM	Walter Mudry	1349 Chestnut St.	Kulpmont
18	Cooper & Co. *	A. Cooper	800 Exeter Ave.	28	Fetterolf Coal Co. *	James Fetterolf	Box 45, R. D. 1	Shamokin
18	Correale Construction Co. bk	G. M. Seiler		30	Fireside Mining, Inc. DM	Marvin Kimmel	281 S. Main Street	Pine Grove
19	Coxe Coal Co. DM	J. Swinko		26	Forgotsch Brothers *	V. Forgotsch	522 W. Mahanoy St.	Mahanoy City
15	Cunningham Coal Co. B bk	F. Moran		26	Forsum Coal Co. DM	Joseph Sluck	P. O. Box 395	Gilberton

District	Operator	General Manager	Address	
24	Four Partners	John Vrona	814 E. Sunbury St.	Shamokin
26	Four Pines Coal Co.	David Moran	Buck Mountain	Barnesville
30	Franklin Coal Co. BP	F. Miller		Ravine
18	Frye Brothers Coal Co.	Robert Frye		Quakake
26	G. & B. Coal Co.	Thomas Gaughan	38 Oakland Street	Ashland
26	G. & B. Coal Co.	J. Nawraszczek	34 Westwood Street	Minersville
19	G. & D. Coal Co.	A. Gonzalo		Kulpmont
26	G. & F. Coal Co.	G. Biskupic	R. D. 2	Tamaqua
18	G. & L. Coal Co. bk	George Gormas	1643 W. Market St.	Pottsville
29	G. & M. Coal Co.	J. Guisbert	P. O. Box 60-AA	Paxinos
23	G. M. P. Coal Co. DM	Albert Geslock	530 East 7th St.	Mount Carmel
30	G. & T. Coal Co. DM	Malcolm Thompson		Tremont
12	Gangloff Brothers bk	Gené Gangloff		New Ringgold
12	Garber Coal Co. DM	George Garber	East Market St.	Williamstown
28	Garcia Coal Co. DM	J. J. Garcia	1053 Spruce St.	Kulpmont
4	Gavalis Co., Joseph S	Joseph Gavalis	808 N. Warren St.	Orwingsburg
17	Gem Coal Co.	Vaughn Ditty	R. D. 1, Box 71-A	Shamokin
4	Gerhart, George S	George Gerhart	R. D. 1	Orwingsburg
10	Gigliello Coal Co. DM	John Gigliello	10 Pittston Ave.	Yatesville
3-26	Gilberton Coal Co. S W B bk	G. A. Schnee	P. O. Box 423	Gilberton
15	Sinther Coal Co. W	D. Bressler	139 W. Chestnut St.	Hazleton
1-10-11-13	Glen Alden Corporation S B bk DM	I. L. Williams	101 S. Main St.	Ashley
3	Glenn Brass Coal Co. S	Glenn Brass	129 West Avenue	Mount Carmel
11	Glen Nan Coal Co., Inc. DM	G. H. Kienzle	232 Division St.	Wilkes-Barre
19	Glenn Worth Coal Co. BP	Carl L. Hoke	2205 W. Market St.	Pottsville
3-24	Glosek Bros. Coal Sales. S BP	Frank Glosek	1307 Mulberry St.	Shamokin
11	Glyon Mining, Inc. DM	A. Ciaraconi	232 Division St.	Kingston
12	Gonder Coal Co.	Isaac Gonder	East Market St.	Williamstown
29	Good Hope Coal Co.	J. Shervitski	213 N. Berry St.	Shamokin
16-30	Good Spring Coal Co. DM	Frederick Lucas	309 W. Main St.	Tremont
19	Gormas Coal Co. S bk	George Gormas	1742 W. Market St.	Pottsville
2-15	Gowen Coal Co. S B bk	Elmer Roth		Fern Glen
21	Granves Coal Co. bk	John Granito	R. D. 1	Pottsville
16	Green Coal Co. DM	Roy Green	R. D. 2	Hegins
18	Greenwood Mining Co. BP	Joseph Fauzio	P. O. Box 269	Tamaqua
2	Greenwood Stripping Corp. S	Joseph Fauzio	One Venice St.	Nesquehoning
24	Grego & Deitz Coal Co.	Stanley Grego	836 W. Spruce St.	Shamokin
15	Greybosh Coal Co., Inc. BP	John Greybosh	R. D. 1	Hazleton
18	Grigas Coal Co. DM	Peter Grigas	83 Railroad St.	Girardville
28	Gripp Coal Co.	Andrew Antes		Shamokin
10	Grzywacz Coal Co.	J. Grzywacz	582 S. Main St.	Archbald
17	Gudelunas Coal Co.	F. Gudelunas	27 S. Spruce St.	Mount Carmel
29	H. & B. Coal Co.	Parker Hughes	1401 W. Independence	Shamokin
3	H. & B. Coal Co. S	Henry Olaf	857 Spruce Street	Kulpmont
12	H. & D. Coal Co.	Monroe Header	R. D. 1	Ashland
19	H. & G. Coal Co.	William George	R. D. 1, Box 161	Ashland
30	H. & H. Coal Co. DM	W. A. Hüntzinger		Hegins
17	H. J. & H. Coal Co. BP	H. D. Reitz, Sr.	R. D. 2	Milton
16	H. & K. Coal Co.	D. Hoffman		Valley View
12	H. K. H. Coal Co.	Charles Koons		Valley View
23	H. K. & K. Coal Co.	John Kashner		Paxinos
29	H. K. Z. Coal Co.	T. Horoshak	817 N. Sixth St.	Shamokin
26	H. & M. Coal Co.	Charles Mitchell	107 Reed Street	Girardville
12	H. & N. Coal Co.	Arthur Hoffman		Williamstown
19	H. & P. Coal Co. DM	John Hudock	P. O. Box 362	Minersville
30	H. & S. Coal Co. DM	Robert Maurer		Hegins
29	H. & S. Coal Co.	T. Horoshak	817 N. Sixth St.	Shamokin
16-28	H. & W. Coal Co. DM	Wm. Heitzman	R. D. 2, Box 340	Shamokin
30	Haldeman Coal Co.	A. Haldeman, Sr.	R. D. 3	Pine Grove
19	Haliburda Coal Co.	B. Haliburda	231 Wylan Street	Frackville
1	Halsey Contracting Co. S	Vincent Halsey	P. O. Box 358	Carbondale
20	Hank's Coal Co. DM	H. W. Szymanski	544 W. Third St.	Mount Carmel
16	Harman Coal Co. DM	Clair Harman		Valley View
12	Harner Coal Co. DM	Alfred Harner		Valley View
28	Harry's Coal Co.	Harry Preston	355 Saylor Street	Atlas
16-21	Hatter Coal Co. DM	Ernest Hatter		Hegins
19	Hegins Mining Co. DM	William E. Carl	Walnut Street	Hegins
1	Heights Coal Co. S	Eugene Popple	P. O. Box 417	Pittston
20	Hepler Coal Co.	Charles Hepler	1320 Scott Street	Kulpmont
30	Herb & Reed Coal Co. DM	Harry Reed	1 North Hand St.	Tower City
21	Herring, Harvey & Richard	Harvey Herring	R. D. 2	Pine Grove
30	Herring Brothers Coal Co. DM	L. L. Herring	R. D. 2	Pine Grove
16	Herring Coal Co.	Daniel Herring		Pine Grove
16	High Test Coal Co. DM	Kenneth Curran	4 Furnace Grove	Minersville

District	Operator	General Manager	Address	
21	Hob Coal Co.	Palmer Otto	R. D. 2	Hegins
18	Holmes Coal Co.	John Kline		Palo Alto
2-15	Honeybrook Mines, Inc. S B	George Seiler	109 E. First St.	Audenried
24	Hoover Coal Mining Co. BP	G. W. Hoover	118 N. Sixth St.	Sunbury
21	Hoover & Reed Coal Co. DM	Allen Reed	R. D. 2	Schuylkill Hav.
12	Hornberger Coal Co.	C. Hornberger	R. D. 1	Ashland
19	Horvath Partnership	Harry David	Powder Hill Road	Schuylkill Hav.
3	Howells, T.S. & Olaf S. Strip. S	Stanley Olaf	733 Pine Street	Kulpmont
2-15	Huss, George S W bk	George Huss	West Main Street	Ringtown
21	Huth Coal Co.	Peter Huth		Zerbe
26	Hutira Coal Co.	C. Schmerfeld	132 S. Fourth St.	Frackville
16	J. & C. Coal Co. DM	J. Walacavage	R. D. 1	Pottsville
26	J. & D. Coal Co.	J. Dyszel	229 N. Second St.	Girardville
18	J. D. S. Coal Co. DM	M. J. Herbert	449 Sunbury St.	Minersville
18	J. & E. Coal Co. BP	E. P. Patrick	R. D. 3	Tamaqua
10	J. & K. Coal Co. DM	Charles Juba		Cherry Township
20	J. & K. Coal Co.	Charles Kocack	749 Chestnut St.	Kulpmont
12	J. & R. Coal Co.	Joseph Shade	R. D. 1	Hegins
17	Jade Coal Co.	R. A. Koch	1778 W. Chestnut St.	Shamokin
2-15-26	Jeddo-Highland Coal Co. W S bk B	Frank Moran	800 Exeter Avenue	West Pittston
3	Jete Coal Co. S	J. Menapace	P. O. Box 443	Mount Carmel
17	Jewell Coal Co.	H. Fetterolf	R. D. 1, Box 40	Shamokin
30	Jewell Ridge Coal Co. DM	A. Drebitko	R. D.	Pottsville
26	Jid Coal Mining Co., Inc.	Roy Maurer	P. O. Box 9	Frackville
16	Johnson Coal Co. DM	John Johnson		Lavelle
30	Joliett Realty Co. BP	Peter Poretta		Pine Grove
15	Jones Coal Co.	John Jones		Mahanoy City
30	K. B. M. K. Coal Co.	L. Krise, Sr.	30 W. Main Street	Tremont
24	K. & D. Coal Co. BP	A. Koppenhaver	P. O. Box 415	Shamokin
12	K. D. S. Coal Co.	Marvin Klouser		Valley View
12	K. E. W. Coal Co. DM	Kermit Klinger		Gratz
29	K. H. K. Coal Co.	Robert Kabanick	821 W. Mulberry St.	Shamokin
19	K. & K. Partnership	Gene Klinger	427 E. Riddle St.	Gordon
23	K. & K. Coal Co.	John Kautter	565 North First St.	Shamokin
20	K. & K. Coal Co. BP	James Krall	351 S. Chestnut St.	Mount Carmel
4	K. & K. Coal Co. S	J. R. Kovaleski	351 S. Chestnut St.	Mount Carmel
19	K. & L. Coal Co.	E. Lashendock	201 Warsaw Street	Keiser
19	K. & M. Coal Co.	K. Kulpcavage	Box 567, R. D. 2	Pottsville
28	K. & M. Coal Co.	Paul Merena		Excelsior
18	K. & M. Coal Co.	Charles Metroka	Box 165, R. D. 2	Pottsville
18	K. M. & F. Coal Service BP	Howard Fees	Washington Street	Middleport
17	K. & N. Coal Co.	Bruce Klouser		Valley View
26	K. O. R. Coal Co. DM	S. Korenkeiwz	721 Coal Street	Trevorton
19	K. & P. Coal Co. BP	C. Kiertekies	P. O. Box 273	Minersville
21	K. R. G. Coal Co. DM	H. Renninger	111 High Street	Pine Grove
10	K. S. Coal Co.	Albert Kelly	Box 260, R. D. 1	Scranton
23	K. & S. Coal Co.	E. Karlovich	303 N. Hickory St.	Mount Carmel
21	K. & S. Coal Co.	Clair Kimmel	212 S. Second St.	Pottsville
21	K. S. F. Coal Co. DM	Melvin Kroh	R. D. 2	Hegins
28	K. W. & J. Coal Co.	W. Johnson	27 North Rock St.	Shamokin
29	K. & Z. Coal Co.	Joseph Zack	1759 Tloga Street	Shamokin
29	Kaleta Coal Co.	James Kaleta	299-A Luke Fidler	Shamokin
1	Kaminski Brothers, Inc. S	E. Kaminski		Avoca
2-10-15	Kassa Coal Co. S B DM	Nicholas Kassa	322 Simpson Street	Dupont
16-30	Keffers Coal Co. BP DM	William Morgan		Valley View
17	Kent Coal Co.	Wm. Reichenbach	200 W. Shamokin St.	Trevorton
4-12	Kerrigan Coal Co. S BP	Paul Kerrigan	3rd & Chestnut Sts.	Frackville
3	Kerris & Helfrick, Inc. S	Edward Helfrick	Lehigh & Poplar Sts.	Mount Carmel
8	Kerstetter Coal Co.	R. Kerstetter	R. D. 2, Box 328	Shamokin
10	Keyser Valley Enterprises, Inc. DM	J. Giovannini	2046 Dorothy Street	Scranton
24	Kilo Brothers Coal Co.	E. Klebasko	1544 W. Mulberry St.	Shamokin
30	Kimmel Brothers Coal Co. DM	George Kimmel	Star Route	Valley View
30	Kintzel Brothers Coal Co.	Nathan Kintzel	R. D. 2	Pine Grove
18	Klimas Coal Co. DM	Albert Klimas	31 Clay Street	New Phila.
21	Klinger Coal Co., E.	Earl Klinger	R. D. 2	Hegins
21	Klinger Coal Co., Leroy	Leroy Klinger	R. D. 1	Ashland
26	Kluchinsky & Co.	A. Kluchinsky	508 W. Center St.	Mahanoy City
30	Knorr & Geist Coal Co. DM	Elwood Knorr		Hegins
30	Knorr Coal Co.	Leroy Knorr		Hegins
30	Koch's Coal Co. BP	Joseph Koch	P. O. Box 3	Ravine
4-16	Kocher Coal Co., Leon E. S BP	R. W. Rissinger		Valley View
18	Kochmier Partnership	J. Kochmier		Cumbola
30	Koons Coal Co., Marcus	Marcus Koons	R. D. 1	Pine Grove
19	Kopentz Coal Co.	W. Kopentz	R. D. 1, Box 161-A	Pottsville

District	Operator	General Manager	Address
21	Koperna Coal Co. ©	Paul Koperna	R. D. 1 Schuylkill Hav.
21	Koperna Coal Co. #2 ©	John Koperna	R. D. 2 Schuylkill Hav.
21	Koperna Coal Co. ©	Frank Koperna	R. D. 2, Box 195 Schuylkill Hav.
23	Kopitsky Brothers ©	Leo Kopitsky	438 Water Street Ranshaw
12	Koppenhaver Coal Co. DM	H. Koppenhaver	203 West Laurel St. Tremont
20	Koschoff Coal Co. ©	C. Koschoff	R. D. 1 Catawissa
19	Kost Partnership ©	Charles Kost	906 Pine Street Saint Clair
20	Kovach Coal Co. ©	Alex Kovach	1328 Scott Street Kulpmont
19	Kowalchick, Michael BP	M. Kowalchick	P. O. Box 273 Minersville
23	Kozar Coal Co. ©	Robert Kozar	Box 409, R. D. 2 Shamokin
30	Krammes Coal Co. ©	Frank Krammes	239 W. Laurel St. Tremont
4	Krell Coal Co. S	Philip A. Krell	R. D. 3 Tamaqua
18	Kristoff Coal Co. DM ©	George Kristoff	Mary-D Hugins
30	Kroh Coal Co. ©	Marlin Kroh	R. D. 1 Mount Carmel
28	Kulpmont Coal Co. ©	M. Habowski	333 S. Market St. Shamokin
20	Kurtz Coal Co. ©	Anthony Kurtz	1576 Pulaski Ave. Shamokin
21	L. E. H. Mining Co. DM	H. Renninger	111 High Street Pine Grove
17	L. E. T. Coal Co. ©	Thomas Shurock	Box 143-X, R. D. 1 Shamokin
15	L. & F. Mining Co., Inc. ©	R. E. Fellin	1015 E. Diamond Ave. Hazleton
16	L. & H. Coal Co. DM	David Lehman	100 Vaux Avenue Tremont
20	L. & K. Coal Co. ©	Alfred Lucas	Main Street Lavelle
23	L. & L. Coal Co. ©	Edward Little	934 Chestnut St. Kulpmont
28	L. & L. Coal Co. ©	John Leinig	Box 227-B, R. D. 1 Shamokin
28	L. & M. Coal Co. ©	Lambert Reber	Box 316-A, R. D. 2 Shamokin
12	L. & M. Coal Co. DM	Franklin Lucas	R. D. 3 Pine Grove
12	L. O. B. Coal Co. DM	Mark Osman	Valley View Shamokin
28	L. & S. Coal Co. ©	S. Stellar	1145 W. Spruce St. Shamokin
21	L. S. & F. Coal Co. ©	C. Stickley	278 Main Street Joliet
26	L. Z. D. Coal Co. ©	Charles Zukas	614 Walnut Street Ashland
10	Laflin Heights Coal Co. bk	Louis Falzone	540 Wyoming Ave. Wyoming
12	Lahr Coal Co. ©	Marlin Lahr	Williamstown
18	Lanscoal Mining Co., Inc. DM	S. Karabinos	West Ridge Street Lansford
30	Last Chance Coal Co. DM	Wilbur White	3rd & Chestnut Sts. Frackville
18	Lauchnor Coal Co. ©	U. Lauchnor	Pottsville
18	Laurel Hill Coal Co. DM	A. Weisacosky	417 Carbon Street Pottsville
3	Lavelle Coal Co. S	S. Diminick	P. O. Box 351 Shamokin
15	Lee Mining Co., J. F. DM	Joseph F. Lee	836 North Church St. Hazleton
16	Legal Coal Co. BP	Harry Golden	R. D. 2 Pottsville
1-2-3-10-11-15-18-26	Lehigh Valley Anthracite, Inc. S B BP bk	Frank Moran	800 Exeter Ave. W. Pittston
30	Lehman Coal Co. ©	Mervin Lehman	R. D. 1 Pine Grove
10	Lemoncelli Coal Co. ©	P. Lemoncelli	5 Jane Street Peckville
30	Lengel Coal Co. DM	Warren Lengel	R. D. 2 Pine Grove
15	Leonard Coal Co. BP	R. E. Fellin	1014 E. First St. Hazleton
30	Licoma Coal Co. DM	George Mazur	(Tremont P. O.) Joliet
21	Little Mine Coal ©	Forrest Otto	R. D. 2 Hugins
19	Live Oak Coal Co. BP	P. Laychock, Jr.	R. D. 1, Box 84-A Pottsville
26	Locust Valley Coal Co. BP bk	H. Yudecufski	P. O. Box 179 Mahanoy City
23	Lone Pine Coal Co. ©	J. J. Zupicich	825 Lott Street Shamokin
28	Lotus Coal Co. ©	T. Anzelovich	1306 Chemung St. Shamokin
24	Lower Region Colliery W	L. Chapleski	P. O. Box 240 Shamokin
12-30	Lucas Coal Co., Earl ©	Earl Lucas	R. D. 2 Hugins
20	Lykens Coal Co. ©	Allen Shoffler	337 Melrose Street Keiser
24	Lytle Brothers Partnership ©	Wm. Lytle, Jr.	634 W. Spruce St. Shamokin
24	Lytle, Zimmerman, Henninger ©	Richard Lytle	Box 367, R. D. 2 Shamokin
16	M. A. C. C. Coal Co. DM	Thomas Morgan	Hugins
12	M. A. D. Coal Co. ©	Alvin Morgan	Williamstown
30	M. & B. Coal Co. ©	Ralph Miller	R. D. 1 Pine Grove
30	M. B. G. Coal Co. ©	R. E. Miller	R. D. 1 Pine Grove
19	M. & C. Mining Co. ©	Martin Carroll	523 N. Second St. Minersville
28	M. G. & S. Coal Co. ©	Joseph Marin	301 S. Spruce St. Mount Carmel
19	M. & N. Coal Co. DM	Michael Olenick	R. D. 1, Box 114 Pottsville
18	M. & N. Coal Co. ©	L. Minarick	Cumbola Shamokin
29	M. & P. Coal Co. ©	Daniel Moroz	6 N. Seventh St. Shamokin
20	M. & P. Coal Co. bk	Joseph Ponento	122 W. Girard St. Atlas
26	M. & S. Coal Co. ©	Manuel Simoes	208 E. Center St. Mahanoy City
26	M. & S. Coal Co. DM	Allen Shoffler	337 Melrose St. Keiser
20	M. & W. Coal Co. DM	W. H. Brennan	503 West Avenue Mount Carmel
21	M. & W. Coal Co. ©	K. Wolfgang	323 W. Center St. Donaldson
30	M. & W. Coal Co. ©	George Motter	R. D. 1 Pine Grove
30	M. W. S. Coal Co. DM	Palmer Mervine	Box 306, R. D. 1 Ashland
19	M. & Z. Coal Co. ©	E. Melusky	528 Lytle Street Minersville
10	Macarelli Coal Co. DM	M. Macarelli	817 Scott Street Wilkes-Barre

District	Operator	General Manager	Address
17	Mace Coal Co. ©	Russel Mace	1520 W. Walnut St. Shamokin
17	Machesic & Crissinger Coal Co. ©	A. M. Machesic	P. O. Box 504 Trevorton
30	Madenford Coal Co. DM	G. Madenford	P. O. Box 171 Joliet
26	Makarczyk Brothers Coal Co. ©	J. Makarczyk	139 Pennsylvania Ave. Shenandoah
26	Maksimik Coal Co. bk	S. Maksimik	435 W. Columbus St. Shenandoah
21-26	Maiho Coal Co. DM BP	S. Klinger	Lavelle
23	Maple Shade Coal Co. ©	T. Kulbacki	1005 Pine Street Shamokin
19	Maple Spring Coal Co., Inc. BP	J. Pillus	Route 209 Branchdale
18-19-30	Manbeck Dredging Co., Inc. W bk	C. D. Manbeck	218 East Liberty St. Schuylkill Hav.
21	Mansion Coal Co. ©	R. Umberhauer	R. D. 1 Pine Grove
4	Manue, John J. S	J. Manue, Jr.	Box 579-B, R. D. 1 Pottsville
18	Mar Strip. & Excavating Co. bk	J. Mariner	R. D. 2 Tamaqua
10	Marchesini, David bk	D. Marchesini	423 Sixth Street West Wyoming
12	Marchuk & Sons Coal Co. ©	S. Marchuk	1804 E. Wiconisco Reinerton
15	Marko Coal Co. ©	J. Markosky	436 W. Columbus St. Shenandoah
26	Marion Mining Co., Inc. DM	Neil DeLance	P. O. Box 229 Shenandoah
17	Marquette Coal Co. ©	D. H. Marquette	611 West Pine St. Shamokin
24	Mary Lee Coal Co. ©	G. Reidinger	1027 W. Juniper St. Shamokin
10	Matisko Coal Co. B bk	J. Matisko	R. D. 3 Lake Ariel
26	Matrishin Coal Co. ©	A. Matrishin	R. D. 1 Barnesville
28	Mattis Coal Co. ©	F. Mattis	1552 Washab Street Shamokin
19	Matz Brothers Coal Co. ©	Harry Matz	12 East Savory St. Pottsville
12	Mauser Coal Co. ©	Albert Mauser	Loyalton
23	Mayton Brothers ©	Joseph Mayton	Box 861, R. D. 2 Shamokin
15	Mazaika Coal Co. BP	E. Mazaika	R. D. 2 Tamaqua
12	Meadowbrook Coal Co. BP W bk	Leslie Kimmel	Tower City
2	Meadow Coal & Excavating Co., Inc. S	Andrew Brazzo	New Coxeville Road Beaver Meadows
1	Meg Coal Co. S	Ross Gelso	1948 Wyoming Ave. Exeter
20	Mekosh Coal Co. ©	John Mekosh	920 Market Street Ashland
30	Mercury Coal Co. DM	Leon Richter	P. O. Box F Tremont
26	Metzinger Coal Co. DM	D. Metzinger	Lavelle
26	Mickley Coal Co. ©	J. Mickatavage	40 Oakland Street Ashland
10	Micklick Coal Co. ©	S. Micklick	216 Second Street Jessup
21	Miller Coal Co. DM	D. Miller	Hugins
3	Minel, Inc. S	S. Korenkiewicz	R. D. 1, Box 141-K Shamokin
19	Minersville Coal Co., Inc. BP	L. Strenkoski	P. O. Box 38 Minersville
10	Mitchell Mining Co. DM	J. Mitchell	603 Main Street Dickson City
1-10	Moffat Coal Co., Inc. S B DM	E. W. Lamb	P. O. Box 486 Scranton
19	Monrose Coal Co., Inc. ©	W. Brennan	124 Spruce Street Minersville
17	Moore Coal Co. ©	C. A. Moore	R. D. 2, Box 28 Shamokin
26	Morack Coal Co. ©	John Morack	407 North Vine St. Mount Carmel
12	Morgan Coal Co. ©	Ira Morgan	Valley View
4	Morzen Lands Co. S	R. Tenaglia	140 South Nice St. Frackville
26	Mosolino Contracting Co. W bk	M. Mosolino	P. O. Box 176 Gordon
29	Motto Partnership ©	F. J. Motto	P. O. Box 13 Excelsior
18	Mountain Side Coal Co. BP	Roy Habel	648½ East Broad St. Tamaqua
10	Mountain Slope Coal Co. DM	Luke Keating	Sibley
21	Mountain Top Coal Co. ©	W. Vesay	415 St. Francis St. Minersville
15	McAdoo Mining Co. ©	Gene Pinter	62 N. Tamaqua St. McAdoo
29	McBab Coal Co. ©	W. Klokis	299½ Luke Fidler Shamokin
3	McDonald, Joseph S	J. McDonald	25 Beech Street Girardville
10	McKeen Fuel Corp. bk	Wesley McKaig	P. O. Box 33 Lake Winola
17	N. & L. Coal Co. ©	A. J. Novrocki	Box 212, R. D. 1 Paxinos
29	N. & S. Coal Co. ©	John Hye	402 W. Chestnut St. Shamokin
21	Neumeister Coal Co., James DM	J. Neumeister	Box 66, R. D. 1 Frackville
21	Neumeister Coal Co. DM	L. Neumeister	Frackville
16	Ney & Lehman Coal Co. DM	Carl Ney	300 South Maple St. Mount Carmel
28	Norx Coal Co. ©	N. Gawinowicz	41 Sheznan Street Shamokin
3	North Line Coal Co. S	C. W. Troxell	Sunbury & Rock Sts. Shamokin
1-10	Northwest Mining Co., Inc. S B DM bk	T. J. Gillen, Jr.	78 Cottage Street Carbondale
19	Noyalas Coal Co. ©	E. Noyalas	219 N. Broad Mt. Ave. Frackville
28	No. 1 Vein Coal Mine DM	Raymond Keefer	Box 295, R. D. 2 Shamokin
12	No. 4 Coal Co. DM	Frank Lucas	Hugins
28	No. 5 Vein Coal Co. DM	Vincent Varano	406 East Pine St. Shamokin
20	No. 10½ Vein Coal Co. ©	Paul Mausley	2003 Tioga Street Shamokin
20	O. K. Coal Co. ©	E. Olbrish	753 Scott Street Kulpmont
20	O. & M. Coal Co. ©	V. O'Neill	617 Market Street Ashland
19	O. & W. Coal Co. ©	C. Oshman	2024 Center Street Ashland
30	Oakwood Coal Co., Inc. BP	D. Deaven	P. O. Box 13 Pine Grove
19	Old Mill Coal Yard BP	Raymond Stein	Llewellyn
19	Olenick Brothers Coal Co.	Nicholas Olenick	Minersville
15	Olman & Co. ©	Joseph Olman	46 N. Tamaqua St. McAdoo
1	Oliver, James & Albert S	James Oliver	99 Pine Street Pittston
30	Orbit Coal Co. DM	T. E. Daubert	R. D. 2 Pine Grove
10	O'Toole, John F. B bk	J. F. O'Toole	208 S. Hyde Park Ave. Scranton

District	Operator	General Manager	Address	
19	Otto M. Coal Co. DM	Mildred O. McHenry	Hegins	
12	P. & C. Coal Co. @	A. Perseponko	220 Water Street	Williamstown
18	P. & D. Coal Co. @	Joseph Peck		Middleport
26	P. & H. Coal Co. @	Earl Deeter	P. O. Box 54-A	Hegins
19	P. & H. Coal Co. @	Walter Pewar	R. D. 2, Box 550	Pottsville
26	P. & J. Coal Co. @	J. Polcovich	109 E. Center St.	Centralia
18	P. K. & C. Coal Co. @	Paul Garber	R. D. 1	Barnesville
26	P. & M. Coal Co. bk	V. A. Pitingolo	142 South Oak St.	Mount Carmel
29	P. M. P. Coal Co. @	P. Oleonevich	29 North Berry St.	Shamokin
23	P. & R. Coal Co. @	J. Rutkowski	Box 471, R. D. 2	Shamokin
24	P. & S. Coal Co. @	George Shumock	624 State Street	Shamokin
18	P. & S. Coal Co. @	Joseph Pitel	304 W. Railroad St.	Pottsville
18	Pacine Coal Co. @	Michael Pacine	P. O. Box 64	Cumbola
26	Packer No. 3 Coal Co. @	Thomas Ryan	950 West Coal St.	Shenandoah
18	Palerino Coal Co. @	J. Palerino	R. D. 3	Pottsville
20	Palmer Coal Co. @	John Palmer	417 West Pine St.	Shamokin
16	Parkway Anthracite Co., Inc. DM	W. J. Jones	P. O. Box 433	Pottsville
18	Partnership Coal Co. @	J. Markowski	631 Third Street	Port Carbon
1	Pasternak Brothers S	J. Pasternak	419 Center Street	Taylor
20	Paul Coal Co. @	William Paul	1314 Poplar Street	Kulpmont
18	Peach Mountain Partnership @	C. Steranko	569 East Arch St.	Pottsville
20	Peacock Coal Co. @	E. Starkowskie	434 West Girard St.	Atlas
18	Peck Coal Co. @	Peter Peck	2270 W. Norwegian St.	Pottsville
20	Penag Coal Co. B DM	Edward Twigg	Sunbury & Rock Sts.	Shamokin
10	Penbrook Coal Co. B bk	Richard Fabbri	729 North Main St.	Archbald
1-10	Penn Can Coal Co. B bk S	P. J. Walsh	P. O. Box 74	Old Forge
10	Pennsylvania Coal Co. M	Joseph Martin	Jefferson Avenue	Scranton
10	Perry Coal Sales Co., Thomas bk	Thomas Perry	531 Green Ridge St.	Scranton
10	Petam Enterprises, Inc. DM	J. Giovannini	223 Sanovia Street	Exeter
29	Petrovich Coal Co. @	S. Petrovich	958 Spruce Street	Kulpmont
17	Phillips Coal Co. DM	L. H. Phillips	R. D. 1, Box 133	Shamokin
4-12-19	Phoenix Contracting Co. S bk BP	William Jones	P. O. Box 433	Pottsville
10	Pientack Coal Co. @	Henry Pientack	911 Charles Street	Archbald
12	Pine Creek Coal Co. BP	Ronald Klinger	Main Street	Spring Glen
29	Pine Line Coal Co. @	Harry Wallick	302 South Market St.	Shamokin
17	Pine Tree Coal Co. @	Blair E. Deibler	R. D. 1, Box 143-R	Shamokin
1	Pioneer Excavating Co. S	B. Tolerico	Frost Hollow Road	Chrystal Lake
19	Pitel Partnership @	Joseph Pitel	304 West Railroad St.	Pottsville
15	Pleasant Hill Coal Co. DM @	P. Smulligan	939 E. Mahanoy Ave.	Mahanoy City
29	Pleasant View Coal Co. @	B. PincoSKI	1527 West Spruce St.	Shamokin
20-26	Polcovich Coal Co. @	J. Polcovich	103 East Center St.	Centralia
10	Pompey Coal Co. B	Charles Pompey	P. O. Box 91	Jessup
20	Poponiak Brothers Coal Co. @	John Poponiak	146 Warsaw Street	Keiser
10	Popple Coal Sales, Raymond bk	Raymond Popple	300 Newrose Bldg.	Pittston
30	Potts Contracting Co. BP	Allen Potts	64 North Main St.	Pine Grove
20	Prim Coal Co. @	Edward Gober	518 East Center St.	Shenandoah
23	Primrose Coal Co. @	S. Coveleski	1576 Wabash Street	Shamokin
4	Princeton Coal Co., Inc. S	Stanley Levan	306 South Main St.	Shenandoah
3-20	R. B. F. Coal Co. S bk	Robert Fanella	P. O. Box 454	Mount Carmel
30	R. & F. Coal Co. @	H. L. Reidler	317 W. Philadelphia	Pine Grove
18	R. G. & C. Coal Co. @	John Roman		New Phila.
16	R. & J. Coal Co. DM	Mark Minnich	R. D. 1	Pine Grove
16	R. & K. Coal Co. DM	George Rigdosh		Wiconisco
20	R. & L. Coal Co. @	Francis Revenis	528 Locust Avenue	Centralia
18	R. & R. Coal Co. bk	Ronnie Roinick	521 Oak Street	Jim Thorpe
12	R. & S. Coal Co. DM	Frank Sinko	1272 Chemung Street	Shamokin
26	R. & W. Coal Co. @	William Weir	105 Hoffman Street	Ashland
30	R. & Z. Coal Co. @	Joseph Zurat	R. D. 3	Pine Grove
15-20-29	Racho, George bk	C. E. Wezner	371 South Church St.	Hazleton
17	Raczkowskie Coal Co. @	A. Raczkowskie	1237 W. Nelson St.	Shamokin
24	Radziewicz Brothers Coal Co. @	F. Radziewicz	1103 West Fern St.	Shamokin
23	Ramph Coal Co. @	Melvin Ramph	1101 Chestnut St.	Kulpmont
18	Randolph Coal Co. bk	P. J. Connors	P. O. Box 173	Pottsville
24-29	Ranshaw Transportation & Auto Wreckers Co. W bk	L. Chapleski	P. O. Box 5	Ranshaw
3-4-17-18	Reading Anthracite Co. S BP bk B W	J. W. Rich	200 Mahantongo St.	Pottsville
19-23-26		Marcus Koons	R. D. 1	Pine Grove
21	Reber & Koons Coal Co. @	H. D. Reber	R. D. 1	Pine Grove
21	Reber & Zimmerman Coal Co. @	G. R. Rebeck	R. D. 1	Dornsife
17	Rebeck Coal Co. @	Joseph Redd, Jr.	212 North Tenth St.	Kulpmont
20-23	Redd Coal Co. @	J. M. Reed	1220 West State St.	Shamokin
17	Reed Mining Co. @	H. Reichwein	R. D. 1, Box 261	Ashland
26	Reichwein & Beury Coal Co. BP	V. A. Reidinger	1027 Juniper Street	Shamokin
17-24	Reidinger Coal Mining Co. @ DM			

District	Operator	General Manager	Address	
24	Reidinger Coal Service, Inc. BP	J. Reidinger	P. O. Box 62	Paxinos
18	Reiseg Coal Co. DM	Luther Reiseg		Barnesville
19-21	Rekia Coal Co. @	Guy Recla	21 Cherry Street	Port Carbon
19	Rem Coal Co. @	Joseph Millard	413 N. Delaware Ave.	Minersville
16-21	Reminger Coal Co. DM @	T. Reminger		Zerbe
18	Reminger Partnership @	Arthur Coulson		Pottsville
21	Richland Coal Co. @	S. Rodnick		Minersville
20	Rick Coal Co. bk	Michael Rick	500 Chestnut St.	Kulpmont
19	Rickert Coal Co. @	T. Rickert	111 South Fourth St.	Tower City
4	Ridge Stripping Co., Inc. S	S. Levan	304 W. Market Street	Pottsville
1-10	Rock Contractor, C. A. S bk	C. A. Rock	R. D. 1	Clarkes Summit
17	Rocky Mountain Coal Co. @	M. T. Kerstetter	R. D. 2	Shamokin
18	Romanosky Partnership @	Thomas Green	76 Wiggins Street	New Phila.
10	RoMike Coal Co. @	Michael Beggin	405 Front Street	Jessup
3-24	Rosini Coal Co. S BP	E. J. Rosini	P. O. Box 184	Shamokin
12	Rowe Coal Co. @	Arthur Rowe		Loyalton
20	Rust Coal Co. @	Joseph Brosius	Box 487, R. D. 2	Shamokin
21	S. & F. Coal Co. DM	A. Sabitsky	R. D. 2	Pottsville
29	S. & H. Coal Co. @	J. Strausser	866 W. Mulberry St.	Shamokin
12	S. & K. Coal Co. @	Robert Snyder		Spring Glen
19	S. & M. Coal Co. @	P. McGovern		Branchdale
28	S. & M. Coal Co. @	R. J. Marchetti	629 East Fourth St.	Mount Carmel
26	S. & M. Coal Co. @	John Stasowski	12 Big Mine Run	Ashland
21	S. & M. Coal Co. DM	John Simodejka	325 Penn Street	Minersville
3	S. & N. Coal Co. @	Joseph Sheptock	747 Pine Street	Kulpmont
20	S. & S. Contracting Co. S	E. Sosnoski	219 East Melrose St.	Keiser
16	S. & S. Coal Co. DM	L. Stutzman		Valley View
21	S. S. & M. Coal Co. @	J. Schoffstall	101 West Main St.	Tremont
12	S. & W. Coal Co. DM	C. L. Williamson		Valley View
16	Salada Coal Co. @	John Salada	119 East Grand Ave.	Tower City
19	Salem Coal Co. @	J. T. Harvey	137 Sunbury Street	Minersville
12	Salic Coal Co. @	Harry Salic	Ray Street	Williamstown
11	San Mining Co., Inc. DM	G. H. Kienzie	St. Mary's & River Rd.	Wilkes-Barre
3	Sanchez Construction Co. S	Alonso Sanchez	P. O. Box 1311	Centralia
23	Sanders Coal Co. @	W. Anaseavage	1015 West Pine St.	Shamokin
18	Sandrock Coal Co. @	Walter Fisher	221 North Coal St.	Port Carbon
23	Sapphire Coal Co. @	John Kimmel	R. D. 1	Ashland
3-20	Sapphire Coal Co. @	Raymond Maurer		Helfenstein
19	Savitski Brothers Coal Sales S BP	Joseph Savitski	Forest & Mulberry St.	Atlas
16	Seananawaitis Brothers Coal Co. DM	A. Seanawaitis	530 Lytle Street	Minersville
19	Schell Brothers Coal Co. @	Steward Schell		Reinerton
19	Scheib Coal Co. @	Michael Scheib	235 West Main St.	Tremont
18	Schickram, William bk	W. Schickram	130 Clay Street	Tamaqua
3-4	Schock, Norman C. S	Norman Schock		Tuscorora
3-4	Schneck Coal Co., Thomas W. BP	T. W. Schneck	R. D. 1	Pine Grove
4-19	Schuykill Contracting Co. S bk	F. J. Ryan	Box 360, R. D. 2	Pottsville
21	Schwartzlander Coal Co. DM	J. Schwartzlander	31 North Street	Tremont
20	Scott Coal Co. @	D. Metzinger	Cherry Street	Lavelle
1	Scranton Excavating Co. S	R. Domiano	3 McClure Street	Old Forge
10	Sebastopol Coal Co. BP bk	A. Giarratano	P. O. Box 72	Pittston
26	Seltzer Coal Co. BP	F. Seltzer	P. O. Box 11	Frackville
16	Shade Coal Co. DM	Alvin Shade		Valley View
30	Shade Coal Co. @	Mark Shade		Hegins
4-21	Shally Construction Co. S DM	S. Shallamanda	R. D. 1	Ashland
21	Sharp Mountain Coal Co. @	A. Donofrio		Pine Grove
26	Shen Coal Co. @	J. Abrasonis	601 Turkey Run	Shenandoah
15	Shenandoah Coal Co. @	Leo Slominsky	428 West Cherry St.	Shenandoah
12	Shomper Coal Co. @ BP	Russel Shomper, Sr.		Williamstown
16	Shuey Coal Co. DM	John Ebert		Hegins
20	Shuey & Morgan Coal Co. DM	Lawrence Shuey	P. O. Box 52	Hegins
19	Silver Creek Coal Co., Inc. BP	Andrew Bonchack	P. O. Box 246	New Phila.
18	Siminitus Coal Co. @	E. Siminitus	R. D. 1, Box 99	Pottsville
15-26	Simoos & Co., Manuel DM	Manuel Simoos	208 E. Center St.	Mahanoy City
20	Skidmore Coal Co. @	J. Kenenitz	R. D. 1	Ashland
26	Skidmore Coal Co. DM	W. Lippman	P. O. Box 1233	Centralia
18	Skrupnek Coal Co. @	D. Skrupnek	222 Clay Street	Tamaqua
19	Skrobak & Gaul Coal Co. @	Adam Skrobak	R. D. 3	Pottsville
26	Skytop Coal Co. BP DM	J. D. Perrira	P. O. Box 355	Mahanoy City
1	Slenska Coal Co. S	John Slenska	225 Gorham Avenue	Mayfield
28	Slo-Burn Coal Co. DM	George McCabe	49 North Oak St.	Mount Carmel
30	Spancake & Herring Coal Co. DM	Milton Spancake	R. D. 2	Pine Grove
12	Smeltz Coal Co. @	Clarence Smeltz	P. O. Box 133	Dornsife R. D.
18	Smith Coal Co. @	John Smith	R. D. 1	Ringtown
18	Smith Coal Co. DM	Herbert Smith	143 Willow Street	Delano

District	Operator	General Manager	Address
21	Smith Coal Co. DM	Louis Smith	Locust Gap
19	Sorokach Coal Co. @	E. Sorokach	Minersville
29	Soroka & Merena Coal Co. @	John Soroka	Excelsior
15	Souchak Coal Co. @	F. M. Souchak, Jr.	Mahanoy City
28	South Mountain Coal Co. @	I. Wilkinson	Trevorton
4	South River Coal Co. S	William Brazzo	Brocton
18	South Tamaqua Coal Pockets BP	Donald Warne	Tamaqua
17	Spindel Top Coal Co. @	Robert Bixler	Shamokin
3-24-26-28	Split Vein Coal Co. S @ BP DM bk	Elwood Swank	Paxinos
18	Spring Creek Coal Co. BP	L. Bechtel	Tamaqua
17	Springfield Coal Co. @	S. S. Korenkiewicz	Trevorton
16	Stahl & Shade Coal Co. DM	John Stahl	Valley View
20	Stan Coal Co. @	F. Stancavage	Shamokin
26	Starwood Coal Corp. BP	Alfred Peca	Mahanoy City
20	State Coal Co., Inc. bk W	C. R. Chervanik	Shamokin
24	Steam Coals, Inc. BP	C. W. Troxell	Shamokin
12	Stonehill Coal Co. BP	E. Hassinger	Loyalton
21	Stoppi Coal Co. @	Michael Stoppi	Frackville
12	Strohecker Coal Co. BP	J. Strohecker	Elizabethville
12	Stroup Coal Co. @	Clarence Stroup	Dalmatia
19	Studiack Partnership @	George Studlack	Minersville
30	Stump Coal Co., F. B. @	F. B. Stump	Pine Grove
10	Sturgis Coal Co. @	J. Kryzanowski	Taylor
10	Sullivan Trail Coal Co. Shops	James Tedesco	W. Pittston
28	Sun Coal Co. @	D. Fabrizo	Shamokin
18	Sunbury Co., Inc. bk	R. E. Doebler	Tremont
29	Sunnyside Coal Co. @	Darwin Maurer	Shamokin
28	Sunshine Coal Co. BP	R. Steinhart	Trevorton
16	Superior Coal Co. BP	Roy Blyler	Valley View
1-11-23-24	Susquehanna Coal Co. S BP DM	William Moore	Nanticoke
15	Styka Brothers Coal Co. @	Edward Styka	Mahanoy City
20	Swamp Coal Co. @	Joseph Yatsko	Mount Carmel
4-21	Swatara Coal Co. S BP	W. P. Parker	Zerbe
24	Swift Coal Sales BP	Adam Swift	Shamokin
29	T. & H. Coal Co. @	Leo Timko	Shamokin
29	T. & G. Coal Co. @	Harry Grazel	Ranshaw
18	T. & L. Coal Co. @	Harry Thompson	Pottsville
17	T. & M. Coal Co. @	Thomas Morris	Shamokin
17	Taglieri Coal Co. @	A. Taglieri	Shamokin
10	Tallamelli Coal Co. DM	N. Tallamelli	West Wyoming
15	Tedesco Coal Co., Inc. bk B	F. M. Tedesco	Pardeesville
15	The Dutchman Coal Co. @	William Stoyer	Schuykill Hav.
18	Three "C" Coal Co. @	Bernard Cooper	Port Carbon
18	Three Star Coal Co. @	Michael Amos	Brocton
21	Tokarchek Coal Co. @	Michael Tokarchek	Minersville
19	Tomalavage Coal Co. @	C. Tomalavage	Middleport
16	Tracy Coal Co. @	Junior Harner	14 North Crescent St. Tremont
18	Tracy Coal Co. @	Michael Dudash	R. D. 3 Pottsville
18	Tracy Coal Co. @	Adam Skrobak	R. D. 3 (Wadesville) Pottsville
21	Trenton Anthracite Co., Inc. BP	Kenneth Wolfgang	Donaldson
15	Trenton Coal Co. @	A. Sherkness	22 East Spruce St. Mahanoy City
12	Trio Coal Co. @	W. D. Showers	Route 1 Williamstown
17	Triple "S" Coal Co. @	A. Johnson	P. O. Box 243 Shamokin
4	Tropps, L. & J. S	John Tropp	Box 200, R. D. 2 Pottsville
1	Turnpike Coal Co. S	John Vitali	330 Field Street Dunmore
28	Twin Oaks Coal Co. @	Albert Shepley	Box 102, R. D. 1 Shamokin
12	Twin Partnership @	J. J. Reilly	R. D. 1 Pottsville
12	Underkoffler Coal Service BP	H. Underkoffler	Lykens
12	Underkoffler Coal Co. @	G. Underkoffler	Williamstown
3	Unique Coal Co. S	Millard Long	933 Chestnut Street Kulpmont
13	V-R Coal Corp. DM	A. Biscontini	543 Pierce Street Kingston
4	Valent Coal Co. S	Frank Valent	360 South Center St. Pottsville
15	Valley Coal Co. BP	Stanley Lech	R. D. 2 Tamaqua
24	Valley Coal Co. @	Leonard Rupp	R. D. Pitman
12	Valley Construction Co.	George Fronk	Valley View
10	Village Slope Coal Co. DM	L. Coccodrelli	P. O. Box 646 Jessup
19-26	Vinskie Coal Co. @	Alex Vinskie	237 N. Broad Mt. Ave. Frackville
26	Vinskie & Hendricks Coal Co. @	A. Vinskie	304 Oakland Avenue Ashland
21	Viola & Pozzo Coal Co. @	Victor Viola	R. D. 2 Pottsville
10	Virby Coal Co. @	G. Virbitsky, Jr.	1315 Lackawanna Ave. Mayfield
19	Vockie Partnership @	Chester Vockie	326 Arnot Street Saint Clair
29	W. & F. Coal Co. @	W. Wasarhely	511 Webster Street Ranshaw
23	W. & S. Coal Co. @	Albert Snyder	1509 Independence St. Shamokin
28	W. & S. Coal Co. @	Donald Rebeck	R. D. Dornsife
20	W. S. B. Coal Co. @	F. Wisniewski	101 Clermont Avenue Keiser

District	Operator	General Manager	Address
16	W. & U. Coal Co. DM	Allen Umbenhauer	R. D. 2 Pine Grove
10	Waddell Coal Mining Co., Inc. W	Peter Brohak	Archbald P.O.
26	Wadleigh Coal Co. @	Frank Mucha	328 South Lehigh St. Frackville
21	Walaitis Coal Co. @	John Walaitis	40 South Wyian St. Frackville
19	Walton, John BP	John Walton	R. D. 3 Pottsville
29	Warren Coal Co., L. J. @	Lawrence Warren	218 W. Independence Shamokin
21	Watcher Coal Co. @	Michael Watcher	Llewellyn Shamokin
23	Wehry, Paul @	Paul Wehry	1516 W. Independence Shamokin
30	Wehrauch's, Frank @	Frank Wehrauch	434 East Weidman St. Lebanon
15	Wesner Coal Co. BP	W. J. Wesner	R. D. 2 Tamaqua
28	West Cameron Coal Co. DM	Robert Erb	410 N. Shamokin St. Shamokin
29	West Point Coal Co. @	J. Petrovich	14 West Willow St. Shamokin
19	West West Coal Co., Inc. DM	Leo Strenkoski	P. O. Drawer 1 Minersville
10	Western Mining Corp. DM	Bruno Ferritti	913 Wyoming Ave. W. Pittston
19	Westwood Coal Co. DM	Charles Martin	R. D. 1 Pottsville
18	Whippoorwill Coal Co. DM	J. Tarconish	Washington Street Middleport
26	White Birch Coal Co. DM	N. DeLance	118 West Oak Street Shenandoah
12	White's Vein Coal Co. DM	Clayton Shade	Sacramento
15	Whytko & Co. @	Robert Whytko	7 West Garfield St. McAdoo
15	Wiconisco Washery, Inc. bk	T. J. Reilly	P. O. Box 219 Hazleton
16	Wiest Coal Co. DM	Stanley Wiest	Valley View Middleport
4	Wilmington Coal Stripping Co. S	Earl Gorenty	Middleport
21	Williams Coal Co., Elmer @	Elmer Williams	R. D. 1, Box 249-B Ashland
18	Williams Partnership @	Evan Williams	New Phila. Valley View
16	Williamson Coal Co. DM	A. R. Williamson	Valley View Shamokin
29	Windsor Coal Co. @	Charles Nalewak	1121 West Pine St. Pottsville
19	Winnie Land Co., Inc. @	Frank Ryan	R. D. 2, Box 360 Pottsville
23	Witkoski Coal Co. @	A. Witkoski	206 Third Street Ranshaw
12	Wolfe Coal Co. @	William Wolfe	North Street Williamstown
19	Woodside Mining Co. @	John Olenick	R. D. 1, Box 117-A Pottsville
23	Woratyla Coal Co. DM	Charles Gregonis	Pine Grove
21	Yanik Coal Co. @	J. P. Yanik	Excelsior
18	Yob Coal Co. DM	Leo Yob	R. D. 1 Schuylkill Hav
20	Yost Coal Co. @	Edward Yost	51 South Pine St. Mount Carmel
24	Yudacufski Brothers bk	I. Yudacufski	20 South Third St. Frackville
28	Yuhas Coal Co. @	John Yuhas	301 South River Ave. Sunbury
30	Z. & B. Coal Co. @	J. A. Zimmerman	R. D. 3 Pine Grove
21	Z. & D. Coal Co. @	F. M. Zimmerman	R. D. 3 Pine Grove
12	Z. & R. Coal Co. @	William Reiner	Orwin
18	Zakrewsky Coal Co. DM	P. Zakrewsky	Tamaqua
23	Zanella Brothers Coal Co. DM	J. Zanella	Dooleyville No. 6 Mount Carmel
23	Zigarski Coal Co. @	Albert Zigarski	1433 Poplar Street Kulpmont
20	Zimmerman Coal Co., Marlin DM	M. Zimmerman	Ravine
20	Zlocki Coal Co. @	Leonard Zlocki	431 Melrose Street Keiser

NOTE: DM - Denotes Deep Mines Employing Five (5) or More Persons.
 @ - Denotes Deep Mines Employing Fewer Than Five (5) Persons.
 S - Denotes Strip Mine Operations.
 B - Denotes Breakers.
 BP - Denotes Breaker Preparation Only.
 M - Denotes Maintenance.
 bk - Denotes Bank Operations.
 W - Denotes Washery.