

SEVENTH ANNUAL REPORT
OF THE
MARYLAND BUREAU OF MINES
OF THE
STATE OF MARYLAND

Under the Supervision of the State Board of Labor and Statistics
DR. J. KNOX INSLEY, Commissioner

CALENDAR YEAR 1929



TO

HON. ALBERT C. RITCHIE
GOVERNOR OF MARYLAND

JOHN J. RUTLEDGE
Chief Mine Engineer



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Baltimore, Md.

LETTER OF TRANSMITTAL

To His Excellency,

HON. ALBERT C. RITCHIE,

Governor of Maryland:

Sir:

I have the honor to submit herewith the Seventh Annual Report of the Maryland Bureau of Mines for the period January 1 to December 31, 1929, in compliance with the requirements of the Maryland Mining Law.

Very respectfully,

JOHN J. RUTLEDGE,

Chief Mine Engineer.

REPORT OF THE MARYLAND BUREAU OF MINES

To His Excellency,

HON. ALBERT C. RITCHIE,

Governor of Maryland:

Sir:

The report herewith submitted is for the calendar year 1929, and is the fifty-third annual report upon conditions of the Coal and Clay mines within the State.

The reports from the various mining operators throughout the State show the tonnage to be as follows:

CLAY AND COAL PRODUCTION

Calendar Year 1929.

	(Net Tons)
Pick	2,072,630.08
Machine	665,068.13
Total.....	<u>2,737,699.01</u>

COAL PRODUCTION, ALLEGANY COUNTY

During the calendar year 1929, Allegany County employed 1,684 miners, 156 drivers, 471 inside laborers and 287 outside employes, making a total of 2,598 men. The production of coal for Allegany County during the calendar year 1929 was 1,848,405.00 net tons. This shows a production of 1,098 net tons for each miner employed during this period.

COAL PRODUCTION, GARRETT COUNTY

During the calendar year 1929, Garrett County employed 513 miners, 60 drivers, 118 inside laborers and 117 outside employees, making a total of 808 men. The production of coal for Garrett County during the year 1929 was 800,575.01 net tons. This shows a production of 1,560 net tons for each miner employed during this period.

FIRE CLAY PRODUCTION

During the calendar year 1929 the Fire Clay Mines in Allegany County employed 73 miners, 12 drivers, 65 inside laborers and 26 outside employes, making a total of 176 men. The production of

Clay for Allegany County during the calendar year 1929 was 88,719.00 net tons. This shows a production of 1,215 net tons of Clay for each miner employed during this period.

TONNAGE PER FATALITY (BY COUNTY)

In Allegany County for the calendar year 1929 there were 462,101 net tons of coal produced for each fatal accident; number of fatalities per 1,000 employes were 1.54, and number of fatalities per 1,000,000 tons of coal produced 2.16.

There were no fatalities in Garrett County during the year 1929.

TONNAGE PER FATALITY FOR ENTIRE STATE

During the calendar year 1929 there were 662,245 net tons of coal produced for each fatal accident; fatalities per 1,000 employes 1.174; fatalities per 1,000,000 tons of coal produced were 1.51.

LABOR CONDITIONS

There were no serious labor disturbances in the region during the year 1929. There were some necessary slight adjustments in tonnage and day wages, but there was no important stoppage of work.

TRADE CONDITIONS

The Western Maryland coal field continued to experience severe competition from the coal fields in West Virginia and Pennsylvania where coal was mined under more favorable conditions than in the Maryland coal field. Prices were uniformly low throughout the year and very little profit was made by any one of the companies operating.

COAL EXPORTS FROM PORT OF BALTIMORE DURING 1929

The following information was kindly furnished by G. H. Pouder, Director, Export and Import Bureau, Baltimore Association of Commerce:

Nineteen twenty-nine was a prosperous year for the Port of Baltimore export coal trade, which, concentrating on sales in the Mediterranean area, attained a yearly total of 324,070 tons, an increase of 87%. Total vessel movement for the year was 77, an increase of 67% over 1928.

With the exception of the unprecedented year of 1926, when the British coal strike resulted in exports from the Port of 5,760,543 tons, export movements approximately equalled 1926 and furnished an accurate indication of the prominent position occupied by Baltimore as a coal export center.

Italy was our most important overseas customer in 1929, taking 186,711 tons of bituminous export coal, or 57% of total exports. Italian imports registered an increase of 270% over 1928. Egypt, Canada and Algeria followed in the order named; taking 35,020, 33,040 and 28,096 tons, respectively. Total sales to the Mediterranean district were 225,413 tons, an increase of 180% over 1928 shipments of 80,190 tons. (Reasons for increased exports to the Mediterranean countries are given elsewhere.)

Eight additional countries, ranging from Porto Rico to Argentina in the Western Hemisphere and France to Africa in the Eastern, purchased Baltimore coal. Although authorities state that West Coast European business, from Gibraltar to Norway, is ordinarily closed to American exporters, Baltimore shipments were taken by Germany and France. In view of the predominant position occupied by Great Britain in Northern Europe, Baltimore, figuratively speaking, "Shipped coals to Newcastle."

Exporters were keenly aware of the possibilities of the Mediterranean area, which, although apparently limited territory, has a water-borne consumption of approximately eighteen millions tons annually. Alert shippers, ably sided by the action of the United States Shipping Board, succeeded in penetrating this profitable field. Until recently no standard freight rates for overseas coal movements have been in effect, and our Latin American and Mediterranean coal trade has been dependent on foreign shipping, which was available, at high prices, only when international commodity movements brought foreign carriers to American ports. Coal exporters overcame this difficulty by appealing to Congress and the Shipping Board, which authorized the employment in active service until June 30, 1929, of eight or more Shipping Board steamers. Not only was American export coal thus carried on American bottoms but this action resulted in stabilized rates, as foreign flag shipping reduced rates in order to compete with American carriers.

The high quality of American export coal is recognized by foreign importers who, in many cases, are paying as much as 20% more for our coals than for those of European origin.

Although England, Germany, Poland and Russia are extremely active in international coal trade, Baltimore is confident of even more success in 1930, which, from all indications, will prove to be the most successful post-strike year.

PORT OF BALTIMORE
EXPORTS OF BITUMINOUS COAL

Calendar Year 1929			Calendar Year 1928		
Country	Vessels	Tons Coal	Country	Vessels	Tons Coal
Argentina	1	5,400	Algeria	1	6,398
Africa	1	5,586	Brazil	3	20,425
Algeria	5	28,096	Canda	5	5,271
Canada	12	33,040	Cuba	11	55,961
Cuba	7	17,399	Egypt	3	26,000
Egypt	5	35,020	French West Indies.....	3	4,013
France	1	5,474			
French West Indies.....	3	5,495	Italy	6	47,792
Germany	1	608	Porto Rico.....	13	6,186
Italy	29	186,711	West Indies.....	1	1,318
Porto Rico.....	11	3,231			
Venezuela	1	10			
Total	77	324,070	Total	46	173,364

**COAL TRANSPORTED BY THE RAILROADS TRAVERSING
THE WESTERN MARYLAND COAL FIELD**

The Cumberland and Pennsylvania Railroad Company, which traverses the center of the Georges Creek coal field, handled during the calendar year 1929 from coal mines in Western Maryland, 1,102,363 gross tons or 1,234,646.56 net tons of coal.

The Western Maryland Railway Company hauled 1,146,116 net tons of coal from mines served by their line in Western Maryland. Of this total 447,575 tons were produced in the Georges Creek District.

The Baltimore and Ohio Railroad Company hauled only commercial shipments from Maryland mines. There were 744 cars and 43,656 net tons of coal hauled.

The total tonnage hauled by the three lines of railroad was 2,424,418 net tons of coal.

MARYLAND MINE INSPECTORS

From May, 1876, to May, 1878.....	Peter Cain
From May, 1878, to May, 1880.....	Owen Riordan
From May, 1880, to May, 1884.....	Thomas Brown
From May, 1884, to May, 1886.....	Dennis Sheridan
From September, 1886, to May, 1888.....	Chas. H. Hamill
From May, 1888, to May, 1892.....	R. T. Browning

From May, 1892, to May, 1896.....	F. J. McMahon
From May, 1896, to May, 1898.....	Otto Hohing
From May, 1898, to May, 1900.....	Alexander Rankin
From May, 1900, to May, 1904.....	James P. Carroll
From May, 1904, to May, 1908.....	Thomas Murphy
From May, 1908, to May, 1912.....	J. H. Donahue
From May, 1912, to May, 1916.....	William Walters
From May, 1916, to March, 1918.....	John L. Casey
From April, 1918, to June, 1918.....	John Powers
From June, 1918, to September, 1918.....	Frank T. Powers
From September, 1918, to August, 1919.....	Lawrence Dunn
From May 1, 1919, to May 1, 1920.....	Frank T. Powers
From May 1, 1920, to May 1, 1921.....	Frank T. Powers
From May 1, 1921, to September 30, 1922.....	Frank T. Powers
From Oct. 1, 1922, to May 1, 1923 (temporary appointment).....	Frank T. Powers
From May 1, 1923 (permanent appointment) to December 31, 1929	Frank T. Powers
From May 1, 1923 (permanent appointment) to April 15, 1928 (resigned)	John B. Watkins
From September 1, 1928 (permanent appointment) to December 31, 1929	Clyde J. Rowe

PERSONNEL, MARYLAND BUREAU OF MINES

Chief Mine Engineer

John J. Rutledge - - - - - 22 Light Street, Baltimore

District Mine Inspector

Frank T. Powers - - - - - Frostburg

District Mine Inspector

Clyde J. Rowe - - - - - Westernport
Appointed August 15, 1928; assumed duties September 1, 1928.

Clerk-Stenographer

Miss Julia E. Jefferson - - - - - 22 Light Street, Baltimore

Mine Examining Board

John J. Rutledge, Chairman - - - 22 Light Street, Baltimore

G. M. Gillette, Representing Coal Operators - - - - Frostburg
Resigned August 16, 1928.

R. P. Maloney, Representing Coal Operators - - - - Oakland
Appointed September 4, 1928.

Lawrence Dunn, Representing Coal Miners - - - - Midland

**SCALE OF WAGES IN THE GEORGE'S CREEK FIELD
FROM MAY 1, 1880, TO DECEMBER 31, 1924**

	Per Gross Tons Picked
May 1, 1880.....	\$0.65
June 1, 1882.....	.50
December 1, 1884.....	.40
March 1, 1887.....	.50
April 1, 1894.....	.40
April 1, 1896.....	.45
April 1, 1900.....	.55
April 1, 1903.....	.65
April 6, 1904.....	.60
April 1, 1910.....	.63
April 1, 1912.....	.65½
January 15, 1916.....	.68
October 16, 1916.....	.75
March 1, 1917.....	.85
May 1, 1917.....	.93½
November 1, 1917.....	1.04.7
November 1, 1919.....	1.19.4
April 1, 1920.....	1.31½
December 31, 1922.....	1.31½
December 31, 1923.....	1.31½
December 31, 1924.....	.90
December 31, 1924—Loading after machines.....	.65—.82

The Maryland coal operators made two increases in 1920. Effective April 1, 1920, the mining rate was increased from \$1.194 to \$1.315, and labor increased \$1.00 per day. Effective August 16, 1920, day labor was increased \$1.50 per day, no increase being made in mining. No further changes were made until May 1, 1924, when the following scale went into effect:

	Per Gross Tons
Pick Mining .....	.90
Machine Mining .....	.807

There was a very considerable change in tonnage price and day wages during the latter part of the calendar year 1926; in fact, the price was suddenly increased by one or two successive raises to an amount that was equal to that paid during the World War. There was some slight difference in the wages and tonnage price in the various parts of the district and it has not been possible to give all the various prices paid, but a general average has been taken and it is believed that the prices are in the main correct.

In the Upper Potomac District:

	Jan. 1 to Oct. 31, 1926, Incl.
Pick mining.....	\$0.70 gross ton
Machine mining.....	0.52 gross ton
Basic inside labor rate.....	0.50 per hour
Basic outside labor rate.....	0.45 per hour
	Nov. 1 to Nov. 30, 1926, Incl.
Pick mining.....	\$1.22 gross ton
Machine mining.....	0.86 gross ton
Basic inside labor rate.....	0.86 per hour
Basic outside labor rate.....	0.76 per hour
	Dec. 1 to Dec. 31, 1926, Incl.
Pick mining.....	\$0.90 gross ton
Machine mining.....	0.70 gross ton
Basic inside labor rate.....	0.60 per hour
Basic outside labor rate.....	0.55 per hour

Lower George's Creek Region, Bakerstown seam:

	Jan. 1 to Nov. 1, 1926
Pick mining.....	\$0.95 gross ton
Loading after mining machine.....	0.75 gross ton
Machine cutting.....	0.15 gross ton
Outside labor.....	0.44 to 0.50 per hour
Inside labor.....	0.56 per hour
	Nov. 1 to Nov. 30, 1926, Incl.
Pick mining.....	\$1.36½ gross ton
Machine loading.....	1.02 gross ton
Machine cutting.....	0.25 gross ton
Inside labor.....	0.90¾ per hour
Outside labor.....	0.90¾ per hour
Yardage.....	1.25 per yard
	Dec. 1 to Dec. 31, 1926, Incl.
Pick mining.....	\$1.05 gross ton
Machine loading.....	0.84 gross ton
Machine cutting.....	0.17½ gross ton
Yardage.....	1.72 per yard

Lonaconing and Vicinity, Big Vein coal seam:

	1926		
	Jan. 1-Oct. 31	Nov. 1-30	Dec. 1-31
Pick mining, gross ton.....	\$0.75	\$1.315 and 1.415	\$1.00
Tunneling, per yd. headings.....	5.00	8.50	5.91
Tunneling, per yd. pillars.....	4.50	7.65	5.31
Motorman, per 8-hour day.....	4.40	7.42	5.16
Brakeman, per 8-hour day.....	4.24	7.26	5.00
Drivers, per 8-hour day.....	4.24	7.26	5.00
Roadmen, per 8-hour day.....	4.40	7.42	5.16
Asst. Roadmen, per 8-hour day	4.24	7.26	5.00
Timberman, per 8-hour day.....	4.24	7.26	5.00
Tippleman, per 8-hour day.....	3.60	6.62	4.40
Blacksmith, per 8-hour day.....	6.00	8.00	6.80
Carpenters, per 8-hour day.....	4.40	7.26	5.16
Outside labor, per 8-hour day....	3.20	6.54	4.00

Upper George's Creek:

	1926		
	Jan. 1-Oct. 31	Nov. 1-30	Dec. 1-31
Pick mining (all gross tons):			
Big Vein	\$0.75	\$1.315	\$1.00
Tyson	0.75	1.415	1.00
Drivers, per hour.....	0.50	.90 $\frac{3}{4}$	.625
Motormen	0.53	.92 $\frac{3}{4}$	.645
Brakemen	0.50	.90 $\frac{3}{4}$	.625
Roadmen	0.50-.53	.90 $\frac{3}{4}$ -.92 $\frac{3}{4}$	.625
Timbermen	0.48	.85	.60
Electricians	0.64-.65	.91 $\frac{3}{4}$ -1.00	.70
Outside labor.....	0.40	.81 $\frac{3}{4}$	.50
Inside labor.....	0.48	.82 $\frac{3}{4}$ -.85	.60
Machine loading (Tyson).....	0.54	.....	.....
Cutting and Scraping.....	0.09-.13	.....	.....
Machine loading, Tyson:			
Loading	0.54	.95	1.02
Cutting .....	.....	.12	.13
Scraping .....	.....	.11	.12

SCALE OF WAGES—CALENDAR YEAR 1927

Lower George's Creek Region:

	Period Jan.-Feb., 1927	Period Feb.-June, 1927	Period June-Dec., 1927
Pick (per gross ton).....	\$1.00-1.01	\$.81-.85	\$.74-.75
Labor (per hour)			
Drivers .....	.62½	.55	.50
Boss motormen.....	.65½	.58	.53
Motormen .....	.62½-.66	.55-.58½	.50-.55
Firemen .....	.56¼	.49½	.45
R. R. car runners.....	.56¼	.49½	.45
Blacksmiths .....	.65½-.85	.58-.62½	.53-.75
Blacksmith helpers.....	.....	.49½	.45
Carpenters .....	.56¼-.66	.49½-.60	.45-.55
Brakemen .....	.62½	.55	.50-.52½
Boss roadsmen .....	.65½	.58	.53
Roadsmen .....	.62½-.65	.55-.57½	.52½-.53
Outside labor.....	.50	.42½-.49½	.32-.37½
Inside labor.....	.62½	.55	.50
Timbermen .....	.62½	.55	.50
Electricians .....	.62½	.55	.50
Assistant roadsmen.....	.62½	.....	.50
Tipplemen .....	.55	.....	.44
Trackmen .....	.62½	.55	.50
Timber framers .....	.62½	.55	.50
Helpers .....	.57½	.50	.47½
Dumpers .....	.55	.45	.42½
Trimmers .....	.52½	.45	.40
Pickers .....	.50	.42½	.37½
Weigh boss.....	.70	.62½	.57½
Tunneling (per yard)			
Headings	5.91	.....	4.74
Pillars	5.31	.....	4.26
Yardage (per yard)			
Main entries	8.50-9.54	7.15	6.81-6.96
Entries	7.25	6.90	6.51

Upper George's Creek Region:

	Period Jan. 1-Feb. 1, 1927		Period Feb. 1-June 16, 1927		Period June 16- Dec. 31, 1927
	<i>Big Vein</i>	<i>Tyson</i>	<i>Big Vein</i>	<i>Tyson</i>	<i>Big Vein and Tyson</i>
Pick (per gross ton).....	\$1.315	\$1.41½	\$1.00	\$1.10	\$.75
Machine (per gross ton)					
Loading .....	.95	1.02	.78	.78	.54
Cutting .....	.12	.13	.10	.10	.07
Scraping .....	.11	.12	.09	.09	.06
Labor (per hour)					
Drivers .....	.90¾	.90¾	.62½	.62½	.50
Motormen .....	.92¾	.92¾	.64½	.64½	.53
Firemen .....	.88¾	.88¾	.61	.61	.43
R. R. car runners.....	.85¾	.85¾	.59	.59	.43
Blacksmiths .....	.91¾	.91¾	.63	.63	.51
Blacksmith helpers ..	.81¾	.81¾	.56	.56	.40
Carpenters .....	.91¾	.91¾	.63	.63	.51
Brakemen .....	.90¾	.90¾	.62½	.62½	.50
Roadsmen .....	.92¾	.92¾	.64½	.64½	.53
Outside labor.....	.81¾	.81¾	.56	.56	.40
Inside labor.....	.85	.85	.58	.58	.47
Timbermen	---	---	.62½	.62½	.50
Electricians	---	---	.71¾	.71¾	.53
Electrician helpers....	---	---	.64½	.64½	.50

Upper Potomac Region:

	Period Jan. 1-23, 1927	Period Jan. 24-Dec. 31, 1927
	Pick (per gross ton).....	\$.90	$ .70
Machine (per gross ton).....	.70	.51
Arcwall cutting (per gross ton).....	.10	.08
Shortwall cutting (per gross ton).....	.13	.08
Machine runners.....	.65	.55
Trackmen .....	.65	.53-56
Trackmen helpers.....	.62	.50
Motormen .....	.63-.65	.53-55
Brakemen .....	.61-.63	.51-53
Wiremen .....	.65	.55
Drivers .....	.60-.65	.50
Picking table boss.....	.65	.55
Picking table boys.....	.35	.30
Blacksmith .....	.65	.56
Dumper .....	.60	.50
Shifter .....	.60	.50
Carpenter .....	.65	.55
Firemen .....	.65	.55
Machine scraper .....	.63	.50

SCALE OF WAGES—CALENDAR YEAR 1928

Mt. Savage and Vicinity:

Pick mining .....	.75	per net ton
Machine loading .....	.65	per net ton
Machine cutting .....	.0675	per net ton
Machine scraping .....	.0575	per net ton
Inside labor .....	.50-.5625	per hour
Outside labor .....	.45	per hour
Blacksmith .....	.75	per hour

Lonaconing and Vicinity, Big Vein (prices for entire year):

Pick mining .....	.75	per gross ton
Tunneling, per yard—neadings	4.74	per gross ton
Tunneling, per yard—pillars	4.26	per gross ton

Big Vein and Tyson Seams:

Pick mining .....	.67	per gross ton
Motorman	4.24	per day of 8 hours
Brakeman	4.00	per day of 8 hours
Drivers	4.00	per day of 8 hours
Roadman	4.24	per day of 8 hours
Assistant roadman	4.00	per day of 8 hours
Timberman	4.00	per day of 8 hours
Outside labor	3.20	per day of 8 hours

Upper Potomac Region:

	Scale Effective January 1, 1928	Scale Effective June, July, September 1 to December 30, 1928
	Per Gross Ton	Per Gross Ton
Pick mining .....	.70 to .75	.63 to .65
Machine mining .....	.52 to .55	.47 to .48
Machine cutting .....	.10	.09
	Per Hour	Per Hour
Machine mining .....	.60	.54
Machine helper .....	.57	.50
Trackmen .....	.55 to .57	.50 to .51
Trackmen helpers .....	.52 to .53	.45 to .47
Motormen .....	.55 to .57	.50 to .51
Brakemen .....	.53 to .54	.48
Drivers .....	.45 to .50-.53	.45 to .47
Wiremen .....	.57	.51
Blacksmiths .....	.60 to .61	.54 to .55
Unclassified inside labor .....	.50	.45
Unclassified outside labor .....	.40	.40

Upper George's Creek Region, Big Vein and Tyson:

Pick mining .....	.75	per gross ton
Machine loading .....	.75	per gross ton
Drivers .....	.50	per hour
Motormen .....	.53	per hour
Brakemen .....	.50	per hour
Inside labor .....	.47	per hour—\$4.00 per day
Outside labor .....	.40	per hour
Timbermen .....	.50	per hour
Blacksmiths .....	.51	per hour
Conveyor loading .....	.50	per hour

Lower George's Creek, Big Vein and Bakerstown:

Big Vein:

Pick mining .....	.72	per ton
Outside day labor .....	.40-.45	per hour
Inside day labor.....	.50	per hour

Bakerstown Seam:

Pick mining .....	.80-.85	per gross ton
Machine loaders .....	.45-.59	per gross ton
Cutting and scraping.....	.13	per gross ton
Inside day labor.....	.50	per hour
Drivers .....	.50	per hour
Blacksmiths .....	.50	per hour
Trackmen .....	.50	per hour

Six-Foot Seam:

Loading machine coal.....	.54	per gross ton
Cutting and scraping.....	.09	per gross ton
Pick mining .....	.75	per gross ton

SCALE OF WAGES FOR YEAR 1929

UPPER POTOMAC REGION

SIX FOOT AND FOUR FOOT SEAMS:

Pick mining, per gross ton, 63-65c; machine loading, per gross ton, 46-48c; cutting by machine, 8c per gross ton; trackmen, drivers, motormen, brakemen, \$3.60-\$4.05 per day of 8 hours.

MT. SAVAGE AND VICINITY

Pick mining, per gross ton, 85c; machine mining loading, 54c per gross ton; cutting, 13-15c per gross ton; day labor, \$4.00 per day of 8 hours.

FROSTBURG AND VICINITY

BIG VEIN AND TYSON SEAMS:

Pick mining, 75c per gross ton; drivers, motormen and inside labor in general, 47-53c per hour. Outside labor, 40c per hour. Conveyor loading paid for at day rates, 50c per hour.

LONACONING AND VICINITY

BIG VEIN SEAM:

January 1 to April 8, 1929, pick mining, 75c per gross ton; day labor, \$4.00-\$4.24 per day of 8 hours.

April 8 to December 31, 1929, pick mining, 65-67c per gross ton; tunneling per yard in the headings, \$3.84-\$4.26.

TYSON SEAM:

Pick mining, 75c per gross ton. Labor \$4.00 per day of 8 hours.

BARTON AND VICINITY

BAKERSTOWN SEAM:

Pick mining, 80c per gross ton; day labor 45-50c per hour per 8 hour day; machine mining, 59c per gross ton. Cutting and scrap- ing, 13c per gross ton.

MINES IDLE DURING 1929

Allegheny County

Big Vein Coal Company of Lonaconing, Inc., Elkheart Mine.
Campbell Coal Co., Hampshire Big Vein and Freeport Mines.
Charles Brunner.
J. Daddysman.
Darby Brady Coal Mines.
George's Creek & Barrellville Coal Co., Parker Mine.
George's Creek Coal Mining Company, Mine No. 1.
J. O. J. Green Coal Company.
Hope Mining Company.
Howard & Maybury.
John Smith & Sons Coal Mines.
Metz Bros. Coal Company.
Mt. Savage & George's Creek Coal Company.
Old Colony Coal Company.
Schramm & Davis Coal Company.
Solomon Brode Fuel Mine.
United Big Vein Coal Company.

Fire Clay Mine

Andrew Ramsay Company.

Garrett County

G. J. Alstetter.
Cass Coal Company.
George E. Sloan Fuel Mine.
Manor Coal Company, Mine No. 2.
Miller & Collins.
G. C. Pattison.
Pendergast & Ashby.
Standard Coal Company.
Yough Coal Company.

WAGON MINES**Allegheny County**

Aden Coal Company.
Arch Michaels Coal Company.
C. C. Bennett.
D. A. Bennett.
Charles Brunner.
Darby Brady Coal Mines.
H. G. Evans Coal Company.
Frostburg Mining Company.
J. O. J. Green Coal Company.
Howard and Maybury.
McKee & Fuller Coal Company.
O. T. Porter.
Porter & Kreitzburg.
R. C. Roberts Coal Company.
Robert Griffith.
C. W. Ross Coal Mine.
Solomon Brode Fuel Mine.
Supply Coal Company.
Vincent Engle & Sons.
William H. Barnes Fuel Mine.

Garrett County

G. J. Alstetter.
Ellis Artice Company.
Melvin Weimer.
Miller & Collins.

ABANDONED MINES

Hoffa Bros. Coal Company, Mine No. 3.
Earl Fazenbaker.
Tri-State Consolidated Coal Company.
George's Creek Coal Mining Company, Waynesburg Mine.
Casselman Valley Coal Mining Company.

**TABLE OF MINE INSPECTIONS
ALLEGANY COUNTY
FOR CALENDAR YEAR 1929**

Date.	Name of Company and Mine.	Location	Inspector.
January	4—Moscow Georges Creek Co., Pecal Mine.....	Barton	Rowe
"	7—R. C. Roberts Coal Co., Inc., Roberts.....	Luke	Rowe
"	14—Marva Coal Co., Marva Mine.....	Lonaconing	Powers
"	14-15—Campbell Coal Company, Hampshire No. 1.....	Reynolds	Rowe
"	30—A. P. Hoffa Coal Co., King Mine.....	Pekin	Powers
February	4-5—Campbell Coal Company, Hampshire No. 2.....	Reynolds	Rowe
"	8—Midlothian Coal Co., Midlothian.....	Midlothian	Powers
"	18—Mt. Savage Fuel Company, Newton.....	Mt. Savage	Powers
"	21—Thomas Dailey, Dailey 1 and 2.....	Franklin	Rowe
"	21-23—McNitt Coal Co., McNitt No. 2.....	Midlothian	Powers
"	28—Georges Creek Coal Mining Co., No. 2.....	Lonaconing	Powers
March	1—Georges Creek Coal Mining Co., Sonny No. 1.....	Lonaconing	Powers
"	4—Mt. Savage Mining Company, Liberty.....	Mt. Savage	Powers
"	6—Consolidation Coal Co., No. 4.....	Eckhart	Powers
"	6—Burtner Coal Co., Penn Mine.....	Lauder	Rowe
"	7—Consolidation Coal Co., No. 3.....	Hoffman	Powers
"	7—Moscow Georges Creek Coal Co., Pecal No. 3.....	Barton	Rowe
"	8—Union Mining Co., No. 4.....	Mt. Savage	Powers
"	11-12—Sullivan Bros. Coal Company, No. 3.....	Clarysville	Rowe-Powers
"	13-14—Campbell Coal Co., Donald.....	Reynolds	Rowe-Powers
"	18-19—Piedmont & Georges Creek Coal Co., Washington No. 5.....	Franklin	Rowe
"	21—Big Vein Coal Co. of Lonaconing, Caledonia.....	Barton	Rowe
"	21—Consolidation Coal Co., No. 12.....	Shaft	Powers
"	22—McDonald Coal Co., McDonald.....	Barton	Rowe
"	22—Georges Creek Coal Co., Inc., No. 2 Tyson.....	Lonaconing	Powers
"	26-30—Consolidation Coal Co., No. 9.....	Frostburg	Powers
April	2-3—Georges Creek Coal Co., Inc., No. 4.....	Lonaconing	Powers
"	4-8—Big Vein Coal Company of Lonaconing, Inc., Castle.....	Lonaconing	Powers
"	29—Koontz Coal Co., McKee No. 2.....	Koontz	Powers
May	13—Mt. Savage Mining Company, Liberty.....	Mt. Savage	Powers
"	16—Georges Creek Big Vein Coal Co., Bivecol.....	Lonaconing	Powers
"	17—Campbell Coal Company, Franklin.....	Franklin	Rowe
"	22—A. P. Hoffa Coal Company, Hoffa No. 2.....	Phoenix	Rowe
"	23—Marva Coal Co., Marva Mine.....	Lonaconing	Powers
"	29—Consolidation Coal Co., No. 1.....	Ocean	Powers
June	4—Consolidation Coal Co., No. 17.....	Lord	Powers
"	17—Consolidation Coal Co., No. 3.....	Hoffman	Powers
"	18—Mt. Savage Mining Company, Liberty.....	Mt. Savage	Powers
"	19—Georges Creek Coal Mining Co., Sonny No. 2.....	Lonaconing	Powers
"	20—Georges Creek Coal Mining Co., Sonny No. 1.....	Lonaconing	Powers
"	24—Midlothian Coal Company, Midlothian.....	Midlothian	Powers
July	1—Mt. Savage Fuel Company, Newton.....	Mt. Savage	Powers
"	3—W. O. Houck Coal Company, Morgart.....	Jennings	Powers
"	5—Consolidation Coal Company, No. 4.....	Eckhart	Powers
"	10—Big Vein Coal Company of Lonaconing, Caledonia.....	Barton	Rowe
August	6-8—Big Vein Coal Company of Lonaconing, Castle.....	Lonaconing	Powers
"	9—Big Vein Coal Company of Lonaconing, Pekin.....	Nikep	Powers
"	14—Campbell Coal Company, Donald Mine.....	Phoenix	Rowe
"	15—Campbell Coal Company, Hampshire No. 2.....	Reynolds	Rowe
"	15—Georges Creek Coal Co., Inc., No. 2 Tyson.....	Lonaconing	Powers
"	16—Sullivan Bros. Coal Co., No. 3.....	Clarysville	Powers
"	19—Midlothian Coal Company, Midlothian.....	Midlothian	Powers
"	20—Maryland Coal Company, Kingsland.....	Lonaconing	Powers
"	20—McDonald Coal Co., McDonald Mine.....	Barton	Rowe
"	21—Consolidation Coal Co., No. 12.....	Shaft	Powers
"	21—Piedmont and Georges Creek Coal Co., Washing- ton No. 5.....	Franklin	Rowe
"	23—Georges Creek Big Vein Coal Company, Bivecol.....	Lonaconing	Powers
"	23—Burtner Coal Company, Penn.....	Franklin	Rowe
"	28—Consolidation Coal Co., No. 3.....	Hoffman	Powers
"	29—Mt. Savage Fuel Company, Newton.....	Mt. Savage	Powers

TABLE OF MINE INSPECTIONS—Continued
ALLEGANY COUNTY
FOR CALENDAR YEAR 1929

Date.	Name of Company and Mine.	Location	Inspector.
September	3—Georges Creek Coal Mining Company, Sonny No. 1	Lonaconing	Powers
"	4—Georges Creek Coal Mining Company, Sonny No. 2	Lonaconing	Powers
"	10—Annan & Jeffries, No. 2 Tyson.....	Zihlman	Powers
"	11-13—McNitt Coal Company, McNitt No. 2.....	Midlothian	Powers
"	12—Campbell Coal Co., Franklin-Tyson.....	Franklin	Rowe
"	12—Campbell Coal Co., Franklin-Bakerstown.....	Franklin	Rowe
"	13—A. P. Hoffa Coal Company, Phoenix.....	Phoenix	Rowe
"	16-17-18-19 & 23—Consolidation Coal Company, No. 10.....	Eckhart	Powers
"	17—Big Vein Coal Company of Lonaconing, Inc. Caledonia.....	Barton	Rowe
"	20—Big Vein Coal Company of Lonaconing, Inc., Pekin.....	Nikep	Powers
"	25—Thomas Dailey, Dailey 1-2.....	Franklin	Rowe
October	2—Chapman Coal Mining Co., Swanton-Bakerstown.....	Barton	Rowe
"	7—Koontz Coal Co., McKee No. 2.....	Koontz	Powers
"	8—Midlothian Coal Company, Midlothian.....	Midlothian	Powers
"	9-10-11—Sullivan Bros. Coal Co., No. 3.....	Clarysville	Powers
"	14—Georges Creek Coal Co., Inc., No. 2 Tyson.....	Lonaconing	Powers
"	18—Marva Coal Co., Marva.....	Lonaconing	Powers
"	22—Campbell Coal Company, Hampshire No. 3.....	Reynolds	Rowe
November	4—Campbell Coal Company, Hampshire No. 2.....	Reynolds	Rowe
"	7—A. P. Hoffa Coal Company, Phoenix.....	Lauder	Rowe
"	13—Consolidation Coal Company, No. 4.....	Eckhart	Powers
"	15—Mt. Savage Mining Company, Liberty.....	Mt. Savage	Powers
"	21—Maryland Coal Company, Kingsland.....	Lonaconing	Powers
"	27—Big Vein Coal Co. of Lonaconing, Caledonia.....	Barton	Rowe
December	2—McDonald Coal Company, McDonald.....	Barton	Rowe
"	6—Burtner Coal Company, Penn.....	Lauder	Rowe
"	9—Georges Creek Big Vein Coal Company, Bivecol.....	Lonaconing	Powers
"	19—Union Mining Co., No. 4.....	Mt. Savage	Powers
"	11—Consolidation Coal Co., No. 12.....	Shaft	Powers
"	12—Big Vein Coal Co. of Lonaconing, Castle No. 1.....	Lonaconing	Powers
"	13—Big Vein Coal Co. of Lonaconing, Castle No. 2.....	Lonaconing	Powers
"	19—Piedmont & Georges Creek Coal Co., Bowery Fur- nace No. 2.....	Midlothian	Powers
"	19-20—Campbell Coal Company, Donald.....	Phoenix	Rowe
"	23—W. O. Houck Coal Co., Morgart No. 1.....	Jennings	Powers
"	26—Consolidation Coal Co., No. 3.....	Hoffman	Powers
"	27—Campbell Coal Co., Franklin-Tyson.....	Franklin	Rowe
"	27—Campbell Coal Company, Franklin-Bakerstown.....	Franklin	Rowe
"	27-30-31—Sullivan Bros. Coal Co., No. 3.....	Clarysville	Powers
"	31—Dailey Coal Company, Dailey 1-2.....	Franklin	Rowe

TABLE OF MINE INSPECTIONS—Continued
GARRETT COUNTY
FOR CALENDAR YEAR 1929

Date.	Name of Company and Mine.	Location	Inspector.
January	16-29-30—Penn-Maryland Collieries, Inc., Nethkin.....	Bayard	Powers
"	31—Davis Coal & Coke Co., Kempton No. 42.....	Kempton	Rowe
February	8-12—Shallmar Mining Corporation, Wolf Den.....	Shallmar	Rowe
"	13-14-16-18—Manor Coal Company, Manor No. 1.....	Vindex	Rowe
"	19-20—R. J. Ross Coal Mines, Inc.....	Luke	Rowe
"	27—Hamill Coal and Coke Company, Hamill Six Foot	Kitzmiller	Rowe
March	8—Hamill Coal and Coke Company, Hamill Six Foot	Kitzmiller	Rowe
"	20—Hamill Coal & Coke Co., Hamill-Freeport.....	Kitzmiller	Rowe
"	25—McCullough Coal Corp., McCullough.....	Friendsville	Powers
"	25-26-27-28—Davis Coal and Coke Company, Kempton No. 42.....	Kempton	Rowe
April	3—Penn-Maryland Collieries, Inc., Nethkin.....	Bayard	Rowe
May	23-24—Manor Coal Company, Manor No. 1.....	Vindex	Rowe
June	3-4-5-6—Davis Coal & Coke Co., Kempton No. 42.....	Kempton	Rowe
"	10—Hamill Coal and Coke Company, Hamill Six Foot	Kitzmiller	Rowe
"	12—Big Vein Coal Co. of Lonaconing, Georgian.....	Gorman	Rowe
"	14 & 17—Hamill Coal and Coke Company, Hamill Six Foot	Kitzmiller	Rowe
"	20—Hamill Coal & Coke Co., Hamill-Freeport.....	Kitzmiller	Rowe
"	24-26-27-28—R. J. Ross Coal Mines Inc., Ross Mine.....	Luke	Rowe
July	25 & 31—Manor Coal Company, Manor No. 1.....	Vindex	Rowe
August	5-6-7-8—Davis Coal and Coke Co., Kempton No. 42.....	Kempton	Rowe
September	3—Hamill Coal and Coke Co., Hamill Six Foot.....	Kitzmiller	Rowe
"	10—Hamill Coal and Coke Co., Hamill Freeport.....	Kitzmiller	Rowe
"	18-19-20 & 23—R. J. Ross Coal Mines, Inc., Ross Mine.....	Luke	Rowe
"	26—Big Vein Coal Company of Lonaconing, Inc., Georgian.....	Gorman	Rowe
October	9 & 11—Shallmar Mining Corp., Wolf Den Mine.....	Shallmar	Rowe
"	14-17—Davis Coal and Coke Company, Kempton No. 42.....	Kempton	Rowe
November	5-6—Manor Coal Company, Manor No. 1.....	Vindex	Rowe
December	17-18—Hamill Coal and Coke Company, Hamill Six Foot.....	Kitzmiller	Rowe
"	21—Big Vein Coal Company of Lonaconing, Inc., Georgian.....	Gorman	Rowe
"	30—Big Vein Coal Company of Lonaconing, Inc., Georgian.....	Gorman	Rowe

FATAL ACCIDENTS

ALLEGANY COUNTY, 1929

On Saturday, February 9, 1929, Mr. Julius Creighton, a miner employed in the Kingsland Big Vein Mine of the Maryland Coal Company, was almost instantly killed by a pillar fall while working in No. 4 Room in 5th Right Heading. Mr. Creighton was working with Mr. Arch Cook, Mr. Henry Robertson and Mr. Benjamin Hyde and while loading their fourth car, without warning, the place fell in, catching Mr. Creighton as he made an attempt to escape, on the right hand side of the place. Several attempts were made to pull him out by his buddies but this was impossible.

From the testimony given at the hearing, which was held in Lonaconing on February 13th, 1929, it appeared that the place was moving when the night shift left for home on Friday night, February 8th, and on Saturday morning several timbers had broken. The miners waited until the timbermen renewed the broken timbers, advancing with the timbermen and loading three cars along the rib. The fourth car they started to load at the face of the place. Six props were lying on the brake side of the car, over which Mr. Creighton had passed. The right side of the place was following the gob of the old workings and on the left side a thin pillar was left, only about ten feet in thickness at the turn, and there was a hole through it at the back of the place. The three cars loaded off the rib while the timbermen were renewing the timbers helped to weaken the place. This practice should be discontinued.

Great credit is due those taking part in the recovery of the body of Mr. Creighton; they forepoled a distance of 27-ft. in 11 hours.

Time of Accident—February 9, 1929, about 9:30 A. M.

Time Body was Recovered—February 10, 1929, 4:10 A. M.

Name of Injured—Julius Creighton.

Nationality—American.

Age—30 years.

Married—Yes.

Dependents—Widow and two children.

Residence—Lonaconing, Maryland.

Inspector—Frank T. Powers.

Date of Inspection—February 9, 10, 11 and 14, 1929, by

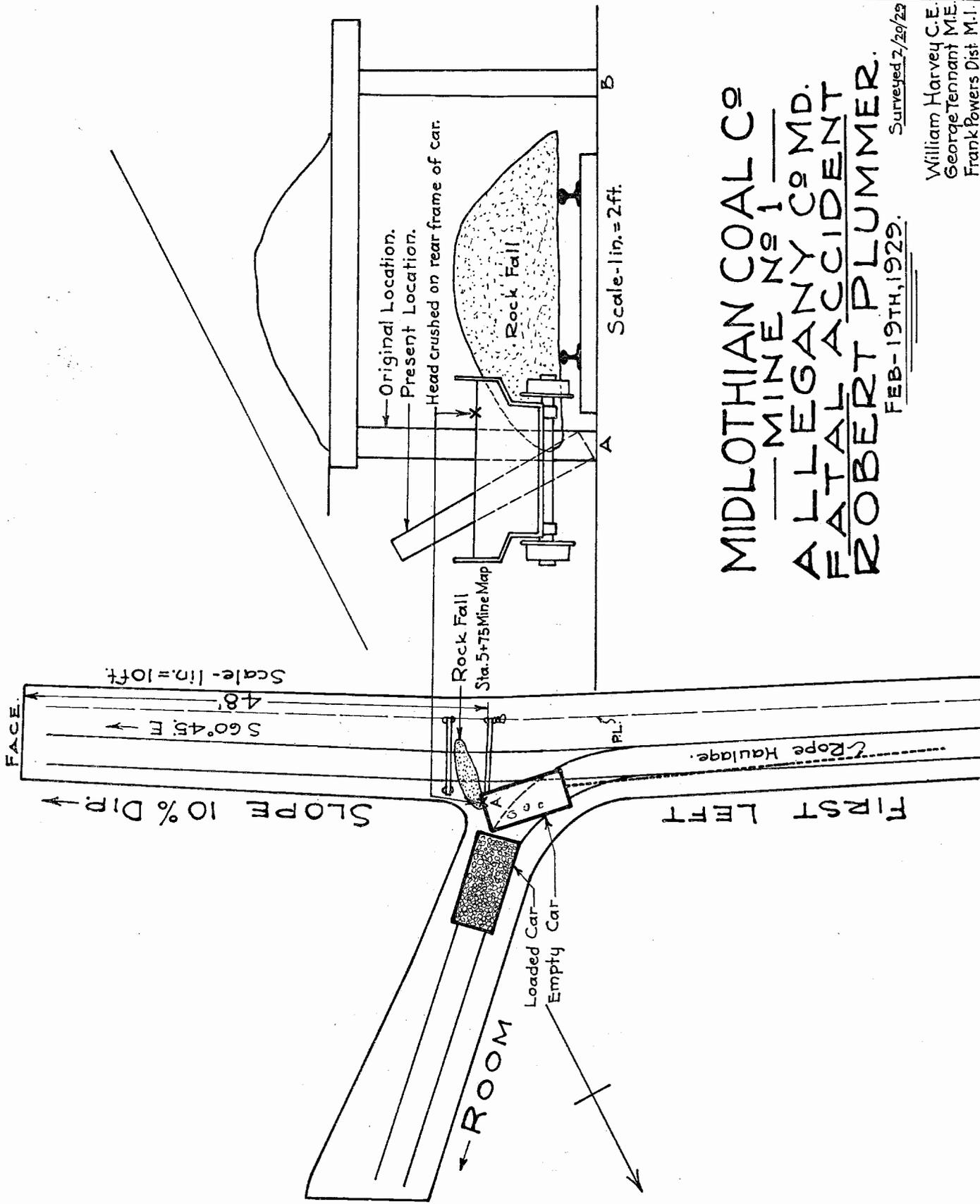
Inspector Powers, accompanied by Chief Mine Engineer

J. J. Rutledge, District Mine Inspector Clyde J. Rowe,

Mine Superintendent L. Burton Stevens, and Mine Fore-

man Felix Foote.

Recommendation: The pressure came from the right or from the brake side of the car. The deceased was found on the brake side, the other three miners came out on the left side of the car. The place was working when the men went home the night before.



Original Location.
 Present Location.
 Head crushed on rear frame of car.

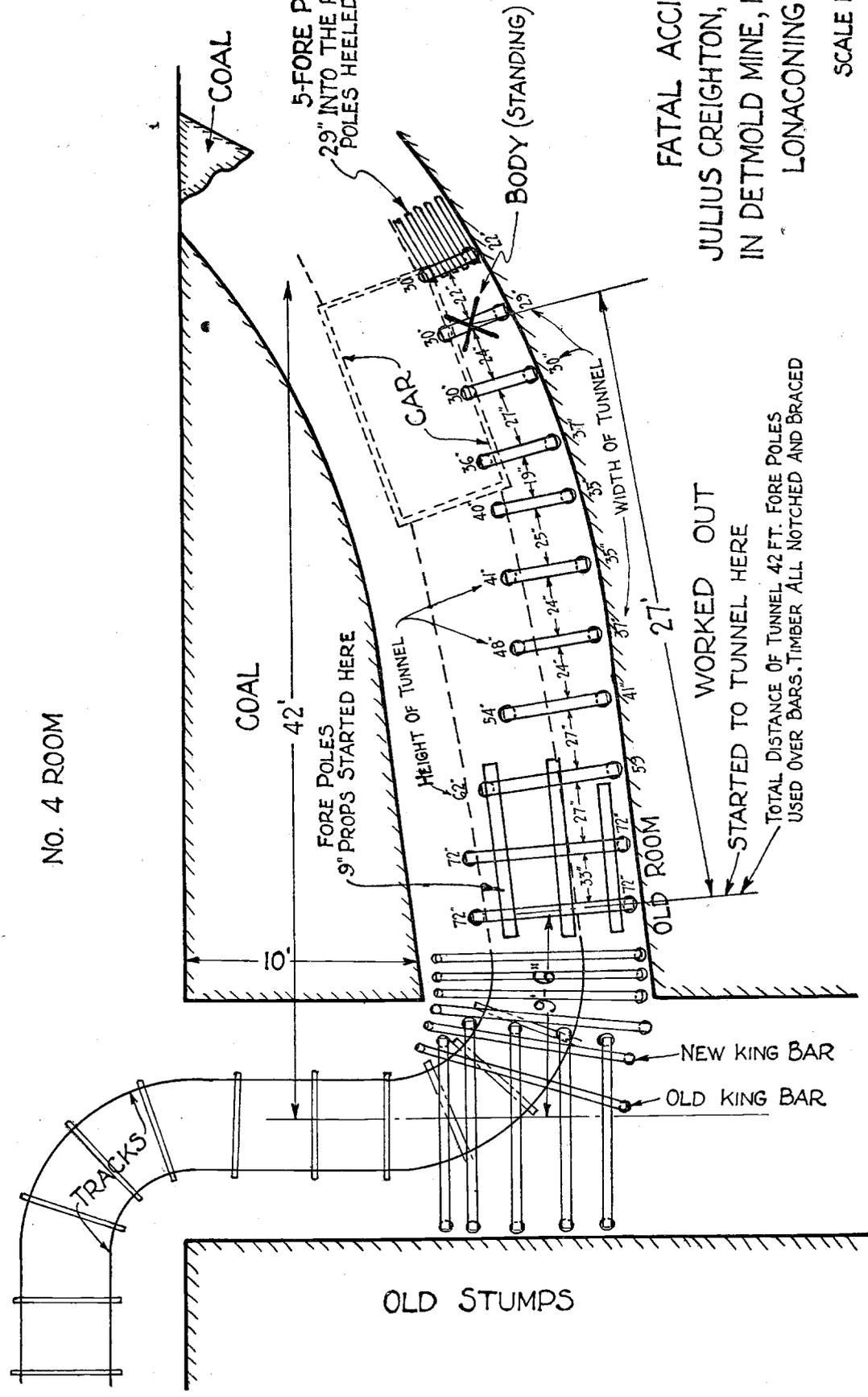
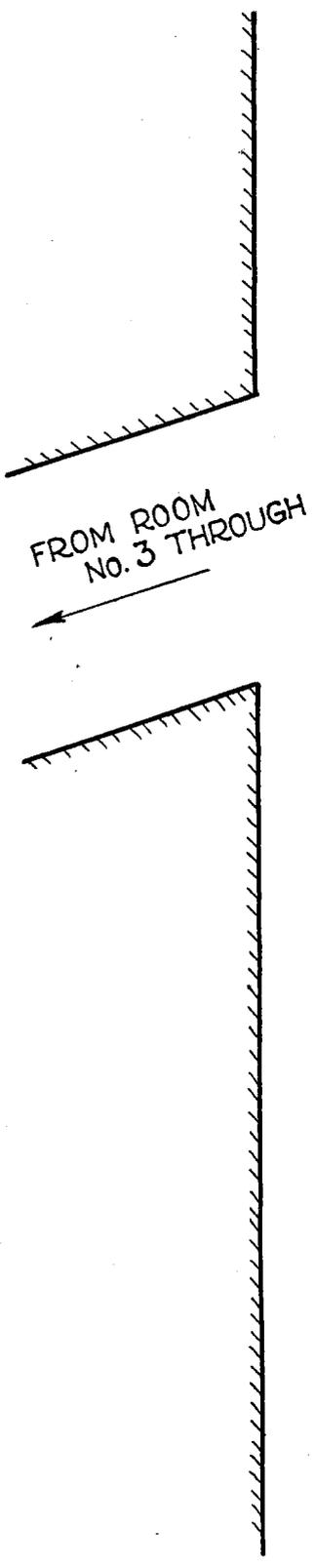
Scale - 1 in. = 2 ft.

MIDLOTHIAN COAL CO
 MINE NO 1
 ALLEGANY CO MD.
 FATAL ACCIDENT
 ROBERT PLUMMER.

FEB-19TH, 1929.

Surveyed 2/29/29

William Harvey C.E.
 George Tennant M.E.
 Frank Powers Dist. M.I.



FATAL ACCIDENT TO
 JULIUS CREIGHTON, FEBRUARY 9, 1929
 IN DETMOLD MINE, MARYLAND COAL CO.
 LONACONING, MARYLAND

SCALE 1" = 5 FT.

WORKED OUT
 STARTED TO TUNNEL HERE

TOTAL DISTANCE OF TUNNEL 42 FT. FORE POLES
 USED OVER BARS. TIMBER ALL NOTCHED AND BRACED

OLD STUMPS

NEW KING BAR
 OLD KING BAR

The place was "high"; i. e., was not crushed at all; if it had been crushed it would have been safer than it was.

If the deceased had had a closed light he might have got out in safety.

On February 19, 1929, Mr. Robert Plummer, a laborer and trip-rider employed by the Midlothian Coal Company, in No. 1 Mine, (Tyson seam) was instantly killed by a fall of roof rock.

The deceased was placing a car to the Straight Dip Heading and was riding in the front end of the car. The car was being lowered by a hoist several hundred feet from the scene of the accident and the inside place to the left was located back about forty feet from the face of straight dip and the switch to place to the left was always supposed to be left turned for this place to protect the men who worked in the dip heading. The deceased had apparently tried to stop the car with the brake instead of giving the signal to the hoisting engineer, and the car ran through the switch, jumping the track and knocked out a prop which let down a piece of rock 6-ft. 9-in. long, 3-ft. wide and 2-ft. thick; the deceased was reaching over the end of the car with his hand on the brake and the rock caught his head on the end of the car. When the men, who ran to his assistance, reached the car, they found his hand on the brake and the brake set. The hoisting engineer said that he did not receive a signal to stop. It looked as though the deceased had tried to stop the car with the brake. In the opinion of the Inspector making the inspection, this accident was apparently caused by carelessness and his recommendation is that only competent men be employed as trip-riders.

Time of Accident—February 19, 1929, 9:30 A. M.

Name of Injured—Robert Plummer.

Nationality—American.

Age—34 years.

Married—Yes.

Dependents—Widow and four children.

Residence—Frostburg, Maryland.

Inspector—Frank T. Powers, accompanied by Mine Foreman George Tennant.

Recommendation: Better discipline might have avoided this accident. The deceased was trying to stop the trip with the brake. He could have stopped the trip anywhere as he had his steel with him and the hoist-man was only 200-ft. away from him. He was only hauling a one-car trip.

On May 7, 1929, Mr. John Lapp, a Trackman employed by the Piedmont and Georges Creek Coal Company, Bowery Furnace No. 2 Mine (Tyson seam) was fatally injured at 7:10 A. M., and died

from his injuries in the Miners' Hospital, Frostburg, Md., about twelve hours later. The deceased was taking a motor into the mine which he used to move his tools and other equipment about the mine workings, and was accompanied by his helper, Mr. Thomas Winters. As they were going down the tram-way that leads to the mine opening, he apparently had trouble stopping his motor at a derail switch at the mine opening. After throwing the switch he proceeded on into the mine, and in some manner the trolley pole came off and the motor ran away. At the 2nd switch off the Main Slope the deceased was thrown out of his motor and his skull was fractured.

Some of the brake rigging was found about thirty feet from the motor-barn on the surface and had been there for some time as the end was rusted where it had broken. From statements made by fellow employes, Mr. Lapp took a motor in the mine that should have been taken back to the motor-barn for repairs; at least, he should have done this when he reached the derail switch, as he had trouble stopping the motor at that point.

It developed also that Mr. Lapp had no miner's lamp prepared for lighting, depending on the light of the motor, which left him in the dark when the trolley pole came off, and the fact that he had no light, it is thought, caused the unfortunate man to lose his life. The motor came to a stop at No. 4 Room, 2nd South Heading, never having left the track. The height at the point of the accident was about 7-ft. and he had plenty of head room along the main slope.

To prevent similar accidents in the future the Inspector makes the following recommendations:

Motors in poor repair should not be placed in service. The motorman should make a written report of the condition of his motor at the end of each shift to the Mine Electrician and the motor should not be put in service again until it is in serviceable condition, and the mine electrician has certified to this statement in writing.

Motormen and brakemen should be equipped with an approved lamp and this lamp kept in proper condition. This will assure them light at all times they are in the mines. Electric lights should be placed at all heading switches and derail switches.

Time of Accident—May 7, 1929, 7:10 A. M.

Time of Death—May 7, 1929, 7:15 P. M.

Name of Injured—John Lapp.

Nationality—American.

Age—46 years.

Married—Yes.

Residence—Frostburg, Maryland.

Inspector—Frank T. Powers, accompanied by Supt. Harry Hitchens and Thomas F. McKernan.

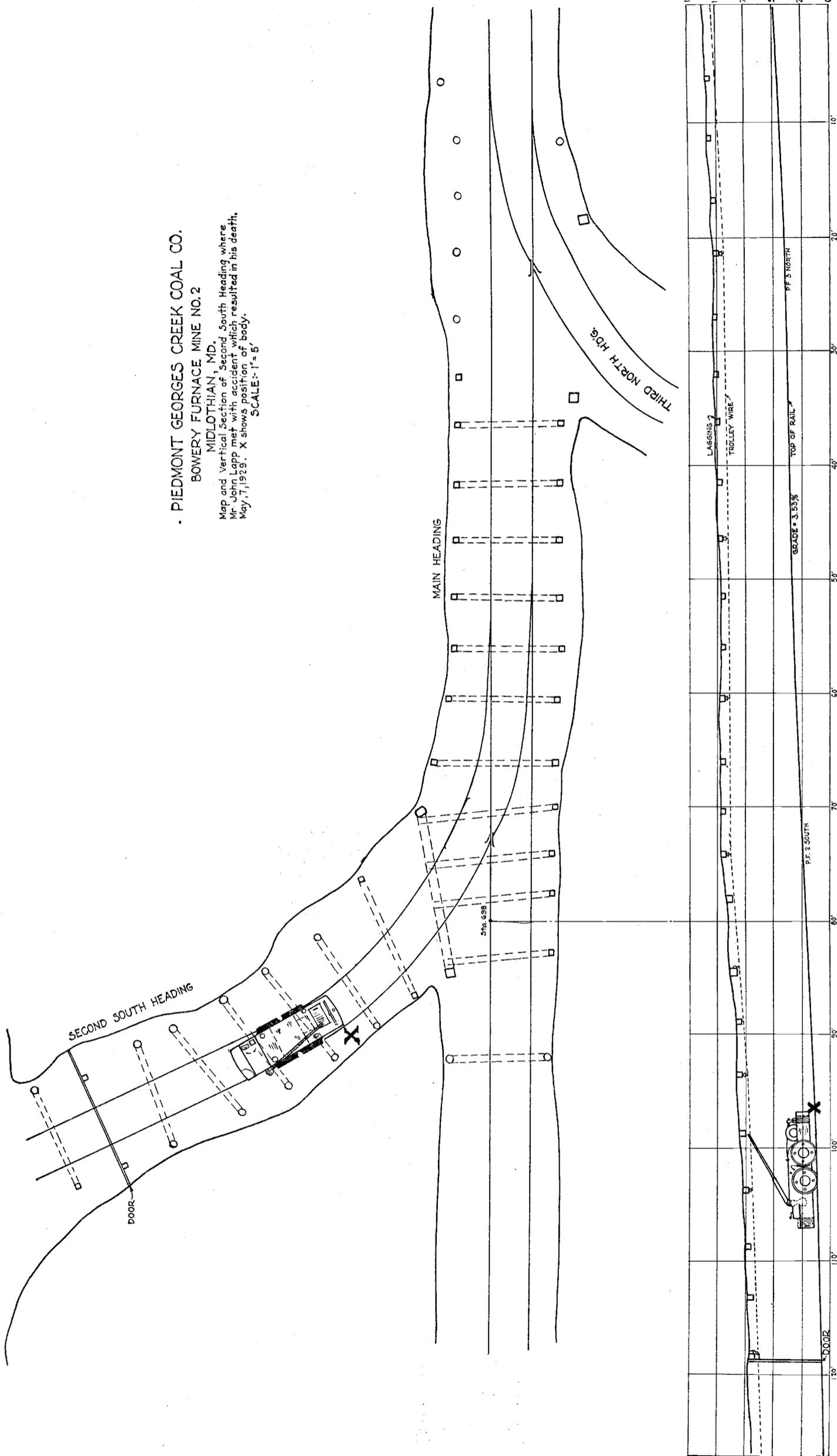
Time of Inspection—May 8, 1929, 10:30 A. M.

PIEDMONT GEORGES CREEK COAL CO.
BOWERY FURNACE MINE NO. 2

MIDLOTHIAN, MD.

Map and Vertical Section of Second South Heading where
Mr. John Lapp met with accident which resulted in his death,
May 7, 1929. X shows position of body.

SCALE: 1" = 5'



On August 24, 1929, Mr. Moses Duckworth, a Machine Runner employed by the Piedmont and Georges Creek Coal Company, Washington No. 5 Mine (Bakerstown seam) was instantly killed by a fall of roof.

Mr. Duckworth was operating a cutting machine in No. 4 Room on 3rd North off 1st South. The thickness of the seam where the accident occurred was 30" coal and 12" bone. The dimensions of the piece that fell were 15-ft. long, 6-ft. wide and 15-in. thick. The machine crew, consisting of Moses Duckworth, Operator, and Claude Westfal, scraper, was cutting this room; they had sumped in on the gob side and were cutting across the face to the rib side of the place; the machine had just about reached the roadway with the deceased between the machine and the rib when the rock fell squarely on the unfortunate man, breaking his neck.

The piece of rock which fell was cut off by slips which were not observable and as the place was very well timbered, it would have been almost impossible to prevent a recurrence of a similar accident.

Time of Accident—August 24, 1929, 12:00 Noon.

Time of Death—Instantly.

Name of Injured—Moses Duckworth.

Nationality—American.

Age—41 years.

Married—Yes.

Dependents—Widow and four children.

Residence—Franklin, Md.

Inspector—Clyde J. Rowe, accompanied by Supt. J. A. Cosgrove, Mine Foreman John Wallace and John Hughes, a Laborer.

Recommendation: The roof should always be bumped or sounded before the jack is set. In this case the roof was too low to bar. Always take down a bad roof; this is the practice at this mine. The Mine Foreman's mark was on face. The nearest prop to the face was 5-ft. 3-in. distant and 6-ft. 4-in. from the left rib.

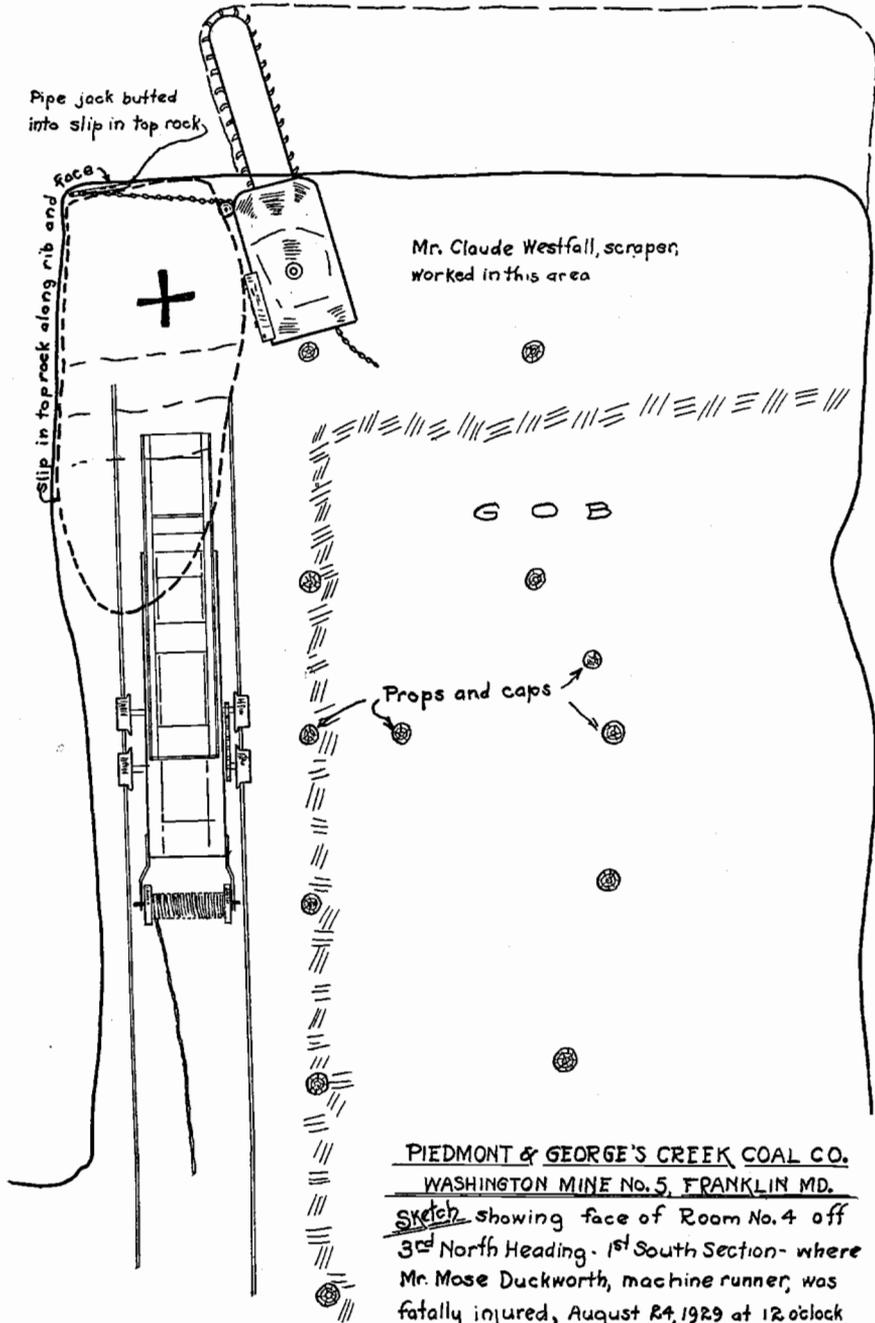
FATAL ACCIDENTS

There were four fatal accidents during the calendar year 1929 in Maryland coal mines. Three of these were apparently preventable accidents; whether or not the fourth was preventable is a debatable matter.

The District Mine Inspectors have used strenuous efforts to reduce fatalities and accidents in mines and most of the operators

have been equally as vigilant. Notwithstanding the great efforts put forth four accidents occurred. It seems that fatal accidents occur in spite of all that we can do in the way of enforcing safety regulations in and about mines.

EDUCATION, SUPERVISION and DISCIPLINE will do a great deal toward reducing the number of fatal accidents but until mine employees themselves take a greater interest than they do at present in making themselves safe, there will continue to be fatal accidents.



PIEDMONT & GEORGE'S CREEK COAL CO.
WASHINGTON MINE NO. 5, FRANKLIN MD.

Sketch showing face of Room No. 4 off
 3rd North Heading. 1st South Section- where
 Mr. Mose Duckworth, machine runner, was
 fatally injured, August 24, 1929 at 12 o'clock
 "X" indicates position of body

SCALE: 1 inch = 4 feet.

FATAL ACCIDENTS—

Date	Name of Company	Name of Person Injured	Occupation	Age
Feb. 9	Maryland Coal Company.	Julius Creighton	Miner	30
Feb. 19	Midlothian Coal Company.	Robert Plummer	Laborer and Trip-rider	34
May 7	Piedmont & Georges Creek Coal Company.	John Lapp	Trackman	46
Aug. 24	Piedmont & Georges Creek Coal Company.	Moses Duckworth	Machine runner	41

ALLEGANY COUNTY, 1929

Married or Single	No. in Family	Nationality	Residence	Cause of Accident Nature and Extent of Injury
Married	3	American	Lonaconing	Buried under fall of pillar coal.
Married	5	American	Frostburg	Car jumped track, knocking out prop and roof fell. Crushed head.
Married		American	Frostburg	Runaway motor, throwing deceased out of motor. Skull fractured.
Married	5	American	Franklin	Fall of roof. Broken neck.

NON-FATAL ACCIDENTS, 1929

Allegany County

ANNAN & JEFFRIES

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 8	Frank Furita	Miner	44	Married	41	2	Italian	Mt. Savage	Slate and rock fell, bumping left hip.
Jan. 10	Harry Galloway	Brakeman	28	Single	33	...	Negro	Frostburg	Mashed finger while braking on trip of cars.
Jan. 24	George Donus	Miner	40	Married	30	2	American	Zihlman	Eye poisoned when hit by piece of flying rock.
May 9	Harry Galloway	Brakeman	29	Single	10	...	Negro	Frostburg	Twisted ligaments across stomach.
Oct. 12	William Eichorn	Miner	19	Single	9	...	American	Frostburg	Rock fell from roof, squeezing employe between rock and car.
Nov. 15	William Eichorn	Miner	19	Single	...	...	American	Frostburg	Cut off middle finger.
Nov. 21	Charles Clark	Laborer	50	Single	...	...	American	Frostburg	Left ankle sprained, ribs injured.
Dec. 10	George Myers	Laborer	53	Married	31	2	American	Frostburg	Costal muscles of left side strained.

D. A. BENSON

Date	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Aug. 20	William Lyons	Miner	29	Single	...	...	American	Borden	Injured man was getting away from dynamite shot but explosion occurred sooner than he expected and his hand was struck with dirt from shot. Hand cut and burned.

BIG VEIN COAL COMPANY OF LONA CONING—CASTLE MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 2	Vincent Weimer	Laborer	34	Married	10	3	American	Frostburg	Steel timber fell on fingers while unloading, mashing fingers.
Jan. 5	Leon Clark	Driver	21	Single	7	...	American	Lonaconing	As he was hooking up the mule, it kicked him in the face cutting same.
Jan. 5	Orgel Wilson	Miner	24	Married	7	...	American	Gilmore	Breast coal pushed out and caught him against loaded car, breaking left leg.
Jan. 29	Alex. Allen	Laborer	46	Single	7	...	American	Gilmore	Twisted his back while lifting prop.
Feb. 5	Wilbert Jones	Laborer	17	Single	27	...	American	Lonaconing	Mashed his toe between the bumpers of cars.
Feb. 13	W. H. Robertson	Miner	35	Married	7	...	American	Moscow	While digging down breast coal a piece of top coal fell out of roof striking him on the head, causing him to bite his tongue.
Feb. 14	Sherman Crawford	Miner	18	Single	8	...	American	Barton	While digging in the bottom for timber a piece of breast coal fell off cutting his hand.
March 13	Jos. Lee	Miner	...	Married	2	...	American	Lonaconing	In pulling an old prop off an old working, it sprung and struck him in the face, bruising side of face.
March 13	Amel Beaman	Laborer	...	Single	7	...	American	Pekin	Was loading slabs in car, with other man. Other man threw slab on top of pile striking him on side of face and shoulder, breaking collar-bone.
April 5	Charles Robertson	Miner	24	Married	14	5	American	Gilmore	While getting away from a piece of folier coal, he ran against brake of car, breaking rib.
April 17	Mont Myers	Miner	64	Married	17	5	American	Barton	Was holding bar between legs, and axe slipped cutting his ankle.
April 24	Dave Preston	Driver	48	Married	22	5	American	Barton	Coming down the heading with trip and was riding between loaded cars; first car jumped track and second car ran on top of first car, mashing his foot.
Apr. 15	Walter Cutter	Driver	27	Married	18	4	American	Lonaconing	Was lifting mine car on track with bar; got finger caught between bar and prop, mashing finger.
May 27	David Lloyd	Miner	58	Single	33	...	American	Lonaconing	He slipped off the top of bottom and struck his rib against the corner of car, fracturing rib.
June 3	A. M. Warrick	Laborer	72	Married	20	3	American	Midland	Foot slipped while putting up timber, causing him to rupture himself.
June 5	Patrick Nolan	Laborer	43	Married	7	8	American	Lonaconing	While making wedge to put over bar the end of the axe handle struck a prop laying behind him, throwing the axe away from wedge and cutting his left hand.
July 16	James Clise	Miner	47	Married	18	5	American	Midland	Two-inch plank fell on foot, mashing foot.
July 13	Oliver Shillingburg	Roadsman	34	Married	11	6	American	Midland	Steel rail fell on foot, injuring foot.
Sept. 23	William Gallagher	Driver	61	Married	30	4	American	Lonaconing	Coming down heading and front car jumped track, throwing him forward, striking shoulder on corner of car.
Sept. 23	Alzer Bradley	Driver	24	Married	8	5	American	Lonaconing	While loading props on car, caught finger between car and props, mashing finger.
Oct. 13	James Stewartspiker	Miner	23	Married	21	3	American	Midland	Setting brake on car and brake flew up striking his thumb causing it to become infected.
Oct. 19	Thos. J. Raynor	Miner	66	Married	29	2	American	Midland	Shoveling coal in car and struck hand on lump of coal in the car, bruising hand.
Nov. 9	Dave McFarland	Miner	31	Married	12	3	American	Gilmore	Pushing loaded car away from face of place, foot slipped causing him to twist his back.
Nov. 7	William B. Wilson	Laborer	46	Married	...	4	American	Lonaconing	Setting bars up, bar came down mashing finger.
Nov. 28	Walter Cutter	Driver	33	Married	4	5	American	Lonaconing	Went to pick up mule's front foot to take snow out of hoof and the mule pawed him in the face with front foot.
Dec. 10	Albert Clise	Miner	45	Married	7	4	American	Midland	Putting up bar and slipped off bottom, bar struck him in the side, breaking his rib.
Dec. 27	Harrison Davis	Foreman	40	Married	8	5	American	Lonaconing	Fell through motor pit breaking 1 rib and injuring left knee.

BIG VEIN COAL COMPANY OF LONACONING, INC.—CALEDONIA MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Oct. 28	Lewis Stephen	Miner	65	Married	3 mos.	6	American	Barton	Piece of coal gave way, striking him on right leg, breaking it.
Oct. 28	Walter Green	Miner	68	Married	30	5	American	Barton	Lump of coal gave way, mashing his middle finger.
Oct. 28	Ollin Stephen	Miner	21	Single	16	---	American	Barton	Struck on elbow with shovel. Cut and bruised elbow.
Oct. 29	Frank Brennan	Miner	36	Married	4-6 weeks	7	American	Barton	Strained back and chest while pushing loaded car.

BURTNER COAL MINING COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Feb. 4	Tom Delander	Miner	41	Married	70	6	American	Westernport	Fall of bone coal, bruised right hip and injured back.
Feb. 15	Joe Blackburn	Miner	48	Married	180	4	American	Westernport	While making a cap piece, the handle of axe caught rail cutting first joint of index finger off left hand.
Feb. 28	Robert L. Gales	Laborer	24	Married	66	---	American	Westernport	In letting a brake up on railroad car, club slipped fracturing nose.
Feb. 18	William Lee	Miner	42	Married	47	5	American	Westernport	While loading a car of coal, fractured 3 ribs.
March 3	Owen Bittinger	Miner	22	Single	45	---	American	Westernport	Was lifting a lump of bone coal which broke injuring right foot.
March 4	Thomas A. Harris	Laborer	19	Single	7	---	American	Westernport	Re-railing car injured back.
March 14	Frank Hughes	Laborer	38	Married	41	3	American	Westernport	Caught between cars fracturing one rib.

CAMPBELL COAL COMPANY—DONALD MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 22	Charles E. Kenner	Motorman	23	Married	35	---	American	Westernport	Caught forefinger of left hand between motor bumper and mine car bumper. Finger badly mashed.
Jan. 24	John Baker	Miner	41	Married	15	---	American	Westernport	Piece of bone coal fell and struck finger. Second finger of right hand mashed between pick handle and bone coal.
Feb. 1	James Allen	Engineer	39	Married	---	---	American	Luke	Struck on face by crank on gas motor. Face slightly cut.
Feb. 2	Jesse Michael	Miner	48	Married	14	---	American	Westernport	Bone coal fell and struck his thumb, mashing it.
Feb. 25	J. Howard O'Haver	Driver	30	Married	7	---	American	Westernport	Car ran over fingers, badly thumbing them.
May 4	William Custer	Miner	38	Married	10	---	American	Westernport	Hewing tie, axe slipped. Cut in left instep.
June 20	Roy Cosner	Miner	37	Married	24	---	American	Westernport	Fall of bone coal which struck him in face, on shoulder and back. Left eye cut, shoulder bruised and back sprained.
July 9	Victor Smith	Motorman	23	Single	13	---	American	Westernport	Mine cars ran over toes, mashing nail off 3rd toe on right foot.
July 16	Raymond Michael	Miner	28	Married	---	---	American	Westernport	Lifting lump of coal on car, lump broke, catching finger on side of car, cutting finger.
Aug. 26	B. S. Mellon	Miner	42	Married	30	---	American	Piedmont, W. Va.	Bone coal fell and in jumping back he turned ankle. Tore ligaments in ankle.
Sept. 13	M. A. Faherty	All around man	38	Married Single	90	---	American	Westernport	While dumping car of rock, the car kicked back and threw him. Rupture of right side.
Sept. 19	Howard Bittinger	Miner	38	Married	30	---	American	Barton	Bone coal fell and struck him on back and side, injuring same.
Oct. 19	Albert Broadwater	Cutter	29	Married	7	---	American	Westernport	Machine jack slipped and struck him on ankle. Left ankle bruised and sprained.
Nov. 16	William Trenum	Brakeman	26	Married	60	---	American	Westernport	Removing motor from barn and caught right hand between motors. Little finger and next to little finger on right hand badly mashed. Little finger amputated at first joint.
Dec. 3	Roy Cosner	Miner	36	Married	20	---	American	Westernport	Ran a piece of steel wire in left hand. Hand festered and swollen.
Dec. 3	Tom Harris	Laborer	21	Single	14	---	American	Westernport	Fell in coal bin, injuring left side.

CAMPBELL COAL COMPANY—FRANKLIN MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Nov. 14	Howard Dornor	Blacksmith	39	Married	7	---	American	Beryl, W. Va.	While lifting mine car on track with pole, pole slipped and struck the toes of man's left foot, mashing toes.
Feb. 9	M. B. McHenry	Weighman	58	Married	---	---	American	Westernport	Empty mine cars broke loose on plane and ran through scale house. Face scratched and leg bruised and eye glasses broken.

CAMPBELL COAL COMPANY—HAMPSHIRE MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 29	Stanley Broadwater	Miner	32	Married	2	---	American	Westernport	Pushing mine car foot slipped and he fell on rail. Back and side bruised.
Jan. 30	James Logsdon	Cutter	38	Married	40	---	American	Barton	Iron clasp fell and struck man on ankle badly bruising it.
Feb. 5	Joseph Johnson	Brakeman	25	Married	14	---	American	Piedmont, W. Va.	Squeezed between motor and trap-door. Injured about chest.
Feb. 26	Addie Gentry	Brakeman	25	Married	42	---	American	Westernport	Motor jumped track and caught hand between motor and rib of mine. Right hand and thumb mashed.
March 2	Dan Gross	Miner	54	Married	5	---	American	Piedmont, W. Va.	Lifting empty mine car on track, lever slipped and struck him on side of face scratching empty mine car on track, lever slipped and struck him on side of face.
Oct. 6	Samuel Turner	Miner	45	Married	22	---	American	Barton	Straightening rail with prop, prop slipped and threw him causing him to sprain his back.
Oct. 23	George Crow	Foreman	45	Married	---	---	American	Barton	Was about to step on car and struck shin on car bumper. Shin injured.
Nov. 9	Wm. Loar	Miner	45	Married	10	---	American	Lonaconing	Chipping slate from coal; pick glanced and struck him on right hand injuring same.
Nov. 15	Robert Honderscheidt	Miner	40	Married	21	---	American	Barton	Bone coal fell and struck him on leg, injuring same.

CHAPMAN COAL MINING COMPANY—SWANTON-BAKERSTOWN

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 8	Dennis McCormick	Miner	54	Married	10	6	American	Barton	Strained back.
July 17	Curtis Griffith	Roadsman	31	Married	200	4	American	Barton	Fall of rock. Leg bone below knee broken.
July 17	R. M. Ashby	Foreman	55	Married	90	7	American	Barton	Fall of rock. Shoulder bone broken.

CONSOLIDATION COAL COMPANY—CONSOLIDATION No. 1

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 14	Stanley Alexander	Miner	24	Married	...	1	American	Midland	Pick glanced hitting him on leg.
Jan. 18	Harry Suiser	Laborer	40	Married	...	1	American	Midland	Prop fell on pick causing it to hit man on leg.
Feb. 13	George McKinley	Miner	21	Single	4	...	American	Midland	Was making a tie and axe slipped hitting him on foot.
Feb. 21	Salem Humbertson	Miner	66	Married	7	3	American	Frostburg	Prop fell on foot breaking small bone.
March 10	John Monahan	Laborer	41	Married	...	3	American	Midland	Caught finger between two pipes, mashing finger.
June 12	Joseph Elrick	Driver	41	Married	8	4	American	Frostburg	Caught between cross-bar and mine car.
June 22	Melvin Wagus	Miner	33	Married	1	1	American	Midland	Hit on back by rib coal.
June 25	Stanley Fazzenbaker	Miner	28	Married	12	1	American	Barton	Hit on back by rib coal.
June 26	Roy Gray	Driver	25	Single	8	...	American	Midland	Finger caught between two steel rails.
July 16	Edw. R. Folk	Miner	45	Married	7	...	American	National	Hit on finger with shovel.
July 17	Harry Robertson	Laborer	29	Married	10	2	American	Midland	Lifting mine car on track, hurt his back.
July 25	New Greenshield	Miner	55	Married	7	2	American	Midland	Lifting prop, hurt his back.
Sept. 9	Charles Beveridge	Miner	38	Married	7	2	American	Midland	Was lifting lump of coal and strained side.
Oct. 18	James Alexander	Laborer	26	Married	7	...	American	Midland	Mashed thumb.
Oct. 19	John Allen	Miner	69	Single	7	...	American	Lord	Roof coal fell out, mashing his thumb.
Nov. 19	James Alexander	Laborer	26	Married	21	...	American	Gilmore	Finger mashed.

CONSOLIDATION MINE No. 3

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
March 29	Thomas Richards	Miner	20	Single	7	...	American	Frostburg	Had finger caught between piece of coal and frame of mine car, when the car roofed under a cross-bar. End of first finger cut and lacerated.
April 22	H. Clay Sperry	Miner	50	Married	16	1	American	Frostburg	Caught between car and prop, while in the act of lifting car on track. Two ribs fractured.
April 26	Henry Coleman	Driver	50	Married	8	2	American	Eckhart	Caught between car and prop, when his horse jerked car from track. Right forearm cut and bruised and bruises on right thigh.
May 9	Harry C. Ramhoof	Inside Laborer	33	Married	5	2	American	Frostburg	A piece of roof coal fell and struck him on top of head causing small cut and bruise.
July 16	Thomas Richards	Miner	21	Single	6	...	American	Frostburg	Was pushing a car when his foot slipped twisting the ligaments of his left arm at the shoulder.
July 27	Earl J. Lavin	Laborer	21	Single	7	...	American	Eckhart	Man was running trucks from timber yard and was putting sprag in when he caught palm of right hand, bruising it.
July 30	Johu Goldsworthy	Coal Inspector	55	Single	7	2	American	Frostburg	Man was getting rails from rail pile when one fell from the pile and caught the big toe on his left foot, crushing it to such an extent that it had to be taken off at the first joint.
Sept. 4	Chalmer W. Winner	Laborer	25	Single	21	...	American	Midland	A piece of rock which man was lifting broke and part of it hit him on the hand causing a fracture of a bone in his right hand.
Dec. 30	Arthur J. Jenkins	Laborer	47	Married	24	4	Welsh	Frostburg	A small piece of roof coal fell and struck man on lower part of back and ribs. Back and ribs bruised.

CONSOLIDATION MINE No. 4

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 10	George Ryan	Miner	48	Married	?	1	American	Eckhart	While unloading timber out of car bruised two fingers of left hand, causing a bone felon.
March 2	David Stack	Laborer	42	Married	?	1	American	Frostburg	While pulling hitching pin out to cut empty cars, cars jammed together cutting off end of finger at first joint.
March 31	Roy Blank	Miner	35	Married	?	3	American	Eckhart	His buddy was loading a car and his shovel hit a prop, causing shovel to glance and cut his elbow.
May 4	Price Russel	Miner	46	Married	26	3	American	Mt. Savage	While riding empty car right arm caught between frame of car and cross-bar.
July 31	John Barry	Asst. Foreman	48	Married	7	2	American	Eckhart	Unloading timber from truck, muscles in left shoulder torn loose.
Nov. 15	John Ort	Miner	61	Married	?	...	American	Frostburg	The injured man had a short piece of tie rail on top of empty car; one end dropped in the car and the other mashed his right thumb against top of car.
Nov. 8	Emanuel Porter	Miner	60	Married	26	...	American	Eckhart	Roof coal in falling hit his pick causing it to puncture left leg.
Nov. 15	Thomas Eckhart	Driver	37	Married	15	1	American	Eckhart	Left hand caught between prop and side of car; 1st, 2nd and 3rd fingers mashed.
Nov. 17	George Eisentrout	Miner	55	Single	?	...	American	Eckhart	Roof coal fell causing bruised spine.

CONSOLIDATION MINE No. 9

Date	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 17	Carl Folk	Miner	22	Single	...	...	American	Zihlman	While lifting a lump of coal, the lump caught in clothing causing man to catch finger between lump and car. Slight bruise and laceration at end of fourth finger of left hand.
Jan. 17	Sam Cosgrove	Miner	31	Married	...	2	American	Frostburg	In putting lump on car, the lump broke, catching finger against car. Slight bruise and laceration at end of third finger of right hand.
Jan. 17	Sam F. Arnone	Miner	27	Married	...	7	Italian	Frostburg	Pushing a loaded car with hands against lump of coal in rear end of car. Car caught roof pushing lump down catching finger. Bruised and bursted end of 1st finger on left hand.
Feb. 1	Joe Britt	Miner	32	Married	...	4	American	Frostburg	Was mining coal and a piece struck him in eye. Slight bruise on eye-ball.
Feb. 8	Geo. Wellings, Jr.	Miner	19	Single	...	...	American	Frostburg	Lifting a piece of rock when man felt pain in groin. Slight strain of muscles of groin.
Feb. 23	James Lancaster	Miner	37	Married	4	...	American	Frostburg	Coupling one load to another, his buddy ran a car out of place, causing the ones he was coupling to lump and catching his finger between the coupling and car.
Feb. 26	Joe Parise	Miner	56	Married	2	6	Italian	Frostburg	The end of the small finger of his right hand bruised.
Feb. 26	Wm. Kreitzburg	Laborer	60	Married	...	1	American	Frostburg	Was taking car in place off heading. Struck his head against cross-bar at switch, causing small cut on top of head near center.
March 12	A. Schneider	Miner	38	Married	...	1	American	Frostburg	Slipped on rail while hanging canvas curtain with hatchet in hand and as he fell the hatchet struck his leg causing slight cut above knee-cap of left leg.
March 13	Geo. Wellings, Sr.	Miner	41	Married	...	4	American	Frostburg	In pushing a load out of the place his foot slipped on tie, wrenching his right knee.
March 20	Joe Shuckhart	Miner	54	Married	9	1	American	Frostburg	Mining coal and a lump dropped striking his pick, causing the pick to strike him on leg. Small puncture of right thigh.
March 21	Henry Satoff	Miner	41	Married	...	5	American	Frostburg	While throwing lumps in car, one lump bumped another causing it to strike his finger. Burst third finger of right hand near nail.
March 21	William Lancaster	Miner	21	Single	...	...	American	Frostburg	While pushing loaded car out of place it stuck; man put shoulder against it to push it and as it moved the rear end swung around bumping him against car. Small cut on right ear.
March 22	Chris. Walbert	Laborer	34	Married	...	3	American	Frostburg	While bailing water out of place with shovel, struck his thumb on lump of coal. Small cut on right thumb.
April 11	Henry Satoff	Miner	44	Married	4	4	American	Frostburg	While cleaning dirt away from spike with hand he struck his finger on sharp edge which resulted in a small cut to 1st finger of right hand.
May 14	Sam Ribois	Miner	35	Married	10	1	Italian	Frostburg	While pushing empty car in place, slipped and fell, spraining his left wrist. Man was pulling a loaded car out of place with hoist, and the blocking gave way allowing the hoist to swing around catching his left leg between a prop and the hoist, causing a small bruise on leg below knee.
Sept. 23	William R. Folk	Miner	58	Married	34	2	American	Zihlman	While mining coal a piece of rock dropped from between timber, striking him on left shoulder and pushing him down to pavement. Slight bruise on left shoulder and torn ligaments in right side.
Nov. 19	Milton Loar	Dumper	46	Married	11	3	American	Zihlman	There were four loads standing next to the scale-house. Injured man came from tipple to place one on scales. The hitching was stretched and in getting slack he placed foot on stretched hitching. The motorman who was assisting in dumping dropped the balance of trip against these 4 loads catching the injured man's foot between bumper and hitching, causing the large toe of left foot being bursted and bruised around nail.
Dec. 5	Truman Thorpe	Miner	44	Married	25	3	American	Frostburg	Infected thumb which according to the doctor was caused by gripping a pick and rubbing against handle.
Dec. 24	Albert Simpson	Laborer	36	Single	11	...	American	Midland	Felt pain across back while lifting car on tippie. Strained muscles of back.

CONSOLIDATION MINE No. 10

Date	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 3	Roy Worn	Laborer	35	Married	15	3	American	Eckhart	Pushing loaded car and sprained his back.
Jan. 7	Douglas Wright	Miner	39	Married	1	3	American	Eckhart	While reaching for axe, bumped his index finger, right hand, against sharp edge.
Jan. 8	John Verma	Laborer	54	Married	11	4	Italian	Eckhart	Lifting steel bar and mashed index finger between roof and bar.
Jan. 7	Mayford Weslow	Miner	29	Married	18	3	American	Frostburg	While taking down bone coal a piece flew and hit him on right knee-cap.
Jan. 2	John Comer	Miner	62	Married	3	1	American	Frostburg	Pushing loaded car, foot slipped, and he sprained stomach.
Jan. 16	Eugene Zumpano	Miner	48	Married	11	6	Italian	Frostburg	Pushing loaded car, foot slipped, causing sprained back.
Jan. 15	Robeson Richardson	Laborer	20	Single	7	...	American	Frostburg	Mashed thumb of right hand while driving nail.
Jan. 22	David Folk	Miner	21	Married	7	...	American	Cumberland	While setting post long gob, piece of rock rolled off top of fall, bruising left wrist.
Jan. 22	Walker Festerman	Miner	21	Married	7	...	American	Frostburg	Felt pain in small of back while pushing loaded car.
Jan. 26	James McNeil	Miner	19	Single	5	...	American	Frostburg	Slipped on piece of coal while walking up heading, fell and bumped left knee-cap on rail.
Jan. 22	Irving E. Harden	Miner	29	Married	7	1	American	Frostburg	Strained back while pulling front end of car.
Jan. 28	Alvin L. Smith	Miner	25	Married	7	2	American	Wellersburg, Pa.	Car ran back over end of rail bruising left foot.
Jan. 21	John Corner	Miner	62	Married	7	1	American	Frostburg	Got a pain between his shoulders pushing loaded cars.
Feb. 12	John H. Weslow	Miner	25	Married	7	2	American	Frostburg	Turned on his knee; slightly dislocated it and tore ligaments.
Feb. 12	Sam Arnone	Miner	33	Married	7	...	Italian	Frostburg	While pushing loaded car, slipped and fell striking left side on rail.
Feb. 16	Frank Maderia	Laborer	29	Single	1	...	Italian	Frostburg	Wind blew sand in left eye.

CONSOLIDATION MINE No. 10—Continued

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Feb. 20	John Bone	Miner	22	Married	6	1	American	Cumberland	While pushing loaded car, mashed finger between roof and lump on car.
Feb. 25	John Marshall	Laborer	58	Married	?	...	American	Eckhart	In loading rock in car, one fell and broke cutting his leg.
Feb. 25	James F. Simmons	Miner	28	Married	?	4	American	Eckhart	Was down mining the breast coal and his buddy punctured his arm with pick.
March 18	Carl Kamereff	Miner	36	Married	18	...	American	Shaft	Pushing empty car, slipped and sprained ankle.
March 21	Bernard Wade	Miner	19	Single	2	...	American	Frostburg	Pushing hole in Monobel with a sharp stick and punctured his hand.
March 21	Homer Robinette	Miner	44	Married	1	4	American	Frostburg	Throwing rock in gob, a piece flew and struck him on his right cheek.
March 21	Toney Turk	Miner	39	Married	...	1	Austrian	Eckhart	Throwing rock in gob, struck index finger of right hand.
March 21	Charles Sigmeyer	Miner	39	Married	18	6	American	Frostburg	Horse-back fell from roof nitting him on arm and leg.
March 23	Frank Luznov, Sr.	Miner	46	Married	?	9	Austrian	Eckhart	Cleaning up rock and a shot piece fell from roof and struck him on leg, fracturing it.
March 27	Wm. Feldman	Laborer	19	Single	5	...	American	Eckhart	Cross-bar fell on big toe, mashing the toe-nail.
March 30	Sam Mesriano	Miner	33	Married	13	5	Italian	Frostburg	Caught his head between top of car and roof.
March 29	Cleaver Richardson	Laborer	57	Married	1	...	American	Frostburg	Rock fell and mashed left thumb nail.
April 1	John P. Rose	Miner	51	Married	17	3	American	Frostburg	While shoveling rock in gob, slipped on wet pavement; felt pain in left groin.
April 2	Herman C. Wilson	Miner	30	Married	7	...	American	Frostburg	While pushing loaded car, slipped and bruised left knee.
April 19	Harry Noel	Laborer	29	Married	4	2	American	Eckhart	Sprained his back while lifting prop.
April 24	John Bone	Miner	23	Married	?	1	American	Cumberland	While taking loose rock piece fell and mashed index finger of left hand.
April 29	Albert Kennel	Miner	33	Married	?	2	American	Wellsburg, Pa.	Loading rock and piece slid off side. Fifth toe of right foot fractured.
April 30	Walter Wingert	Miner	50	Married	?	1	American	Wellsburg, Pa.	Repairing sprocket chain on conveyor. Mashed 1st and 2nd finger of right hand.
May 9	John W. Ritchie	Brakeman	30	Married	28	3	American	Frostburg	While unloading timber, prop rolled from top of pile. Small bones in right foot broken.
May 13	Victor Mcager	Motorman	40	Married	?	4	American	Eckhart	Releasing brake on trip, bruised his right hand.
May 22	Paul Shaffer	Miner	18	Single	12	...	American	Wellsburg, Pa.	Was bent over walking out of gob; hit his left ankle against sharp piece of rock.
May 23	William Allen, Sr.	Laborer	52	Married	9	...	American	Eckhart	Repairing a stone stopping and there was a small piece of glass in the clay which cut an artery in his right hand.
May 27	Cecil Miller	Miner	21	Single	6	...	American	Eckhart	Was mining coal and a small piece of rock fell and struck him on right knee-cap.
May 31	Thos. Cunningham	Miner	51	Married	?	1	American	Zihlman	Was crawling over top of conveyor while in motion, caught his leg between top of conveyor and roof. Ligaments sprained.
May 21	Sam Maley	Miner	43	Married	?	7	Italian	Eckhart	Claims he was pushing a car and sprained back.
May 31	Charles Kola	Miner	57	Married	15	...	Austrian	Eckhart	Was mining coal and slip fell out of roof; left leg bruised.
May 11	Fred Fisher	Miner	29	Married	25	3	American	Frostburg	Was placing car on track, pry broke causing him to fall. Broke bone in left thumb.
June 1	Charles Lyons	Miner	49	Married	8	...	American	Frostburg	Mining coal and rock fell from side. Left side of head, thigh and shoulder bruised.
June 5	John Sevic	Miner	49	Married	?	3	Austrian	Eckhart	Mining coal, bruised and lacerated head.
June 8	Herman Felsing	Miner	27	Married	26	4	American	Eckhart	Was pushing empty car and sprained stomach.
June 8	Fatsy Sacco	Miner	26	Married	27	2	Italian	Frostburg	Sprained his back while shoveling coal.
June 12	Paul Walbert	Miner	29	Married	10	...	American	Frostburg	Was taking down loose rock and a small piece fell; right thumb lacerated.
June 15	Henry Pape	Motorman	37	Married	?	3	American	Eckhart	Uncoupling motor from trip; left hand lacerated by coupling.
June 28	Charles Stremeyer	Miner	50	Married	?	6	American	Frostburg	Lifting lump of coal which fell and hit him on right knee.
July 1	Louis Connors	Miner	40	Married	11	...	American	Eckhart	In act of applying brake, slipped on tie causing him to sprain his back.
July 4	Fedela Colisino	Miner	56	Married	8	1	Italian	Frostburg	Testing roof and a small piece of rock fell and hit him on right thumb.
July 5	Henry Finzel	Miner	53	Married	5	1	American	Frostburg	While spiking in rail, bit his right thumb.
July 16	George Wellings, Sr.	Miner	41	Married	20	4	American	Frostburg	Mining coal and piece of rock fell over mining. Right arm bruised.
July 17	Wm. Festerman	Miner	36	Married	13	2	American	Frostburg	Fell down shaft steps. Hurt back.
July 23	Guy H. Johnson	Miner	27	Single	11	...	American	Frostburg	Hauling coal with hoist; car ran back; 2nd, 3rd, and 4th fingers, right hand, mashed between car and rope.
July 22	Wolford Lancaster	Miner	48	Married	?	3	American	Frostburg	Sprained back pushing loaded car.
July 27	Charles Odgers	Outside Laborer	51	Married	?	...	American	Frostburg	Switch-throw fell on right foot.
July 29	Toney Zumpano	Miner	21	Married	?	...	Italian	Frostburg	Pushing loaded car and sprained back.
July 31	Harry Dishong	Miner	39	Married	4	3	American	Frostburg	Pushing empty car, ligaments torn loose left side.
July 27	Herman Felsing	Miner	37	Married	?	4	American	Eckhart	Wrenched back unloading ties.
July 27	David Pugh	Outside Laborer	54	Married	?	...	American	Frostburg	Sprained stomach scraping coal out of chute.
July 31	George Kreitzburg	Miner	64	Married	?	...	American	Eckhart	Sprained left side pushing loaded cars.
July 31	Joseph Freal	Miner	29	Married	?	...	American	Frostburg	Sprained left side pushing car.
Aug. 2	Joseph Freal	Miner	29	Married	31	...	American	Frostburg	Injured finger while uncoupling trip from motor, resulting in amputation.
Aug. 1	Joseph Groeter	Motorman	47	Single	?	...	American	Eckhart	The injured man was working with buddy, whose pick punctured his left hand.
Aug. 9	Jacob Simmons	Miner	27	Married	8	2	American	Eckhart	Making wedge, ax glanced, amputating index finger of left hand.
Aug. 16	Robert Lancaster	Miner	29	Married	?	5	American	Eckhart	While lifting conveyor pans, one slipped out and mashed man's finger.
Aug. 21	Earl G. Smith	Miner	24	Married	?	6	American	Wellsburg, Pa.	Bruised knee.
Aug. 14	Ferd Ravnsroft	Miner	30	Married	10	...	American	Midland	Re-railing car and lever slipped causing man to sprain his back.
Sept. 7	David Folk	Miner	27	Married	?	...	American	Cumberland	Ruptured right side while re-railing car.
Sept. 14	Jacob Simmons	Miner	27	Married	?	...	American	Eckhart	Digging coal and pick struck post, glanced and punctured second toe right foot.
Sept. 18	Ismael Filer	Miner	19	Married	22	1	American	Shaft	Brake handle flew out of rack, bruising small finger of right hand.
Sept. 19	George Winebrenner	Miner	22	Single	4	...	American	Wellsburg, Pa.	Pushing loaded car; right side sprained.
Sept. 27	Albert Witt	Miner	18	Single	4	...	American	Frostburg	Re-railing car and pry slipped causing bruised 2nd finger of left hand.
Oct. 2	Joseph House	Miner	61	Married	28	8	American	Frostburg	Sprained back pushing empty car.
Oct. 8	Sam Mesene	Miner	42	Married	17	6	Italian	Frostburg	Rock fell between center post and gob striking man, causing bruise to left side of chest.
Oct. 11	James W. Davis	Miner	42	Married	9	4	American	Frostburg	Rock fell; small toe of left foot broken.
Oct. 12	Conrad Felker	Miner	60	Married	5	...	American	Cumberland	Handling tee rail and cut left hand on sharp edge.
Oct. 14	William Brunner	Miner	45	Widower	30	...	American	Frostburg	Rock fell; small toe of left foot broken.

CONSOLIDATION MINE No. 10—Continued

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Oct. 14	John Steen	Miner	47	Single	7	---	American	Cumberland	Lump rolled, knocked out center post; 9th rib cracked.
Oct. 16	Sam Mestriano	Miner	34	Married	4	5	Italian	Frostburg	Pushing empty car, foot slipped; sprained left side.
Oct. 17	Jacob Hess	Miner	28	Single	11	---	American	Eckhart	Mending knee-pad, pick slipped causing punctured wound to index finger of right hand.
Oct. 24	Nick Race	Miner	24	Married	7	6	Italian	Frostburg	Rock fell, right thigh fractured.
Oct. 31	Carl Kamaroff	Miner	37	Single	7	---	American	Frostburg	Bumped right knee on rock.
Nov. 17	Carl Smith	Miner	23	Single	4	---	American	Frostburg	Re-railing car, pry slipped bruising right ankle.
Nov. 6	Wilbert Cosgrove	Miner	20	Married	10	2	American	Frostburg	Pushing car, rail turned out, bumper of car hit him on right heel.
Nov. 13	Frank Luznor, Sr.	Miner	47	Married	13	9	Austrian	Eckhart	Breaking rock, piece flew out cutting top of right hand.
Nov. 13	James Zumpano	Miner	32	Married	1	1	Italian	Frostburg	Holding back on loaded car and muscles of left arm sprained.
Nov. 20	William J. Donahue	Sect. Foreman	37	Married	4	2	American	Frostburg	Crawling over top of fall, slipped, spraining right groin.
Nov. 26	John Klopstein	Miner	49	Married	7	2	American	Frostburg	Mining coal and rock fell from roof, back, hips and shoulders bruised.
Nov. 27	Roy Lee	Miner	32	Married	7	1	American	Wellersburg, Pa.	Moving conveyor, rope broke, flying dirt hit him in eye.
Dec. 6	Robert Lancaster	Miner	29	Married	4	5	American	Eckhart	Sprained left shoulder pushing loaded car.
Dec. 24	William Izat	Miner	34	Married	13	1	American	Frostburg	Cleaning up rock, shot piece broke and fell hitting him on the left big toe.
Dec. 22	Samuel Arnone	Miner	38	Married	11	7	Italian	Frostburg	Cleaning up rock, shot piece fell between props. Back bruised and cut.
Dec. 28	Harry Dishong	Miner	39	Married	15	3	American	Frostburg	Slipped on pavement and fell, spraining left side.
Dec. 21	William Pape	Laborer	61	Married	9	---	American	Eckhart	Machine jack pulled out while injured man was getting out of the way causing him to bruise palm of right hand.
Dec. 20	Charles Cathcart, Jr.	Miner	28	Married	4	2	American	Frostburg	

CONSOLIDATION MINE No. 12

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 7	P. J. Kinney	Night Foreman	69	Married	21	---	American	Frostburg	Cleaning rock off track, piece of rock fell from roof causing fracture of rib on right side.
Jan. 8	John Anderson	Miner	43	Married	---	2	American	Frostburg	Piece of coal fell from the roof, struck man on left knee, bruising it.
Jan. 8	Wilbert Richards	Miner	29	Married	7	2	American	Carlos	Piece of rock fell from the roof, struck him on right hip, bruising same.
Jan. 17	Arch Griffith	Miner	31	Married	4 wks.	---	American	Frostburg	Making a wedge and chipped left thumb with axe; cut about 1 1/2 inches long.
Feb. 1	William Watson	Miner	28	Married	3	---	American	Borden's Shaft	Lump fell from rib, hitting him on left index finger, bruising same.
Feb. 9	Leo Brode	Laborer	28	Married	---	3	American	Frostburg	Small piece of rock fell from roof striking him on left thumb, bruising same.
Feb. 18	John M. Kerr	Miner	51	Married	3	3	American	Frostburg	Injury to right shoulder and back.
Feb. 21	Harry Edwards	Motorman	22	Married	8	1	American	Frostburg	Lifting car back on track and strained right hip and back.
Feb. 21	Quinton Spiker	Miner	57	Married	7	1	American	Frostburg	Piece of coal fell from rib, striking him on left foot and bruising same.
March 7	John Hitchins	Laborer	88	Married	---	4	American	Frostburg	Hand slipped while handling oil rail, resulting in cut.
March 9	Wolford Lancaster	Miner	48	Married	31	3	American	Frostburg	Going down steps of No. 11 shaft, slipped on ice on step and fell, breaking ribs on left side.
March 11	Joseph Cesnick	Miner	51	Married	14	5	American	Frostburg	Piece of coal fell from the rib striking him on left instep bruising same.
March 25	Charles Brown	Laborer	44	Married	60	---	American	Frostburg	Making wedge, axe hammer caught in man's pants causing him to cut the index finger of left hand.
March 28	William Filer	Laborer	50	Married	---	4	American	Wright's Crossing	Unloading props off truck and tore nail from right hand finger, also bruising same.
March 29	William Crowe	Laborer	42	Married	---	4	American	Frostburg	Unloading timber from car and long splinter in log tore nail from thumb of right hand.
March 30	William Crowe	Laborer	42	Married	7	4	American	Frostburg	Putting up swinging bar, bar fell striking him across the back, bruising back and ribs.
April 13	John Poland	Timberman	38	Married	---	4	American	Frostburg	Broke skin of index finger of right hand on rough prop.
April 16	James Sains	Miner	48	Married	---	2	American	Frostburg	Digging coal, piece flew from end of pick, striking him in left eye-ball bruising same.
April 17	W. H. Skidmore	Miner	62	Married	2	---	American	Frostburg	Piece of coal fell from breast striking man on the instep of right foot, bruising same.
April 17	Clarence Beeman	Miner	32	Married	8	---	American	Midland	In setting brake splinter from top rail in car went under nail of finger of right hand.
July 2	Nick Long	Laborer	58	Married	1	1	American	National	Trimming bar fell and sprained his knee.
July 6	Joe Cesnick	Miner	52	Married	19	6	American	Lord	Mashed finger of left hand on frame of car.
July 24	Ben Lewis	Miner	48	Married	15	4	American	Frostburg	Lump of coal fell from breast hitting him on back.
Aug. 6	Robert O. Kergan	Miner	27	Married	15	2	American	Frostburg	Digging hard coal caused a blister on hand which resulted in blood poisoning.
Aug. 13	Clarence Cooper	Driver	38	Married	5 weeks	5	American	Carlos	Thumb hurled from end of second joint to end of thumb. Timber too close to track on right side and caught his thumb between car frame and prop.
Sept. 10	Sam Berman	Driver	38	Married	30	4	American	Frostburg	Piece of rock hanging and the other man in the place pulled it down and jumped back to get out of the way. It struck injured man in the ribs breaking one of them.
Sept. 13	Lee Barrett	Miner	27	Married	26	2	American	Midlothian	Taking down breast coal and there was more than he expected and it hit him on the foot.
Sept. 19	James Sairs	Miner	49	Married	7	2	American	Frostburg	Riding rear end of car which he was running down long room; struck a prop stopping the car suddenly, causing him to break one of his ribs on sill of car.
Oct. 1	Ben Davis	Miner	28	Single	---	---	American	Carlos	Ran a pick in his toe.
Oct. 1	John Cesnick	Miner	24	Single	---	---	American	Lord	Roof coal fell and hit him on back.
Nov. 15	Albert Cesnick	Miner	19	Single	---	---	American	Lord	Finger mashed.
Nov. 8	Arthur Meek	Laborer	37	Married	29	---	American	Frostburg	Mashed finger on brake.
Dec. 21	Albert Noonan	Laborer	35	Married	15	2	American	Eckhart	Strained his back working in water ditch.
Dec. 14	John S. Davis	Laborer	35	Married	17	1	American	Frostburg	Rock fell on him in water ditch.

CONSOLIDATION MINE No. 17

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
April 3	Edward H. Jackson	Mechanical Loader	34	Married	5	5	American	Nikep	Was one of a crew helping to transport a Gelliaty drive and as crew lifted it over rail he slightly strained the muscles of lower part of back.
April 3	Luigi Jusi	Miner	55	Married	8	1	Italian	Frostburg	Was placing lump of coal in car and felt pain in left shoulder. Muscles of left shoulder slightly strained.
April 17	James Taylor	Mechanical Loader	23	Single	13	1	American	Moscow	Was loosening friction drum of mining machine when small piece of draw slate dropped from roof and struck him on second finger of left hand bursting it.
May 11	Frank Miller	Miner	31	Married	18	6	American	Lord	Was wedging down draw slate when a small piece dropped and struck him on knee, slightly bruising knee cap.
May 17	Luigi Jusi	Miner	55	Married	14	1	Italian	Lord	Was digging place in draw slate to place wedge when small piece of slate flew and struck him in eye, bursting eye-ball.
June 21	James H. Miller	Coal Miner	36	Married	37	3	American	Lord	Was turning over large lump of coal to break it for loading when he felt pain in right shoulder. Muscles strained in right shoulder.
June 27	Tony Spataro	Miner	20	Single	10	1	Italian	Lord	Was sawing off post when saw jumped out and lacerated index finger on his right hand.
July 8	John Kirkwood	Miner	48	Widower	31	2	Scotch	Lonaconing	Was removing lump of coal after firing shot when small piece of draw slate fell striking him on back of head causing his head to be pushed against lump of coal. Head lacerated at right eye-ball.
July 15	Claude Steele	Miner	16	Single	13	1	American	Lonaconing	Was placing rail on track and got third finger of left hand bruised and lacerated when finger was pinched between two rails.
July 27	David Morgan	Brakeman	26	Married	28	4	American	Lord	Stepped from motor and opened canvas check. While waiting for motor to pass in, in some manner he got foot on rail and when motor moved it crushed off his two toes next to his large one; bursted his large toe and caused contusion on his instep.

FROSTBURG MINING COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
June 24	James Conway	Inside Laborer	46	Single	41	...	American	Frostburg	Kicked by mule.
Dec. 23	Michael McGuire	Laborer	48	Single	...	...	American	Frostburg	Ruptured himself while pushing car containing water.

GEORGE'S CREEK COAL COMPANY, INC.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 22	Peter Matthews	Miner	35	Married	42	3	American	Lonaconing	Lump of coal fell off rear end of mine car catching his hand between coal and bumper of car. First finger of right hand cut and bruised.
Jan. 24	Thomas Feebles	Brakeman	39	Married	23	3	American	Lonaconing	Right hand caught between motor and mine car. Bone broken and badly cut right hand.
Jan. 31	John Kirkwood, Sr.	Miner	48	Married	...	2	American	Lonaconing	Fall of draw rock. Left foot and ankle badly bruised.
Feb. 2	Robert Moffatt, Sr.	Miner	65	Married	...	2	American	Lonaconing	Fall of draw rock; right hand cut and bruised.
Feb. 4	James H. Anderson	Miner	38	Married	...	5	American	Lonaconing	Fell while walking out of his working place. Left side of body bruised.
Feb. 8	Thomas H. Peel	Miner	62	Single	...	...	American	Lonaconing	Fall of draw rock; back sprained and cut.
Feb. 14	Troxel Warnick	Miner	36	Married	...	4	American	Lonaconing	Fall of draw rock. Both legs sprained and bruised.
April 1	E. H. Kitzmiller	Miner	36	Married	7	4	American	Lonaconing	Fall of draw slate; right leg broken.
April 21	Patrick McDonough	Miner	58	Married	...	6	American	Lonaconing	Pushing mine car and injured ribs.
May 25	Robert Mitchell	Miner	63	Married	...	3	American	Lonaconing	Fall of draw rock; right shoulder injured.
May 25	John J. Martin	Motorman	41	Married	...	3	American	Gilmore	Stepped on a plank with nail in it which injured left foot.
Oct. 2	Charles Broadback	Miner	61	Single	...	...	American	Lonaconing	Crossbar fell on his left foot.
Oct. 26	James Gowans	Miner	66	Married	...	3	American	Lonaconing	Fall of draw rock; forehead cut and bruised.
Oct. 13	Andrew Brodie, Sr.	Miner	59	Married	...	3	American	Lonaconing	Sprained back while pushing mine car.
Dec. 10	Mose Walters, Sr.	Miner	54	Married	...	3	American	Gilmore	Mine car jumped track catching his shoulders between car and coal; sprained left shoulder.
Dec. 13	Milton Cuthbertson	Miner	23	Married	2	...	American	Lonaconing	Pushing mine cars, sprained leaders in both legs.

GEORGE'S CREEK COAL MINING COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 18	John Barry	Trackman	51	Married	28	...	American	Lonaconing	While bending 40-lb. rail, it broke, injuring rib.
Jan. 22	Wm. L. Lashbaugh	Miner	41	Single	17	...	American	Lonaconing	Lifting a car on track and car slew and caught arm against prop. Sprained right arm.
Feb. 8	John Beeman	Miner	35	Married	38	...	American	Midland	Digging coal when bridge board fell down from bar and struck him on hand and chest. Fracture of 7th and 8th ribs, left side; contused head.
Feb. 15	George W. Greene	Timber Frammer	44	Married	73	...	American	Moscow	Was throwing large prop on cut-off table; prop slipped out of hands which caused man to catch arm against table, fracturing arm. Fracture of both bones right forearm.

GEORGE'S CREEK COAL MINING COMPANY—Continued

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Feb. 5	Adam Muir	Driver	33	Single	108	...	American	Lonaconing	Mine car jumped the track catching man's left arm against prop, fracturing and bruising arm. Compound fracture of ulna, lacerated wound of forearm. Lacerated Running loads from place and lump fell out and fell into trolley wire. Lacerated nose and mouth.
March 13	Julius Budres	Miner	49	Married	10	...	Italian	Nikep	Axe slipped and caught man on knee. Injured wound just above right knee joint.
March 5	Patrick McPartland	Timberman	52	Married	21	...	American	Lonaconing	Loading prop on truck and prop slipped and sprained shoulder.
March 30	William Shook	Timber Framer	24	Married	87	...	American	Lonaconing	Was digging coal when piece of loose slate fell and struck man on shoulders, fracturing collar bone. Fracture of inner end of left clavicle and fracture of 7th rib, left side.
April 2	Michael Coleman	Miner	37	Married	...	...	American	Midland	Was pushing car out of header and had hand on top frame of car; got hand caught between car and timber. Contusion of left hand.
May 14	Osborne Moore	Driver	21	Married	17	...	American	Lonaconing	Was walking under swinging bar; the bar flew out and man was caught under fall of roof coal. Bruises on legs, back and chest.
May 24	James M. Robertson	Miner	46	Married	35	...	American	Lonaconing	Was placing brake on car, brake caught in timber, mashing thumb.
June 3	Richard Beeman	Driver	25	Married	14	...	American	Lonaconing	While unloading prop out of mine car, caught finger under prop on top of end gate of car. Cellulitis of left index finger.
June 19	Harry Lease	Miner	37	Married	31	...	American	Nikep	Man was lifting heavy bar of timber and strained muscles of back. Strain of lumbar region and back.
June 4	James Nicol	Timberman	48	Married	45	...	American	Lonaconing	Man was digging coal when rock fell from rib and struck man on head. Cut head.
July 15	Lawson L. Creighton	Timberman	35	Single	5	...	American	Lonaconing	Man was digging coal when rock fell from rib and struck man on head. Cut head.
July 17	James McGoye	Miner	52	Married	14	...	American	Midland	Man was digging coal when rock fell from rib and struck man on head. Cut head.
Aug. 1	John Brodbeck	Brakeman	40	Married	175	...	American	Lonaconing	Man was digging coal when rock fell from rib and struck man on head. Cut head.
Aug. 16	John M. Gardner	Miner	30	Married	21	...	American	Lonaconing	Man was digging coal when rock fell from rib and struck man on head. Cut head.
Aug. 5	Patrick McPartland	Timberman	52	Married	14	...	American	Lonaconing	Hammer glanced and caught finger, mashing middle finger of left hand. While timbering forepoles rock fell and caught man on right leg. Contusion of right thigh and knee cap.

A. P. HOFFA COAL COMPANY—KING MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
April 5	Walter Martin	Miner	32	Married	...	...	American	Pekin	Switching empty car into place in mine, car ran over big toe of right foot.

A. P. HOFFA COAL COMPANY—PHOENIX MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Feb. 8	Hillary Broadwater	Miner	28	Married	...	...	American	Barton	Piece of rock broke away from face of working place and rolled on right foot, bruising it.
Aug. 14	Frank Llewellyn	Miner	59	Married	1 mo.	...	American	Barton	Putting up timber when roof coal fell and man was caught under it.

THE KOONTZ COAL COMPANY—McKEE MINE No. 2

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 31	Stanley Lancaster	Miner	27	Married	...	5	American	Lonaconing	Struck by fall of rock. Compound fracture of right leg. Back bruised.
May 17	William Wilson	Miner	42	Married	...	...	American	Lonaconing	Struck by fall of draw rock. Leg and back bruised.
July 8	Jno. Clark, Jr.	Miner	46	Single	...	...	American	Lonaconing	Fall of rock. Back of neck cut and body bruised.
July 9	James DeVault, Sr.	Miner	52	Married	...	...	American	Lonaconing	Jumping out of way of fall. Ankle sprained.
Nov. 4	William Reiver	Driver	34	Single	...	...	American	Lonaconing	Struck by fall of rock. Leg badly bruised.

JACKSON BIG VEIN GEORGE'S CREEK COAL COMPANY—SONNY MINE—(Formerly George's Creek Coal Mining Co.)

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Oct. 8	George Meyers	Miner	28	Married	...	2	American	Moscow	Piece of coal fell from roof striking man on back.
Oct. 29	Hugh O'Rourke	Miner	48	Single	...	...	American	Midland	Was riding in mine car when it ran against another car, he was thrown forward and his face struck end-gate. Cut about face and neck.
Nov. 14	Joseph Ricker	Miner	36	Married	...	2	American	Lonaconing	Was working at face and piece of rock fell from rib striking him on left foot. Mashed foot.
Nov. 9	Calvin W. Duckworth	Miner	28	Married	6	...	American	Lonaconing	Was working at face; prop flew out and struck him on face. Bruised face.
Dec. 3	William J. Fresh	Miner	56	Married	6	...	American	Lonaconing	Piece of slate fell from roof striking him on leg. Bruised leg.
Dec. 18	Jesse W. Baker	Miner	30	Married	16	...	American	Lonaconing	Baker was shoveling rock into mine car; he twisted his body while shoveling, causing fracture of rib.
Dec. 31	Arnold Moses	Miner	21	Single	20	...	American	Lonaconing	Hit his hand against mine car while shoveling in place.

MARVA COAL COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Aug. 19	Wilbur Waddell	Miner	20	Single	32	---	American	Lonaconing	Fourth finger of left hand fractured by being struck with axe in the hands of his father who was driving a prop and bar.
Oct. 8	James H. Robertson	Miner	55	Married	22	2	American	Midland	Injured head, left arm and back, cutting in bottoms for set of timber. Timber rock fell.
Oct. 17	Matthew Martin, Sr.	Drv., Outsld. Trmwy	69	Married	?	3	American	Gilmore	Squeezed between timber and horse, in mouth of entry, and collar bone broken.
Dec. 5	Joseph Jenkins	Miner	58	Married	?	8	American	Midland	Fall of rock swung timber and forced car back in front of fall. Jenkins was in front of car and was knocked down and car ran upon shoulders, back and hips.
Dec. 2	Matthew E. Martin	Miner	38	Married	17	7	American	Gilmore	Kicked on right leg by horse which was passing on way to stable at end of day's work.

MARYLAND COAL COMPANY—KINGSLAND BIG VEIN MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 8	James Cook	Driver	---	Married	---	---	American	Lonaconing	Hand caught between brake handle and prop. Finger broken and mashed, etc.
Jan. 22	Marshall Hutchison	Miner	---	Single	---	---	American	Lonaconing	Injured back and rib while lifting rail.
Jan. 25	William Main	Miner	---	Married	---	---	American	Lonaconing	Caught by fall of top coal and back injured.
Jan. 29	Robert Turnbull	Miner	---	Married	---	---	American	Moscow	Struck on the arm with pick by his buddy.
Feb. 6	Aleck Barclay	Miner	---	Married	6	---	American	Lonaconing	Struck his foot with pick.
Feb. 8	Wm. H. McIndoe	Motorman	---	Married	12	---	American	Lonaconing	Caught between motor and car. Leg injured.
Feb. 26	Millard Bradley	Miner	---	Married	---	---	American	Lonaconing	Struck on head and back by fall of coal.
March 11	Benjamin Hyde	Miner	---	---	---	---	American	Barton	Hurt wrist and arm while loading coal.
March 26	Thomas Arnold	Miner	---	---	---	---	American	Lonaconing	Loading rock on car and injured back and ribs.
April 12	Henry Workan	Miner	---	---	---	---	American	Lonaconing	Finger injured by piece of rock falling.
June 5	Albert Stevenson	Miner	---	---	---	---	American	Lonaconing	Struck in the eye while mining top coal. Eye injured.
June 13	Harry Upholt	Driver	---	---	---	---	American	Midland	Hand caught between cars and injured.
June 14	James Holmes	Miner	---	---	---	---	American	Lonaconing	Prop kicked out. Head and breast injured.
June 21	Daniel Nightingale	Driver	---	---	---	---	American	Lonaconing	Finger injured while unloading timber.
June 21	George Shearer	Timberman	---	---	---	---	American	Midland	Finger injured while ripping roof.
June 1	James Thney	Miner	---	---	---	---	American	Lonaconing	Foot injured while lifting a car with a prop.
July 10	Jesse Warnick	Miner	---	---	---	---	American	Lonaconing	While carrying a prop, slipped and fell. Left foot injured.
July 31	Frank Duckworth	Miner	---	---	---	---	American	Lonaconing	Struck arm against car.
Aug. 19	Clerence Beeman	Miner	---	---	---	---	American	Midland	Right hand caught between prop and lump of coal. Finger injured.
Aug. 27	Richard Elliott	Miner	---	---	---	---	American	Midland	Left hand struck with pick.
Aug. 27	William Rankin	Timberman	---	---	---	---	American	Lonaconing	Finger injured loading rock.
Sept. 19	Aleck Barclay	Miner	42	Married	---	8	American	Lonaconing	Lump of coal fell on hand.
Sept. 19	James Stakem	Miner	53	Married	---	8	American	Midland	Prop fell on right foot.
Sept. 26	Daniel Nightingale	Driver	45	Married	---	5	American	Lonaconing	Hand injured while repairing pump.
Sept. 26	Frank W. Schulte	Electrician	42	Married	---	1	American	Lonaconing	Struck on shoulder and knee by piece of coal.
Oct. 26	Matthew Muir	Miner	41	Married	28	6	American	Lonaconing	Injured about the body by fall of coal, etc.
Oct. 28	Edward McCormick	Miner	51	Married	50	3	American	Lonaconing	Injured about the body by fall of coal, etc.
Oct. 1	Geo. McCormick	Miner	57	Married	7	3	American	Lonaconing	Car came down and caught finger while lifting car.
Oct. 1	John Leake	Miner	39	Married	22	9	American	Lonaconing	Struck on leg by prop.
Nov. 2	Andrew J. Miller	Miner	17	Single	4	---	American	Barton	Finger caught by brake handle.
Nov. 8	Cal Andrews	Driver	37	Married	3	5	American	Barton	Struck himself between legs with axe handle.
Nov. 9	Wm. Ralston	Miner	29	Married	8	4	American	Lonaconing	Struck himself in eye with pick while digging top coal.
Nov. 30	John Dunn	Miner	44	Married	6	3	American	Lonaconing	Kicked by mule when passing.
Nov. 30	John Johnson	Miner	42	Married	---	7	American	Lonaconing	Cut wrist while lifting rock.
Dec. 2	Charles Nine	Miner	50	Married	---	10	American	Lonaconing	Face and arms injured by coal fall.
Dec. 2	Truall Warnick	Miner	28	Married	---	5	American	Lonaconing	Thumb injured while lifting car.
Dec. 3	Leslie Foot	Miner	29	Married	---	3	American	Lonaconing	Bar rolled and struck him on side.
Dec. 13	Allen Yates	Timberman	30	Single	---	---	American	National	

MCDONALD COAL COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
April 23	Geo. Robertson	Miner	30	Married	4	3	American	Barton	Bone coal fell on him while he was loading car of bone, pushing his face on the bottoms, resulting in small cut on the nose and above left eye.

McNITT COAL COMPANY—McNITT MINE No. 2

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 26	John D. Walker, Jr.	Miner	18	Single	...	...	American	Midlothian	Caught back on cap-piece of prop. Muscles of back wrenched. Struck by loaded mine car. Contused and lacerated wound on scalp, shoulder and neck.
Feb. 15	David Holsinger	Driver	39	Married	14	6	American	Eckhart	
Feb. 23	Salem B. Hayes	Miner	59	Married	?	...	American	Frostburg	Slipped on mine rail. Bruised knee.
March 16	Forest Thomas	Miner	24	Single	7	...	American	Midlothian	Struck in eye by piece of coal. Eye injured.
April 18	William Smith, Sr.	Roadsman	45	Married	9	...	American	Midlothian	Caught finger between tie and spike. Finger badly bruised.
Aug. 8	Lloyd Klirk	Driver	30	Married	14	...	American	Frostburg	Mule jerked mine car on ankle, bruising ankle.
Nov. 1	Samuel Morgan	Laborer	50	Married	7	...	American	Frostburg	Struck foot with sledges; big toe bruised.
Dec. 20	William Powell	Miner	66	Single	...	...	American	Frostburg	Caught finger between car and rail. Finger badly bruised.
Dec. 16	Robert Neat	Miner	35	Married	21	...	American	Shaft	Bumped knee on rail, bruising knee.
Dec. 31	Alex Conrad	Roadsman	54	Single	7	...	American	Midlothian	Pushing car, strained back. Caught thumb under rail, causing badly bruised thumb.

MOSCOW GEORGE'S CREEK MINING COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
May 16	Walter Shaw	Miner	30	Married	...	...	American	Barton	Fall of coal. Cut ear.
July 20	James Thomas	Miner	29	Married	...	...	American	Barton	Fall of coal. Mashed finger.

MOUNT SAVAGE FUEL COMPANY—NEWTOWN MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 21	John Morgan	Miner	32	Married	...	...	American	Mt. Savage	Auger fell and hit top of head, cutting head.
Jan. 25	R. E. Purbough	Miner	34	Married	...	...	American	Mt. Savage	Digging bottoms and piece of coal flew and cut left eye.
Jan. 25	Herbert Stevens	Miner	24	Married	...	...	American	Mt. Savage	Lump of coal fell and bruised head.
Feb. 20	John Bemmett	Miner	36	Married	...	...	American	Mt. Savage	Rock flew and cut face.
Feb. 27	Robert Purbough	Miner	34	Married	...	...	American	Mt. Savage	Caught hand between rock and bruised first finger on left hand.
April 17	Robert Purbough	Miner	34	Married	...	...	American	Mt. Savage	Rock fell from roof and bruised right thigh.
May 1	Geo. Beal	Miner	24	Single	...	...	American	Mt. Savage	Left shoulder cut and neck sprained. Caught between roof and car on trip.
May 9	Elmer McKenzie	Miner	41	Married	...	...	American	Mt. Savage	Hitting rock with pick and piece struck man cutting right eye.
Sept. 9	Elmer McKenzie	Miner	41	Married	...	...	American	Mt. Savage	Drill fell from cutting machine and broke left rib.
Oct. 17	Herb Stevens	Miner	25	Married	...	...	American	Mt. Savage	Pushing car and bruised second finger of left hand which caused infection.
Dec. 21	Robert Orndoff	Miner	21	.....	...	...	American	Mt. Savage	

MOUNT SAVAGE MINING COMPANY—LIBERTY MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Feb. 21	David Dickey	Miner	25	Married	?	...	American	Zihlman	Drilling hole in coal and piece of rock fell out of roof and struck his head.
March 23	Marshall Snyder	Miner	24	Married	15	...	American	Mt. Savage	Was pushing car of coal out of room and finger got caught, mashing it.
April 22	Elmer Sturtz	Rockman	30	Married	12	...	American	Wellersburg, Pa.	Piece of rock fell out of roof and mashed hand.
Aug. 6	Alfred Vizza	Miner	17	Single	17	...	Italian	Zihlman	Caught between car and rib and had back bruised.
Nov. 13	Jos. Brailer	Tippleman	...	Single	4	...	American	Mt. Savage	Mashed finger. Tried to stop car with chuck and got hand caught between chuck and wheel.

PIEDMONT & GEORGE'S CREEK COAL COMPANY—BOWERY FURNACE No. 2

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Feb. 20	George Kroll	Miner	39	Married	7	...	American	Frostburg	Caught arm between end of mine car and roof, bruising arm about wrist and elbow.
Feb. 25	James W. Lyons	Miner	54	Married	29	...	American	Frostburg	Roof rock fell striking him on leg, badly bruising same.
April 6	Jesse Taylor	Inside Laborer	26	Married	50	...	American	Midlothian	Piece of rock fell from roof, striking him on ankle and fracturing two small bones.
April 13	William Whitters	Inside Laborer	37	Married	12	...	American	Midlothian	Sprained muscles in back while lifting rock drill.
April 19	Charles Wittcell	Inside Laborer	43	Married	13	...	American	Frostburg	Struck by piece of roof rock, resulting in his nose being broken and bruised and cut about face.
April 23	Howard Brode	Night Foreman	36	Married	19	...	American	Midlothian	Rock fell striking him across back and bruising same.
April 29	William Ware, Jr.	Miner	34	Married	17	...	American	Carlos	While dropping a loaded mine car out of place badly bruised thumb.
May 1	Edward Arnold	Inside Laborer	53	Married	18	...	American	Midlothian	Electric burn on left wrist and arm.
May 14	William Morgan	Miner	24	Married	19	...	American	Frostburg	Mashed left thumb while driving wedge over mine prop.
May 29	James G. Stevenson	Brakeman	21	Single	20	...	American	Carlos	Caught foot between rails motor was dragging out of room, bruising and lacerating heel.
June 1	Charles Delbrook	Miner	23	Single	89	...	American	Frostburg	Caught foot between empty mine car bumper and bottom rock, resulting in left foot being mashed.
Sept. 23	George Lavin	Inside Laborer	27	Married	2	...	American	Eckhart	Twisted his body while removing a piece of rock from the track, causing rupture.
Oct. 15	Clarence Taylor	Inside Laborer	19	Single	14	...	American	Frostburg	Bruised back of right hand while shoveling rock.

PIEDMONT & GEORGE'S CREEK COAL COMPANY—BOWERY FURNACE No. 2 —Continued

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Oct. 16	Charles Blank	Coal Miner	49	Married	15	...	American	Zihlman	Squeezed between mine car and rib of coal, resulting in a fractured rib.
Nov. 6	Adam Brode	Miner	43	Married	49	...	American	Frostburg	Piece of roof rock fell on foot, breaking small bone in foot.
Dec. 2	William Lapp	Outside Laborer	21	Single	19	...	American	Frostburg	While dumping rock, mashed end of little finger on right hand.
Dec. 10	Frank Largent	Miner	41	Married	9	...	American	Frostburg	Small piece of coal entered his hand causing it to become infected.
Dec. 23	James Finzel	Miner	26	Married	10	...	American	Midlothian	Mashed end of index finger while loading coal.
Dec. 28	Thomas Winters	Inside Laborer	57	Widower	35	...	American	Frostburg	Struck by piece of roof rock and badly bruised about body.

PIEDMONT & GEORGE'S CREEK COAL COMPANY—WASHINGTON No. 5 MINE

Date	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 25	Robert Ford	Miner	17	Single	4	...	American	Westernport	Piece of rock struck his eye, bruising same.
Feb. 11	Joseph E. Ahern	Miner	28	Married	39	...	American	Westernport	Piece of rock fell on foot, bruising toes, which later became infected.
March 8	Lloyd Butts	Miner	24	Single	7	...	American	Keyser, W. Va.	Bruised finger with pick handle while digging coal.
March 22	Alston B. Smith	Miner	27	Married	19	...	American	Westernport	Caught finger between lump of coal and top of mine car, bruising finger.
April 26	Frank McIntosh	Elec. Mining Mach. Operator	44	Married	12	...	American	Westernport	Bruised finger, which became infected.
April 26	J. O. Fezenbaker	Miner	42	Married	48	...	American	Westernport	Bruised great toe, which became infected.
Nov. 23	Frank Hershberger	Miner	25	Married	2	...	American	Westernport	Axe glanced while cutting prop in mine and struck foot.

SULLIVAN BROS. COAL CO.—MINE No. 3

Date	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 5	Thomas W. Lewis	Motorman	28	Married	...	...	American	Frostburg	Coupling motor to cars, caught first finger of left hand meshing it.
March 8	George Hunter	Miner	63	.....	...	...	American	Frostburg	Was coming out of office at Tipton where coal is retailed to truckers. As he stepped between two mine cars squeezed calf of left leg bruising it when motor pushed cars together.
May 3	Paul Steele	Tippelman	24	Single	...	...	American	Zihlman	While taking lump of coal from under belt, belt and roll caught hand, squeezing it.
July 5	Jerry M. Wilson	Miner	63	Married	...	...	Negro	Frostburg	Placing lump of coal in mine car and when his co-worker threw a piece of coal onto the car it caught his finger between the coal and car slightly crushing his finger.
Sept. 9	Joseph Palate	Miner	53	Married	...	...	Italian	Frostburg	Was mining coal when a piece of draw slate fell and hit him on his right leg, bruising it.
Oct. 28	Raymond Kress	Miner	62	.....	...	...	German	Eckhart Mines	Struck on head by piece of draw slate, causing laceration of his forehead above the right eye.
Dec. 9	Edward Lewis	Motor Brakeman	...	Married	...	...	American	Frostburg	Hanging cable on trolley wire. Motor had started up-grade with empty cars. Motor slipped back striking him and rolling him ahead of it causing injuries; bruises about hips and body.
Dec. 16	John Korvich	Motorman	...	Married	...	...	Greek	Eckhart Mines	Had his arm caught between roof of mine and brake on motor. Spraying and stoving of wrist and bruising elbow of right arm.

UNION MINING COMPANY—BLACK HILLS MINE

Date	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 4	G. F. Schrock	Miner	46	Married	32	6	American	Wellersburg, Pa.	A piece of loose rock, which he had overlooked when shooting rock, fell and bruised his breast.
Jan. 5	Charles Wineburner	Machine Cutter	28	Single	17	...	American	Mt. Savage	While loading coal on pan, reached across machine and shirt sleeve caught on sprocket drive chain rubbing his arm up against chain while in motion, causing very painful bruise on arm.
March 4	Wm. Hauss	Miner	33	Married	14	3	American	Mt. Savage	While pulling down loose rock a piece fell and caught two fingers on right hand. Tore fingers badly.
March 21	Irvin Wimer	Miner	31	Married	22	3	American	Stabetsown	Wrenched his back while handling a rock shot; worked rest of day.
May 25	Walter Thomson	Miner	45	Married	30	1	American	Mt. Savage	A piece of draw rock fell on him while on his knees shoveling coal, causing him to double over in such a way as to injure him internally. Bruised.
Nov. 4	Frank Snyder	Roadsman	40	Married	30	9	American	Mt. Savage	Driver was coming down with second trip on main heading and one of the cars swung out and knocked a prop out letting down a bar. Roof was sounded and did not seem to be so bad. Injured man made a bar and was putting it up on the legs when slab of rock fell cutting a gash in his forehead 2 1/2 inches long and bruising his right side and leg. No bones broken.
Dec. 5	Thomas Morgan	Miner	28	Married	13	3	American	Barrellville	Swollen right knee caused by working on knees.

**FIRE CLAY MINES
ALLEGANY COUNTY**

BIG SAVAGE FIRE BRICK COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
March 21	George W. Carder	Clay Miner	...	Married	?	...	American	Zihlman	Was digging clay when fall of rock struck him on right foot.
Oct. 23	Ralph Brown	Inside Laborer	22	Married	9	3	American	Frostburg	Was drilling into clay when hard piece of clay fell and struck him on back of right hand.

SAVAGE MOUNTAIN FIRE BRICK COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
May ...	Samuel Winebrenner	Laborer	43	Married	16	...	American	Frostburg	Slipped and fell; strained leg.
Sept. ...	Samuel Winebrenner	Laborer	48	Married	10	...	American	Midland	Using bar to pry lump from roof fall. Lump slid down bar and struck leg, bruising leg.
Oct. ...	Eli Williams	Laborer	68	Married	10	...	American	Frostburg	Breaking rock; spall of rock struck eye; eye scratched from small particle of rock.

UNION MINING COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Dec. 19	Albert Rice	Timberman	36	Married	11	6	American	Mt. Savage	Foot caught under dump; foot bruised.
Dec. 24	Bradley Rice	Brakeman	27	Single	7	...	American	Mt. Savage	Caught between cars bruising leg.
Dec. 28	Dallas McKenzie	Miner	22	Single	4	...	American	Sand Patch, Pa.	Piece of clay in eye.
Dec. 31	Leo McKenzie	Miner	20	Married	...	4	American	Sand Patch, Pa.	Finger cut on hard clay.

NON-FATAL ACCIDENTS, 1929

Garrett County

DAVIS COAL AND COKE COMPANY—KEMPTON No. 42 MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 2	Slouchie Solchak	Motorman	24	Single	18	...	Austrian	Henry, W. Va.	Plug came out of switch on motor and caused switch to fire, burning man's eyes.
Jan. 8	Ernest Culp	Miner, Brakeman and Motorman	24	Married	...	2	American	Kempton	Man was placing reel plug in switch and knocked trolley plug out causing an arc which burned him on arm.
Jan. 9	George Blizzard	Miner	42	Married	7	4	American	Kempton	Man was pulling rail over in place and stuck pick in tie to spring rail over, and pick slipped out and caught him in eye. Small lacerated place over eye.
Jan. 22	Mike Cossack	Miner	51	Single	?	1	Russian	Kempton	Draw slate fell striking man. Laceration between shoulder and right side of abdomen.
Jan. 30	William Broil, Jr.	Wetfmaster	23	Married	...	6	American	Kempton	Standing on car and rocking it to tilt it and felt pain in lower right side of abdomen. Probable rupture.
Feb. 25	Stanley Perchon	Miner	30	Married	?	7	American	Kempton	Man was taking loose rock down and while prying on piece, rock over him became loose and fell. Bruised left shoulder and right leg and back.
Feb. 8	J. B. King	Miner	52	Single	12	1	American	Kempton	Man moving rock and sprained his back.
Feb. 23	Walker Turek	Brakeman	18	Single	4	...	Polish	Kempton	Man was lifting car and as he reached over the bottom coal, bumped his side
March 11	Leroy Harvey	Miner	23	Married	11	2	American	Kempton	Man was moving top coal. Bruised side and rib.
March 26	Milroy Davis	Miner	23	Single	?	...	American	Kempton	Man was shooting rock and piece was thrown from shot; man's elbow and arm was not in the clear and piece hit him on the arm bruising it.
March 29	Jack Solchak	Track Helper	48	Married	?	6	Austrian	Henry, W. Va.	Man was putting rail bender on motor and bumped finger between bender and motor, mashing thumb.
March 29	J. T. Liller	Man Hoist and Sand House	58	Married	?	3	American	Kempton	Man was filling sand stove and foot slipped and he fell striking chest against hopper of sand stove. Contusion of chest and lower ribs on left side. Possible fracture of ribs.
April 2	Geo. Lipscomb	Wireman	52	Married	10	8	American	Kempton	Small piece of slate fell and struck man on wrist. Laceration of right wrist.
April 8	Leslie Ryan	Miner	18	Single	2	...	American	Kempton	Piece of draw slate fell from face of place and struck man on head causing laceration of scalp.
April 9	R. G. Hambleton	Miner	53	Married	21	4	American	Kempton	Man was carrying piece of draw slate back and dropped it on toes causing laceration of left large toe. Contusion of 2nd toe and possible fracture of 1st toe.
April 18	Richard Ryan	Miner	22	Single	18	...	American	Kempton	Man was dragging rail and other end was on some gob and it fell down and jerked arm causing sprained left arm.
May 7	Charles Lewis	Miner	44	Married	...	5	American	Kempton	Man was taking down rock and when it fell on the bottom coal piece broke and hit man in eye. Eye became inflamed and appeared as if small piece of rock might have lodged in eye.
May 1	Jas. McManis	Miner	58	Married	...	3	American	Kempton	Man hit rock with hammer and piece hit him in eye causing contusion of eye-ball and lids.
May 11	Scott Hershman	Miner	42	Married	...	3	American	Kempton	Piece of draw slate fell from rib striking man on wrist. Did not show injury at first and was not reported but it later became badly swollen.
May 13	William Rapitsky	Miner	26	Single	?	...	Lithuanian	Henry, W. Va.	Top coal and draw slate fell on man. Fell from rib on left side of place. Back bruised and strained.
May 18	Richard Lantz	Miner	34	Married	...	4	American	Kempton	Man was moving tract over to rib and in some manner strained self. Probable rupture.
June 1	W. P. Warsaw	Miner	55	Married	23	3	American	Kempton	Man was picking coal loose and in some way sprained shoulder.
June 4	Wilbur Baer	Miner	26	Married	23	2	American	Kempton	Slate and loose coal fell from rib, striking man on arm. Bruise and contusion of left forearm.
June 10	Lester Welch	Cutter	26	Married	7	4	American	Kempton	Man bumped hand against shield on machine when unclutching machine. Hand badly swollen.
June 15	Henry Eckard	Miner	21	Single	1	...	American	Kempton	Man stuck pick in foot. Small wound in foot.
June 18	Ira Biller	Miner	28	Married	?	2	American	Kempton	Draw slate and rib coal fell. Probable fracture of left arm and right foot.
June 30	Ben Stevens	Miner	31	Married	?	3	American	Kempton	Was bending rail and it broke mashing finger.
July 10	Claud Simmons	Brakeman	33	Married	8	4	American	Kempton	Dragging rails from place and one struck him on ankle. Bruised ankle.
July 11	Lester Witt	Miner	38	Married	4	3	American	Egdon, W. Va.	Piece of slate fell on shoulder bruising shoulder.
July 23	Pete Kuski	Trackman	57	Married	?	5	Lithuanian	Kempton	Man was taking rock down and piece fell and caught him bruising back and hips.
July 29	Robert Turek	Brakeman	17	Single	6	...	Polish	Kempton	Man was coupling cars and mashed thumb.
Aug. 10	Floyd Gordon	Brakeman	24	Married	?	3	American	Kempton	Motor jumped track and in some manner man got leg caught under motor. Left leg almost entirely cut off. Later amputated 6-inches above knee.
Aug. 12	Ivan DeWitt	Miner	22	Married	?	3	American	Kempton	Piece of draw slate fell striking man on ankle. Bruised ankle.
Aug. 16	Wm. Unole	Miner	33	Married	?	4	American	Kempton	Fall of rock. Right ankle sprained and right leg bruised, left hip sprained and back bruised and sprained.
Aug. 20	Jas. Shillingburg	Miner	18	Single	3	...	American	Kempton	Stuck pick in foot. Small lacerated wound on foot.
Aug. 23	Harry Wolfe	Miner	44	Married	12	...	American	Kempton	Cut head while making cap piece.
Aug. 29	James Ludwig	Miner	42	Married	7	...	American	Kempton	Piece of draw slate fell striking man on ankle. Bruised and lacerated ankle.
Oct. 3	Charles Wolfe	Miner	21	Single	4	...	American	Kempton	Rib coal and slate fell, striking man on back and shoulder. Bruised side and sprained shoulder.
Oct. 12	Mike Morris	Fire-boss	48	Married	30	8	Russian	Kempton	Was raising check door on top of fan-house and door became caught on the side. He walked out on the door to loosen it and rope broke letting door fall and man fell with it causing sprained back and bruised left hip.

DAVIS COAL AND COKE COMPANY—KEMPTON No. 42 MINE—Continued

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Oct. 19	Henry Eckard	Brakeman	21	Single	5	---	American	Kempton	Man was squeezed between car and roof. Left arm bruised and slightly lacerated and bruised back and shoulders.
Oct. 23	Frank Strinnel	Miner	19	Single	8	---	Lithuanian	Kempton	Rib coal fell and caught man; cracked rib.
Oct. 31	Kerb Windle	Miner	47	Married	?	3	American	Henry, W. Va.	Man was laying track and pulling up rail; he slipped and rail caught hand and bruised outside of hand.
Nov. 1	Russel Harvey	Miner	19	Single	---	---	American	Kempton	Man was loading coal and picking the lumps up with his hand and loading in car. Lump broke and mashed thumb. Bruised and lacerated thumb.
Nov. 4	Allen Oates	Miner	44	Married	16	---	American	Kempton	Man bruised hand against sand rigging.
Nov. 27	Marshall Cassaday	Miner	31	Married	?	5	American	Kempton	Man had cars placed along face and was coupling cars together and had props close to cars. While moving cars he was squeezed between cars and props. Bruised ribs and scraped side.
Dec. 2	Charles Jackson	Miner	38	Married	13	6	American	Kempton	Due to smooth bottom of place man fell down and sprained back.
Dec. 4	Claud Simmons	Brakeman	33	Married	?	3	American	Kempton	Car had been placed in No. 12 room. Brakeman had set brake and chucked car. Miner was blocking car in place before loading. Before he got blocks in place car ran away catching brakeman at switch. Loss of right leg.
Dec. 9	James Pailing	Brakeman	26	Married	23	2	American	Kempton	Stepped in to uncouple cars and empty ran over foot. Sprained and bruised left foot.
Dec. 14	Mike Cossack	Track Cleaner	60	Single	?	1	Russian	Kempton	Man was pushing on rock duster with five or six other men and got on the close side and got caught between duster and rib. Fractured rib on left side.
Dec. 20	Ray McManis	Miner	25	Single	12	---	American	Kempton	Rock fell knocking out prop beside which man was working; struck man on leg bruising it.
Oct. 30	Albert LaRice	Miner	54	Married	?	2	American	Kempton	Place started working and draw slate broke between props and fell catching man between car and slate. Bruised and sprained right leg from hip down.

HAMILL COAL AND COKE COMPANY—HAMILL FOUR FOOT MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
March 7	Miles Paugh	.....	31	Married	14	6	American	Kitzmilller	Shot of powder went off in face, causing burns.
March 9	Joseph Povich	.....	65	Married	10	4	Lithuanian	Kitzmilller	Jack slipped mashing forefinger of left hand.
March 8	Dewey Whitacre	.....	33	Single	14	---	American	Kitzmilller	Rock fell on foot slightly mashing foot.
March 28	Henry McCloud	.....	42	Married	8	6	American	Blaine, W. Va.	Strained back while lifting.
May 14	Joe Povish	.....	65	Married	30	4	Lithuanian	Kitzmilller	Fall of roof rock, cutting head and shoulder.
Dec. 9	Dewey Whitacre	Miner	31	Single	42	---	American	Kitzmilller	Fall of top coal bruised right leg.

HAMILL COAL AND COKE COMPANY—HAMILL SIX FOOT MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
March 29	Joseph T. Campbell	Miner	52	Married	6	4	American	Kitzmilller	Rock fell on foot bruising it.
March 29	Edward S. Burns	Miner	48	Married	7	3	American	Kitzmilller	Mashed end of fore-finger left hand.
March 25	Edzell Hollen	Miner	17	Single	10	---	American	Blaine, W. Va.	Let piece of rock fall on instep.
March 25	Joseph Zebis	Miner	55	Single	30	---	Lithuanian	Kitzmilller	Roof rock fell on back bruising it.
May 11	Mike Pratt	Miner	42	Married	8	6	Italian	Kitzmilller	Sprained leader in neck.
May 13	Wilber Burrell	Miner	26	Single	45	---	American	Kitzmilller	Burned right hand.
May 13	Joseph T. Campbell	Miner	52	Married	50	4	American	Kitzmilller	Bruised hand causing infection.
June 3	Otha F. Sharpless	Driver	45	Married	20	3	American	Blaine, W. Va.	Cut finger handling props. Infection.
June 26	A. C. Sollars	Laborer	52	Married	8	5	American	Kitzmilller	Laceration of third finger, right hand, on piece of pipe.
Aug. 14	Paul Junkins	Miner	33	Married	14	5	American	Kitzmilller	Fall of rock causing broken rib and bruise.

W. O. HOUCK

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Dec. 28	Ray Wilt	Driver	22	Married	3	4	American	Jennings	Slipped and caught foot between car and piece of gob along track.

MANOR COAL COMPANY

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 9	Abraham Evans	Loader	...	Married	19	...	American	Vindex	Struck on leg by piece of rock rolling down over coal that had been shot down resulting in severe bruise along inside of thigh and knee.
Feb. 7	Robert S. Davis	Driver	31	Married	19	4	American	Vindex	Placing keeper on switch point when pony started suddenly and pulled empty car over fingers resulting in little and ring fingers of right hand being slightly crushed.
Feb. 8	Frank Stewart	Motorman	24	Married	18	3	American	Deer Park	Hand caught between bumpers of locomotive and car when locomotive and trip derailed resulting in first finger of right hand being badly crushed.
Feb. 28	Charles H. Tice	Loader	18	Married	10	2	American	Vindex	Splitting block of wood and axe went through block and into thumb resulting in laceration of left thumb.
April 6	Dan Kifer	Helper on Cutting Machine	...	Married	...	3	American	Vindex	Jack pipe pulled loose from roof and struck man on head resulting in puncture wound of the scalp.
April 17	Albert Stewart	Loader	18	Single	60	...	American	Vindex	Caught across right hip by fall of rock resulting in injury to the pelvis.
June 12	Herbert C. Smalley	Laborer	...	Married	16	...	American	Salisbury, Pa.	Cleaning up rock and knocked a prop loose which struck him in face resulting in deep cut on left side of face.
July 2	Fred Houston	Car Pusher	24	Single	25	1	American	Vindex	Had placed car at upper end of heading and was engaged in placing car further down when first car came down and struck him, catching him between cars, resulting in fracture of left leg.
Aug. 13	William S. Darr	Loader	61	Married	16	...	American	Vindex	Piece of rock slipped out of hand while engaged in loading rock resulting in rupture.
Aug. 23	Asa Bolyard	Loader	20	Single	7	...	American	Swanton	Hand caught between brake lever and prop when he attempted to apply brake on moving car.
Aug. 29	L. S. Warnick	Laborer	...	Married	2	...	American	Vindex	Struck knee while engaged in cleaning fall of rock. Badly bruised knee.
Sept. 9	Corbet Harvey	Loader	27	Single	10	1	American	Vindex	Struck in eye by spike which he was driving into tie. Resulting in contusion of the eye.
Oct. 21	Steve Kania	Brakeman	...	Single	10	1	Polish	Vindex	Mine car ran over finger resulting in first finger of right hand being badly bruised.

MCCULLOUGH COAL CORPORATION

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 19	Alvin Sisler	Coal Loader	26	Married	15	2	American	Friendsville	Attempting to remove sprag from mine car wheel and caught left hand between sprag and floor cutting and bruising 2 middle fingers.
Aug. 26	Geo. Whitely	Motorman	18	Single	25	...	American	Friendsville	Empty cars left too near switch for clearance. Motor passing with motorman's hand resting on side of motor and motor brushed side of empty cars. Cut and bruised third and fourth fingers of right hand.
Oct. 16	Paul Frantz	Min. Mach. Opr.	28	Single	14	...	American	Friendsville	Caught hand between drive chain and truck wheel while replacing chain. Cut and bruised first, second and third fingers and thumb of left hand.
Nov. 12	Harold Frazee	Motorman	26	Married	35	...	American	Friendsville	Caught arm between motor and roof causing fracture of wrist.
Dec. 26	Emory Dewitt	Brakeman	22	Married	31	1	American	Sang Run	Caught fingers between bumpers when attempting to couple cars mashing first, second and third fingers of left hand, from end of fingers back to first joint.

PENN-MARYLAND COLLIERIES, INC.—NETHKIN MINE

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Feb. 13	Clyde Marteny		...	...	...	...	...	...	Not serious, no time lost.
March 7	Rufus Kiser		...	...	...	...	...	...	Slight injury to right shoulder; slipped on ice on way home from work.
March 20	Thomas Porter		...	...	...	...	...	...	Rib on right side injured. No time lost.

R. J. ROSS COAL MINES, INC.—FROG HOLLOW MINE

Date	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Jan. 1	Howard Sowers	Miner	26	Married	10	...	American	Beryl, W. Va.	While reaching for sand-pipe he caught arm between roof and motor, spraining arm and wrist.
Jan. 12	Jerome Shillingburg	Laborer	52	Married	11	4	American	Beryl, W. Va.	Fell on rail causing a bruised knee.
Jan. 23	Daniel Reed	Miner	40	Married	7	3	American	Beryl, W. Va.	Draw rock fell on hip, causing bruises on hip and body.
Feb. 11	Jacob E. Ott	Laborer	63	Married	12	2	American	Piedmont, W. Va.	Fell down on ground and hit a rock, causing broken lower rib.
Feb. 23	Harry Tibbets	Miner	34	Married	8	...	American	Bloomington	While throwing lump of coal on car he caught his finger between lump of coal and the car. Third finger mashed and bruised.
Feb. 18	Frank Lynch	Miner	34	Married	15	2	American	Beryl, W. Va.	Piece of bone coal fell, bruising his hip.
Feb. 18	Walter Yacum	Miner	50	Married	7	5	American	Beryl, W. Va.	Bruised knee.
March 19	Harrison Shrout	Miner	39	Married	6	3	American	Westernport	While pushing car up in his place, his foot slipped causing strained back and bruised knee.
April 1	Walter Wright	Miner	50	Married	10	...	American	Westernport	Piece of bone coal fell on ankle, causing his ankle to be sprained.
April 4	Guy McKenzie	Brakeman	36	Married	11	4	American	Westernport	Foot caught on rail, badly cutting foot, 3rd and 4th toes.
April 5	Jerome Shillingburg	Miner	52	Married	11	...	American	Beryl, W. Va.	A blocked car slipped causing car to fall on fingers, thus mashing first and second fingers.
April 18	Edward Bradley	Miner	65	Widower	30	2	American	Bloomington	While pushing car in his place, he hurt his side.
May 7	Robert Harshberger	Miner	28	Married	15	2	American	Westernport	While bailing water he hit finger against end-gate of a car causing bruised finger, which gathered.
May 23	William Jones	Miner	23	Married	9	1	American	Luke	While pushing a car he tore the ligaments in his arm.
May 27	John Clarke	Miner	27	Married	7	4	American	Westernport	Bruised about shoulders and chest, caused by being squeezed between loaded cars on motor trip.
June 8	Harrison Shrout	Miner	37	Married	32	3	American	Westernport	Piece of bone coal fell on him, causing bruises.
June 18	Wesley Lowman	Car Shifter	56	Married	10	2	American	Bloomington	Fell on mine car causing sprained knee.
June 25	Jos. Strickler, St.	Miner	...	Married	8	4	American	Westernport	Was hit in the eye with tamping needle, injuring eye.
Aug. 3	James Harshberger	Rope Rider	57	Married	20	4	American	Westernport	While pushing car he bumped elbow which became gathered.
Aug. 27	Charles Metcalf	Miner	23	Married	10	4	American	Beryl, W. Va.	Car ran over toe, mashing toe.
Aug. 27	S. M. Shillingburg	Miner	52	Married	40	1	American	Beryl, W. Va.	Piece of bone coal fell on foot.
Sept. 14	J. A. Bartlett	Miner	35	Married	10	...	American	Beryl, W. Va.	Rat's needle thru foot. Punctured foot.
Oct. 6	Harry Tibbets	Miner	35	Single	3	...	American	Bloomington	Cut hand with axe. Deep cut between first and second fingers.
Oct. 11	Robert C. Shrout	Miner	36	Married	41	4	American	Westernport	This man was using a motor at night to haul his own coal. While bringing a trip and motor. Ribs broken and breast bone bruised.
Oct. 23	John J. Gordon	Miner	32	Married	10	3	American	Beryl, W. Va.	Car ran up on him causing sprained ankle and cracked bone in one leg.
Nov. 18	John A. Kline	Miner	67	Married	7	2	American	Westernport	While working on knees they became sore and abraded. Two abscesses on right knee.
Nov. 5	Edward Ack	Miner	30	Married	26	...	American	Luke	Piece of rock fell on him causing cut on head and bruised shoulder and side.
Dec. 6	Adam Pritts	Laborer	36	Married	5	...	American	Bloomington	

SHALLMAR MINING CORPORATION—WOLF DEN MINE

Date	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
Feb. 8	Truman Harvey	Miner	56	Married	10	5	American	Blaine, W. Va.	Caught hand in end-gate.
Feb. 11	George T. Bowers	Miner	19	Single	14	1	American	Kitzmilller	Caught finger under wheel of car.
Feb. 26	Thos. Boyce	Miner	41	Married	...	6	American	Blaine, W. Va.	Piece of bone flew in eye.
March 2	Joe Craver	Miner	46	Married	...	...	American	Kitzmilller	Caught foot on track and pulled knee out of place.
March 14	Ed. Spiker	Driver	24	Single	10	1	American	Shallmar	Car jumped track and caught hand on roof.
March 18	Steve Newhouse	Miner	25	Single	12	...	American	Shallmar	Piece of rock flew in eye.
March 19	Walter Keller	Miner	35	Married	15	5	American	Kitzmilller	Ran splinter in thumb and caused infection.
April 12	Turner Smith	Miner	27	Married	10	2	American	Blaine, W. Va.	Car jumped track and caught arm between car and props.
April 14	Frank Heck	Miner	56	Married	10	2	American	Blaine, W. Va.	Rock rolled out of roof and struck man in head.
May 20	N. F. Dove	Miner	57	Married	...	...	American	Shallmar	Car started to run away and man started to put on the brake and caught hand between car and roof.
June 4	J. C. Mayles	Driver	47	Married	...	4	American	Shallmar	Car ran away and caught knee between car and rib.
June 10	Thos. Gough	Weigh-boss	51	Married	...	6	American	Kitzmilller	Prop rolled off car and broke man's big toe.
June 10	Thos. Finch	Cutter	35	Single	...	1	American	Kitzmilller	Holding a peg, and buddy's axe slipped and struck hand and broke bone.
June 15	John Brown	Miner	35	Married	...	4	American	Kitzmilller	Thumb caught between brake and roof and bruised and mashed thumb.
July 29	Mike Isler	Dumper	35	Married	9	7	American	Shallmar	Taking rock out of end-gate to cut cars when someone kicked brake and car ran over toe.
Aug. 14	Thos. Davis	Miner	47	Married	18	6	American	Kitzmilller	Mules foot slipped and threw dirt in man's eye.
Aug. 20	Blaine Heimick	Miner	45	Married	17	7	American	Shallmar	Lifting car on track and foot slipped and struck side on car, breaking two ribs.
Aug. 29	Kenneth McRobie	Miner	17	Single	10	1	American	Kitzmilller	Was pushing load on track and sprained hip.
Oct. 31	John Willis	Miner	37	Married	...	6	American	Shallmar	Tried to get pony out of the way of a car and caught hand between car and hames.
Oct. 23	Robert Sharpless	Track	39	Single	15	...	American	Shallmar	Lifting a bar which slipped, catching his finger between the bar and a bolt.
Nov. 1	Sandy Martini	Miner	43	Married	10	4	Italian	Kitzmilller	Caught finger between car and prop.
Nov. 12	George Leach	Miner	23	Single	...	...	American	Paw Paw, W. Va.	Hand slipped off tamping bar and hit against prop and bruised.
Dec. 5	James Normand	Miner	50	Single	10	...	Polish	Kitzmilller	Coal fell on hand and cut same.
Dec. 7	Tony Sundel	Miner	51	Single	11	...	Lithuanian	Kitzmilller	Rock fell on shoulder and tore ligaments.
Dec. 14	Austin Keller	Miner	29	Single	20	...	American	Kitzmilller	Filling cartridge with powder, lamp fell off cap and set same off.
Dec. 15	Adam Stankoski	Miner	49	Single	30	...	Polish	Shallmar	Slipped on rail and knee joint went out of place.
Dec. 15	Joe Craver	Miner	49	Married	4	5	American	Kitzmilller	Disallowed; injured while enroute to work.
Dec. 17	James Burton	Miner	45	Married	...	8	American	Kitzmilller	

STATISTICS OF PRODUCTION, 1929

ALLEGANY COUNTY

Name of Company.	Name or Number of Mine.	Number of Openings.	Coal Seam Worked.	Distribution of Employees.				Number of Days Worked	Output Statistics.		Accidents.		Mining Machines Used.	
				Miners	Drivers	Laborers.			Total	Pick.	Machine.	Fatal.		Non-Fatal.
						Inside	Outside							
Aden Coal Co.		1	Bakerstown	2	1	1	4	172	821.00			821.00		
Andrew Ruede, Sr., & Son	Brode	2	Upper Tyson	1	1	1	3	89	408.00			408.00		
Andrew MacLennan		2	Big Vein	2	1	1	3	283	3,046.05			3,046.05		
Annun & Jetties	Union No. 1	1	Sewickley-Tyson	4	1	1	6	237	41,601.00			41,601.00	9	
Arch Michaels Coal Co.	Union No. 2	1	Big Vein	6	8	2	16	199	4,845.00			4,845.00		
C. A. Bennett	Michaels	1	Bakerstown	1	2	2	5	35	205.00			205.00		
D. A. Benson		1	Big Vein	1	1	1	3	95	360.00			360.00		
Big Vein Coal Co. of Lonaconing, Inc.	No. 1 and Air Course	2	Unknown	5	2	7	12	287	4,198.14			4,198.14		
Big Vein Coal Co. of Lonaconing, Inc.	Castle Mine	2	Big Vein	68	9	16	93	245	109,137.10			109,137.10	27	
Big Vein Coal Co. of Lonaconing, Inc.	Caledonia	2	Big Vein	98	6	11	115	63	58,630.03			58,630.03	4	
Big Vein Coal Co. of Lonaconing, Inc.	Pekin	1	Big Vein	14	1	8	23	142	9,453.18			9,453.18	4	
Big Vein Coal Co. of Lonaconing, Inc.	Potomac	1	Big Vein	6	4	2	12	86	1,224.10			1,224.10		
Burtner Coal Co.	Nos. 2, 3 and 5	3	Bakerstown	28	3	4	35	284	30,592.13			30,592.13	15	
Campbell Coal Co.	Franklin	4	Big Vein	4	1	1	6	46	864.01			864.01		
Campbell Coal Co.	Franklin	12	Big Vein	11	2	3	16	109	9,998.19			9,998.19	2	
Campbell Coal Co.	Franklin	11	Bakerstown	12	2	1	15	109	5,905.16			5,905.16	2	
Campbell Coal Co.	Franklin	62	Bakerstown	62	6	14	88	174	14,553.17	57,916.08		72,470.05	9	
Campbell Coal Co.	Hampshire	45	Bakerstown	45	5	6	60	198	14,008.17	19,938.14		33,947.11	16	
Chapman Coal Mining Co.	Donald	6	Big Vein	8	2	2	12	102	3,836.00			3,836.00		
Consolidation Coal Co.	Swanton	1	Bakerstown	6	2	1	9	128	4,975.07			4,975.07	3	
Consolidation Coal Co.	No. 1	1	Big Vein	67	9	25	110	305.4	78,771.00			78,771.00	18	
Consolidation Coal Co.	No. 3	1	Big Vein	44	10	12	66	305.9	73,241.00			73,241.00	15	
Consolidation Coal Co.	No. 4	1	Big Vein	27	2	18	47	288	46,801.00			46,801.00	8	
Consolidation Coal Co.	No. 9	2	Big Vein	30	14	6	50	299.9	44,437.00			44,437.00	8	
Consolidation Coal Co.	No. 10	2	Tyson-Sewickley	229	54	23	306	305.9	223,943.00	30,874.00		254,817.00	98	
Consolidation Coal Co.	No. 12	1	Big Vein	69	7	38	114	100	100,637.00			100,637.00	40	
Consolidation Coal Co.	No. 17	1	Tyson-Sewickley	77	15	4	96	300.9	40,237.00	20,552.00		60,789.00	19	
Dailey Coal Co.	No. 1 and 2	2	Bakerstown	8	2	1	11	84	137.00			137.00		
Douglas Waddell	No. 3	1	Big Vein	3	2	3	8	158	2,660.14			2,660.14		
Eagan Mine	Waddell Mine	1	Big Vein	2	1	1	4	51	151.00			151.00		
Eckhart Fuel Mine		1	Big Vein	1	1	1	3	5	20.00			20.00		
Edw. J. McKenzie		3	Big Vein	3	1	1	5	136	1,118.00			1,118.00		
H. G. Evans	McKenzie	2	Brush Creek	2	2	2	6	208	924.00			924.00		
Frostburg Mining Co.	Borden Mine	2	Big Vein	10	1	1	12	250	5,859.04			5,859.04	1	
George's Creek Big Vein Coal Co.	Spates Mine	1	Big Vein	16	2	1	19	209	11,306.00			11,306.00		
George's Creek Coal Co., Inc.	Bivcol	1	Big Vein	7	2	1	10	109	4,882.00			4,882.00		
George's Creek Coal Co., Inc.	G. C. No. 2	1	Big Vein	5	1	1	7	209	7,368.00			7,368.00		
George's Creek Coal Co., Inc.	G. C. No. 3	2	Waynesburg	44	6	4	54	209	40,619.00			40,619.00	12	
George's Creek Coal Co., Inc.	G. C. No. 4	2	Sewickley	90	10	30	130	178	98,186.09			98,186.09	19	
George's Creek Coal Mining Co.	Sperry	3	Big Vein	23	3	8	34	253	22,983.16			22,983.16	1	
A. P. Hoffa Coal Co.	King Mine	3	Big Vein	23	2	6	31	73	5,436.15			5,436.15	1	
A. P. Hoffa Coal Co.	King Mine	4	Barton	2	2	3	7	92	464.00			464.00		
Hope Coal Mining Co.	Shaw No. 1	2	Big Vein	86	10	16	112	71	37,310.19			37,310.19	5	
Jackson Big Vein Coal Co. (Formerly Sonny Mine of Georges Creek Coal Mining Co.)	Sonny	2	Big Vein	17	2	3	22	249	28,202.00			28,202.00		
Koonitz Coal Co.	McKee No. 2	1	Bakerstown	21	2	2	25	178	368.00			368.00		
Langham & Beal	McDonald	2	Big Vein	50	6	6	62	243	20,688.07			20,688.07	1	
McDonald Coal Co.	M. & F. No. 1	2	Big Vein	10	2	2	14	296	3,392.00			3,392.00	10	
McKee & Fuller Coal Co.	McNitt No. 2	3	Tyson	91	12	9	112	229	59,364.00			59,364.00	5	
Marva Coal Co., Inc.	Marva	1	Big Vein	14	2	1	17	235	9,850.15			9,850.15		
Maryland Coal Co.	Kingsland	1	Big Vein	14	2	1	17	235	141,033.07			141,033.07	39	
Middletown Coal Co.	Middletown No. 1	1	Tyson	2	1	1	4	68	10,051.09			10,051.09	1	
Moscow George's Creek Mining Co.	No. 1	1	Big Vein	7	1	1	9	108	1,144.12			1,144.12		
Moscow George's Creek Mining Co.	No. 2	1	Big Vein	6	1	2	9	108	7,495.00			7,495.00	2	
Moscow George's Creek Mining Co.	No. 3	1	Bakerstown	9	1	2	14	238	2,462.03			2,462.03		
Mount Savage Fuel Co.	Brush Creek	1	Bakerstown	4	1	1	6	178	6,811.00	6,811.00		13,622.00	9	
Mt. Savage Independent Fuel Mine	Newtown	1	Bakerstown	4	1	1	6	178	2,390.06			2,390.06		
Mt. Savage Mining Co.	Liberty	1	Maynadier	22	2	1	25	248	33,149.17			33,149.17	5	
Piedmont & George's Creek Coal Co.	Washington No. 1	1	Kittanning	6	1	4	11	69	1,770.00			1,770.00	3	
Piedmont & George's Creek Coal Co.	Washington No. 5	2	Bakerstown	21	7	8	36	215	6,436.00			6,436.00	7	

2 Jeffrey Short-wall
2 Jeffrey, 1 Goodman
5 Jeffrey 24-B, 2 Jeffrey 35-B
4 Jeffrey 28-A
1 Goodman
1 Goodman
3 Jeffrey Arc-walls
3 Sullivan Short-walls

STATISTICS OF PRODUCTION, 1929

ALLEGANY COUNTY—Continued

Name of Company.	Name or Number of Mine.	Number of Openings.	Coal Seam Worked.	Distribution of Employees.				Number of Days Worked.	Output Statistics.			Accidents.		Mining Machines Used.	
				Miners.	Drivers.	Inside Laborers.	Outside Employees.		Total.	Pick.	Machine.	Total.	Fatal.		Non-Fatal.
Piedmont & George's Creek Coal Co.	Bowery Furnace	1	Tyson	59	...	46	15	120	272	75,829.00	8,063.00	83,892.00	1	19	1 Sullivan Short-wall; 2 Jeffrey Arc-walls
O. T. Porter Coal Co.	Pynhed	1	Bakerstown	1	...	...	...	1	112	546.04	...	546.04	...	...	...
Porter & Kreitzburg	Big Vein	1	Big Vein	2	...	...	...	2	87	741.00	...	741.00	...	...	...
R. C. Roberts Coal Co.	No. 1	1	Bakerstown	5	1	...	2	3	287	6,461.00	...	6,461.00	1	1	...
R. C. Roberts Coal Co.	No. 2	2	Bakerstown	4	...	...	...	4	76	1,153.00	...	1,153.00	...	...	...
Robert Griffith	Borden	2	Tyson	2	...	...	...	2	301	1,322.00	...	1,322.00	...	...	...
C. W. Ross Fuel Mine	Spier No. 1	1	Bakerstown	1	1	...	...	2	88	403.00	...	403.00	...	...	...
Stanton George's Creek Coal Co.	Stanton No. 1	1	Upper Kittanning	4	2	...	...	6	99	1,483.02	...	1,483.02	...	...	...
Sullivan Bros. Coal Company	Sullivan No. 3	1	Upper Kittanning	42	...	...	...	12	319	16,096.10	35,939.03	52,035.13	8	8	Arc-wall mining machine
Supply Coal Co.	Unknown	1	Bakerstown	3	...	...	...	3	68	571.00	25,349.16	25,349.16	9	9	Sullivan C. E. 7 and 9
Union Mining Co.	Union No. 4	1	Unknown	35	6	7	6	54	244	...	...	...	...	...	...
Vincent Engle & Sons	Engle	1	Big Vein	1	1	...	...	2	2	19.00	...	19.00	...	...	...
William Barnes & Son	Barnes Mine	1	Big Vein	1	1	...	...	2	211	527.00	...	527.00	...	...	...
C. O. Workman	Workman	1	Big Vein	4	...	...	...	4	271	3,301.00	...	3,301.00	...	...	...
Twin Pine Mine Co.	Twin Mine	1	Bluebaugh	4	1	...	...	5	72	801.00	...	801.00	...	...	...
Totals				1684	156	471	287	2598	13368	1,584,975.02	263,429.18	1,848,405.00	4	440	

FIRE CLAY MINES, ALLEGANY COUNTY

Name of Company.	Name or Number of Mine.	Number of Openings.	Coal Seam Worked.	Distribution of Employees.				Number of Days Worked.	Output Statistics.			Accidents.		Mining Machines Used.	
				Miners.	Drivers.	Inside Laborers.	Outside Employees.		Total.	Pick.	Machine.	Total.	Fatal.		Non-Fatal.
Big Savage Fire Brick Co.	No. 1 Mine	1	Fire Clay	6	...	5	4	15	287	...	11,346.19	11,346.19	...	2	5 Air drills
Savage Mountain Fire Brick Co.	No. 6 Mine	1	Fire Clay	8	2	4	4	18	247	12,300.10	...	12,300.10	...	3	...
Union Mining Co.	Opening No. 1	...	Fire Clay	...	...	9	...	9	13	292.10	...	292.10	...	...	...
Union Mining Co.	Opening No. 3	...	Fire Clay	9	1	2	21	265	...	10,891.05	...	10,891.05	...	...	...
Union Mining Co.	Opening No. 6	...	Fire Clay	50	8	23	14	95	297	44,967.15	...	44,967.15	...	18	Sullivan D. P. Rotator 33
Union Mining Co.	Opening No. 7	...	Fire Clay	...	1	15	2	18	291	9,420.01	...	9,420.01	...	4	...
Totals				73	12	65	26	176	1420	32,404.06	56,314.14	88,719.00	...	27	

STATISTICS OF PRODUCTION, 1929

GARRETT COUNTY

Name of Company.	Name or Number of Mine.	Number of Openings.	Coal Seam Worked.	Distribution of Employees.					Number of Days Worked	Output Statistics.			Accidents.		Mining Machines Used.
				Miners.	Drivers.	Inside Laborers.	Outside Employees.	Total.		Pick.	Machine.	Total.	Fatal.	Non-Fatal.	
Big Vein Coal Co. of Lonaconing, Incorporated	Georgian	1	Lower Freeport	15	1	3	4	23	187	.....	15,066.13	15,066.13	.....	.....	1 Short-wall; 1 Arc-wall
Davis Coal and Coke Co.	Kempton No. 42	1	Kittanning	107	.....	53	20	180	248.3	104,631.00	103,270.00	207,901.00	.....	52	5 Goodman Slabbing; 2 Goodman Short-wall
Ellis Artice Company	Michaels No. 2	1	"B" Seam	2	.....	.....	.....	2	88	303.17	.....	303.17	.....	.....	.....
Ezra Michaels Coal Co.	Hamill	2	Freeport	30	5	2	8	45	222	526.00	.....	526.00	.....	.....	.....
Hamill Coal & Coke Co.	Hamill	1	Kittanning	46	9	5	14	74	222	32,435.00	.....	32,435.00	.....	6	.....
W. O. Houck	No. 1 Morgart	1	Morgart	18	2	1	1	22	121	59,696.00	.....	59,696.00	.....	10	.....
McCullough Coal Corp.	No. 2 Morgart	1	Morgart	8	1	.....	.....	4	18	7,619.08	.....	7,619.08	.....	.....	.....
Manor Coal Co.	McCullough No. 1	1	"C" Prime	17	1	7	6	31	227	200.00	.....	200.00	.....	4	.....
Martin Bros.	Manor No. 1	1	Lower Kittanning	66	19	13	20	118	259½	34,913.00	121,922.00	185,017.00	.....	13	3 Jeffrey Short-wall
Melvin Weimer	Fickey	1	Kittanning	1	.....	.....	.....	1	43	213.00	.....	213.00	.....	.....	.....
H. E. Miller (Formerly G. J. Alstetter)	Fickey	1	Unknown	2	1	.....	.....	3	87	709.00	.....	709.00	.....	.....	.....
Myers Coal Co.	Beachy	1	Wine River	1	1	.....	1	3	94	402.00	.....	402.00	.....	.....	.....
Penn-Maryland Collieries, Inc.	Nethkin	1	"C" Prime	4	1	1	1	7	193	5,546.00	.....	5,546.00	.....	.....	C. E. Sullivan No. 7913
R. J. Ross Coal Mines, Inc.	Nethkin	1	Freeport	28	4	4	6	42	.....	3,182.00	8,320.16	11,502.16	.....	.....	.....
Shallmar Mining Corp.	Bakerstown	1	Bakerstown	87	6	9	18	120	274	112,680.18	.....	112,680.18	.....	25	.....
Sinclair Coal Corporation	Wolf Den	1	Lower Kittanning	80	9	19	18	126	251	77,295.18	96,744.12	174,040.10	.....	25	8 Arc-walls
E. C. Skipper	Arnold	2	Kittanning	3	.....	.....	.....	3	90	768.02	.....	768.02	.....	.....	.....
Table Rock Coal Company	Skipper	1	Freeport	1	.....	.....	.....	1	65	211.00	.....	211.00	.....	.....	.....
	Skipper	1	Kittanning	2	.....	1	.....	3	117	933.17	.....	933.17	.....	.....	.....
Totals.....				513	60	118	117	808	2867	455,251.00	345,324.01	800,575.01	.....	136	.....

NAMES OF SUPERINTENDENTS AND MINE FOREMEN, ALLEGANY COUNTY, CALENDAR YEAR 1929

FOR CALENDAR YEAR 1929

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Name of Company	Mine	Superintendent	Mine Foreman
Aden Coal Company		Aden Campbell	Andrew Brode, Jr.
Andrew Brode, Sr., & Son	Mines Nos. 1 and 2	W. H. R. Thomas	Clarence Raley
Annau & Jeffries	No. 1 and Air Course	John L. Casey	Harrison Davis
D. A. Benson	Castle	John L. Casey	John Bradley
Big Vein Coal Co. of Lonaconing	Caledonia	John L. Casey	Reginald Kyle
Big Vein Coal Co. of Lonaconing	Pektn	John L. Casey	Fred. Kyle
Big Vein Coal Co. of Lonaconing	Potomac	W. S. Bernard	John Hughes
Burtner Coal Mining Company	Franklin Mines	Dr. Geo. D. Campbell	Thomas Mowbray
Campbell Coal Co.	Hampshire Mines	William Rogan	Jos. Robertson
Campbell Coal Co.	Donald Mine	Dr. Geo. D. Campbell	John J. Faherty; Jos. King, Asst.
Chapman Coal Mining Co.	Swanton Mines	R. C. Snyder, succeeded by W. J. Wolf, Division Manager, Maryland	Richard Hawkins
Consolidation Coal Co.	No. 1	W. J. Wolf	A. C. Neal
Consolidation Coal Co.	No. 3	W. J. Wolf	Frank Carter
Consolidation Coal Co.	No. 4	W. J. Wolf	J. A. Welsenborne
Consolidation Coal Co.	No. 9	W. J. Wolf	Frank Carter
Consolidation Coal Co.	No. 10	W. J. Wolf	R. L. Edwards
Consolidation Coal Co.	No. 12	W. J. Wolf	James Close
Consolidation Coal Co.	No. 17	W. J. Wolf	Ernest Schell
Dalley Coal Co.	Mines Nos. 1 and 2	F. H. Spates	Michael McQuire
Frostburg Mining Co.	Spates Mine	J. E. Darrow	C. R. Darrow
Georges Creek Big Vein Coal Co.	Bivecol Mine	John R. Hamilton	Clarkson Laird
Georges Creek Coal Co., Inc.	Georges Creek No. 2	John R. Hamilton	Richard Moffatt
Georges Creek Coal Co., Inc.	Georges Creek No. 3	John R. Hamilton	Robert Todd
Georges Creek Coal Co., Inc.	Georges Creek No. 4	Louis F. Gerdeiz, Engineer in Charge of Operations	Frank Quinn
Georges Creek Coal Mining Co.	Sonny Mine	William H. Hyde	Simeon Duckworth
Hoffa, A. P., Coal Co.	King Mine	Chester A. Hyde	
Hoffa, A. P., Coal Co.	Phoenix (Hoffa No. 2)	L. B. Shaw	
Hope Coal Mining Co.	Shaw No. 1	John L. Casey	Frank Quinn
Jackson Big Vein George's Creek Coal Co. (Formerly George's Creek Coal Mining Co.)	Sonny Mine		
Kcoantz Coal Co.	McKee No. 2	R. T. Shaw	Walter Kallmyer
Langham & Boal	McDonald Mine	Herbert Langham	Joseph Shubart
McDonald Coal Co.		James McDonald	Henry McKee
McKee & Fuller Coal Co.			Edward Jenkins
McNitt Coal Co.	McNitt No. 2	James Jenkins	Felix Foote, Day Foreman; Harold Morgan, Night Foreman
Marva Coal Co.	Marva Mine	Joseph G. Martin	
Maryland Coal Co.	Kingsland	L. Burton Stevens	

NAMES OF SUPERINTENDENTS AND MINE FOREMEN, ALLEGANY COUNTY, CALENDAR YEAR 1929

Name of Company	Mine	Superintendent	Mine Foreman
Midlothian Coal Co.	No. 1	John M. Fatkin	E. R. Brennan ; Carson Thomas, Asst.
Moscow Georges Creek Mining Co.	Nos. 1, 2 and 3	J. W. P. Somerville	Melvin Reed
Mt. Savage Fuel Co.	Newtown Mine	John Carter	Jos. Jenkins
Mt. Savage Independent Fuel Mines	Mine No. 2	A. D. Marth	John Kenny
Mt. Savage Mining Co.	Liberty Mine	B. H. Blays	James Taylor ; Howard Brode
Piedmont & Georges Creek Coal Co.	Washington No. 1	J. A. Cosgrove	Clarence O'Haver
Piedmont & Georges Creek Coal Co.	Washington No. 5	Harry C. Hitchens	Geo. W. Frenzel
Piedmont & Georges Creek Coal Co.	Bowery Furnace No. 2	Marshall Porter	Albert Deffenbaugh
Porter & Kretzberg	No. 1	Harry Wilson	
R. C. Roberts Coal Co., Inc.	No. 2	Harry Wilson	
R. C. Roberts Coal Co., Inc.	No. 3	B. D. Byrnes	
Sullivan Bros. Coal Co.	Twin Pine Mine	Roland Lermert	
Supply Coal Co.	Union No. 4	Joseph E. Finsel	
Twin Pine Mine Co.	Engle Mine	William Engle	
Union Mining Co.			
Vincent Engle & Sons			

**NAMES OF SUPERINTENDENTS AND MINE FOREMEN, ALLEGANY COUNTY, FIRE CLAY MINES
CALENDAR YEAR 1929**

Name of Company	Mine	Superintendent	Mine Foreman
Big Savage Fire Brick Co. Savage Mountain Fire Brick Co. Union Mining Co.	Fire Clay Fire Clay Fire Clay	G. A. Shuckhart Joseph E. Finzel	Clarence Rayley Charles Wolfe Thomas Machin; William Baker

NAMES OF SUPERINTENDENTS AND MINE FOREMEN, GARRETT COUNTY, CALENDAR YEAR 1929

Name of Company	Mine	Superintendent	Mine Foreman
Big Vein Coal Co. of Lonaconing The Davis Coal and Coke Co.	Georgian Mine Kempton No. 42	John L. Casey J. R. Hubbs	J. T. Jordan C. R. Gibbs, Mine Foreman; Grant King, Albert King and Mike Morris, Fire Bosses C. H. Jones J. J. Walker
Hamill Coal & Coke Co. Hamill Coal & Coke Co. W. O. Houck McCullough Coal Corp. Manor Coal Co.	Hamill-Freepoort Mine Hamill-Kitzmiller Mine Morgart Mine McCullough No. 1 No. 1	R. A. Smith R. A. Smith G. C. Houck Daniel Sister Wm. Crichton, Jr., R. H. Yokum, Assistant.	J. P. Guy; O. W. Tasker, Asst.
Martin Bros. Myers Coal Co. Penn.-Maryland Collieries, Inc. R. J. Ross Coal Mines, Inc. Shallmar Mining Corp. Sincell Coal Corp.	Beachy Mine Nethkin Mine Wolf Den Mine Arnold Mine	A. B. McGary, Succeeded by Clyde Marteny L. R. Kight H. A. Marshall W. I. Kinkead	John Solomon Norman Patton; J. O. Beachy, Asst. Walter H. Cutchall, succeeded by John Amtower Luther Evans J. B. James; Geo. Parrish, Asst.

NAMES OF OFFICERS, ALLEGANY COUNTY—Continued

Name of Company	Principal Office	President's Name and Address	Secretary's Name and Address
Moscow Georges Creek Mining Co.	Cumberland, Md.	J. W. P. Somerville, Cumberland, Md. Lawrence Barth	W. A. S. Somerville, Cumberland, Md. Clinton Uhl
Mt. Savage Fuel Co.	Mt. Savage, Md.		
Mt. Savage Independent Fuel Mines	Mt. Savage, Md.		
Mt. Savage Mining Co.	Cumberland, Md.	B. H. Biays, Cumberland, Md.	F. A. Wolfhove
Piedmont & Georges Creek Coal Co.	Frostburg, Md.	J. S. Brophy, Frostburg, Md.	Alex. G. Close, Frostburg, Md.
O. T. Porter	Barton, Md.	Marshall Porter	
Porter & Kreitzburg	Eckhart, Md.	R. C. Roberts	
R. C. Roberts Coal Co., Inc.	Westernport, Md.		
Robert Griffith	Frostburg, Md.		
C. W. Ross Fuel Mine	Barton, Md.		
Stanton Georges Creek Coal Co.	Frostburg, Md.		
Sullivan Bros. Coal Co.	Frostburg, Md.		
Supply Coal Co.	Barton, Md.	D. P. Sullivan	W. J. Sullivan
Twain Pine Mine Co.	Barrelville, Md.	P. H. Gallagher	
Union Mining Co.	Mt. Savage, Md.	Roberdeau Annan	C. F. Talbott
Vincent Engle & Sons	Eckhart, Md.		
William Barnes & Son	Midlothian, Md.		
C. O. Workman	Frostburg, Md.		

NAMES OF OFFICERS, FIRE CLAY MINES, ALLEGANY COUNTY, CALENDAR YEAR 1929

Name of Company	Principal Office	President's Name and Address	Secretary's Name and Address
Big Savage Fire Brick Co.	Zihlman, Md.		
Savage Mountain Fire Brick Co.	Frostburg, Md.	D. Armstrong, Frostburg, Md. Thos. N. Kurtz, 541 Oliver Bldg., Pitts- burgh, Pa.	E. J. Ciark, Frostburg, Md. V. L. Walleit, Mt. Union, Pa.
Union Mining Co.	Mt. Savage, Md.	Roberdeau Annan	C. F. Talbott

NAMES OF OFFICERS, GARRETT COUNTY, CALENDAR YEAR 1929

Name of Company	Principal Office	President's Name and Address	Secretary's Name and Address
The Davis Coal and Coke Co.	Thomas, W. Va.	A. B. Stewart, Continental Bldg., Baltimore, Md.	Frank H. Jacobs, Jr., Continental Bldg., Baltimore, Md.
Ellis Artice Coal Co.	Friendsville, Md.	R. A. Smith	J. A. Shore
Ezra Michaels Coal Co.	Barion, Md.	W. O. Honck, Tunnelton, W. Va.	F. C. McCullough
Hamill Coal & Coke Co.	Blaine, W. Va.	J. W. McCullough	H. A. Crichton, 17 Battery Place, New York City
W. O. Honck	Jennings, Md.	A. B. Crichton, Johnstown, Pa.	
McCullough Coal Corp.	Friendsville, Md.		
Manor Coal Co.	U. S. National Bank Bldg., Johnstown, Pa.		
Martin Bros.	Oakland, Md.	H. E. Miller	C. A. Bender
Melvin Welmer	Oakland, Md.	J. A. Beachy	J. B. Mullen, Piedmont, W. Va.
H. E. Miller	Oakland, Md.	Ben Luria, York, Pa.	W. H. Marshall, New York City
Myers Coal Co.	Gransville, Md.	R. J. Ross	E. L. Mack, Bethlehem, Pa.
Penn-Maryland Collieries, Inc.	Bayard, W. Va.	W. A. Marshall, New York City	
R. J. Ross Coal Mines, Inc.	Westernport, Md.	T. M. Dodson, Bethlehem, Pa.	
Shalmar Mining Corp.	17 Battery Place, New York City	S. J. Lichty, Oakland, Md.	
Sincell Coal Corp.	Bethlehem, Pa.		
E. C. Skipper	Sines, Md.		
Table Rock Coal Co.	Oakland, Md.		W. E. Spoerlein

COAL TONNAGE BY COMPANY, CALENDAR YEAR 1929
ALLEGANY COUNTY

	Net Tons
Aden Coal Company.....	821.00
Andrew Brode, Sr. and Sons.....	408.00
Andrew MacMannis.....	3,046.05
Annan & Jeffries.....	46,446.00
Arch Michaels Coal Company.....	205.00
C. C. Bennett.....	360.00
D. A. Benson.....	4,198.14
Big Vein Coal Company of Lonaconing, Inc.....	178,446.01
Burtner Coal Company.....	30,592.13
Campbell Coal Company.....	123,186.12
Chapman Coal Mining Company.....	8,811.07
Consolidation Coal Company.....	659,493.00
Dailey Coal Company.....	6,788.00
David Yates.....	137.00
Douglas Waddell.....	2,660.14
Eagan Mine.....	151.00
Eckhart Fuel Mine.....	20.00
Edw. J. McKenzie.....	1,118.00
H. G. Evans.....	924.00
Frostburg Mining Company.....	5,959.00
George's Creek Big Vein Coal Company.....	9,695.04
George's Creek Coal Company, Inc.....	64,275.00
George's Creek Coal Mining Company.....	98,186.09
A. P. Hoffa Coal Company.....	28,420.11
Hope Coal Mining Company.....	464.00
Jackson Big Vein George's Creek Coal Co. (formerly George's Creek Coal Mining Co.).....	37,310.19
Koontz Coal Company.....	28,202.00
Langham and Boal.....	368.00
McDonald Coal Company.....	20,688.07
McKee & Fuller Coal Company.....	3,392.00
McNitt Coal Company, Inc.....	59,364.00
Marva Coal Company.....	9,850.15
Maryland Coal Company.....	141,033.07
Midlothian Coal Company.....	10,051.09
Moscow George's Creek Mining Company.....	11,101.15
Mt. Savage Fuel Company.....	6,811.00
Mt. Savage Independent Fuel Mines.....	2,390.06
Mt. Savage Mining Company.....	33,149.17
Piedmont and George's Creek Coal Company.....	115,164.00
O. T. Porter.....	546.04
Porter & Kreitzburg.....	741.00
R. C. Roberts Coal Company, Inc.....	7,614.00
Robert Griffith.....	1,322.00
C. W. Ross Fuel Mines.....	403.00
Stanton George's Creek Coal Company.....	1,483.02
Sullivan Bros. Coal Company.....	52,035.13
Supply Coal Company.....	571.00
Twin Pine Mine Company.....	801.00
Union Mining Company.....	25,349.16
Vincent Engle & Sons.....	19.00
William Barnes & Son.....	527.00
C. O. Workman.....	3,301.00
Total.....	1,848,405.00

COAL TONNAGE BY COMPANY, CALENDAR YEAR 1929
GARRETT COUNTY

	Net Tons
Big Vein Coal Company of Lonaconing, Inc.....	15,066.13
Davis Coal and Coke Company.....	207,901.00
Ellis Artice Company.....	303.17
Ezra Michaels Coal Company.....	526.00
Hamill Coal and Coke Company.....	92,131.00
W. O. Houck.....	7,819.08
McCullough Coal Corporation.....	34,913.00
Manor Coal Company.....	135,017.00
Martin Bros.	213.00
Melvin Weimer	709.00
H. E. Miller (formerly G. J. Altstetter).....	402.00
Myers Coal Company.....	5,546.00
Penn-Maryland Collieries, Inc.....	11,502.16
R. J. Ross Coal Mines, Inc.....	112,580.18
Shallmar Mining Corporation.....	174,040.10
Sincell Coal Corporation (formerly Dodson Bituminous Coal Corporation)	758.02
E. C. Skipper.....	211.00
Table Rock Coal Company.....	933.17
Total.....	800,575.01

FIRE CLAY MINES—ALLEGANY COUNTY

	Net Tons
Big Savage Fire Brick Company.....	11,346.19
Savage Mountain Fire Brick Company.....	12,300.10
Union Mining Company.....	65,071.11
Total.....	88,719.00

TONNAGE BY COAL SEAMS, CALENDAR YEAR 1929
ALLEGANY COUNTY

	Net Tons
Big Vein or Pittsburgh.....	846,797.18
Bakerstown	220,250.12
Sewickley or Tyson.....	646,807.08
Brush Creek	7,929.00
Waynesburg	7,368.00
Barton or Four Foot.....	464.00
Maynadier	33,149.17
Kittanning	55,288.15
Bluebaugh	801.00
Unclassified	29,548.10
Total.....	1,848,405.00

GARRETT COUNTY

	Net Tons
Freeport	59,215.09
Bakerstown	113,106.18
Kittanning	578,559.09
"B" Seam	303.17
Morgart	7,819.08
"C" Prime	40,459.00
Wine River	402.00
Unclassified	709.00
Total.....	800,575.01

TONNAGE BY COAL SEAM
ALLEGANY COUNTY—Calendar Year 1929—Continued

FOR CALENDAR YEAR 1929

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Name of Company	Big Vein or Pittsburgh	Balestertown	Sewickley or Tyson	Brush Creek	Waynesburg	Barton or Four Foot	Maynader	Kittanning	Bluebaugh	Unclassified
Jackson Big Vein Georges Creek Coal Co., (Formerly Georges Creek Coal Mining Company)	87,310.19									
Koontz Coal Company		365.00	28,202.00							
Langham & Boal		20,688.07								
McDonald Coal Co.	3,392.00									
McKee & Fuller Coal Co.			59,364.00							
McNitt Coal Co.	9,850.15									
Marva Coal Co.	141,033.07									
Maryland Coal Co.			10,051.09							
Midlothian Coal Co.	8,639.12	2,462.03								
Moscow Georges Creek Mining Co.				6,811.00						
Mount Savage Fuel Co.		2,390.06								
Mt. Savage Independent Fuel Mines							33,149.17			
Mount Savage Mining Co.		29,502.00								
Piedmont & Georges Creek Coal Co.		546.04								
Porter, O. T.	741.00									
Porter & Kreitzburg										
Roberts, E. C., Coal Co., Inc.		7,614.00	1,322.00							
Robert Griffith										
Ross, C. W., Fuel Mine		403.00								
Stanton and Georges Creek Coal Co.								1,483.02		
Sullivan Bros. Coal Co.								52,085.13		
Supply Coal Co.		571.00							801.00	
Twin Pine Mine Co.										
Union Mining Co.										
Vincent Engle & Sons	19.00									
William Barnes & Son	527.00									
Workman, C. O.	3,301.00									
Totals.....	846,797.18	220,250.12	646,807.08	7,929.00	7,368.00	464.00	33,149.17	55,288.15	801.00	29,548.10

**TONNAGE BY COAL SEAM
GARRETT COUNTY—Calendar Year 1929**

Name of Company	Freeport	Bakerstown	B-Seam	Morhart	C-Prime	Wine River	Kittanning	Unclassified
Big Vein Coal Co. of Lonaconing, Inc.	15,066.13						207,901.00	
Davis Coal & Coke Co.			303.17					
Ellis Artice Company		526.00					59,696.00	
Ezra Michaels Coal Co.	32,435.00			7,819.08				
Hamill Coal & Coke Co.					34,913.00		135,017.00	
W. O. Houck							213.00	
McCullough Coal Corporation								709.00
Manor Coal Co.								
Martin Bros.								
Melvin Welmer								
H. E. Miller								
Myers Coal Co.					5,546.00			
Penn-Maryland Collieries, Inc.	11,502.16							
Ross, R. J. Coal Mines, Inc.		112,580.18					174,040.10	
Shallmar Mining Corporation							758.02	
Sincell Coal Corporation							933.17	
Skipper, E. C.	211.00							
Table Rock Coal Company								
Totals.....	59,215.09	113,106.18	303.17	7,819.08	40,459.00	402.00	578,559.09	709.00

**DESCRIPTION OF MINES IN ALLEGANY COUNTY
FOR THE CALENDAR YEAR 1929**

ADEN COAL COMPANY

This is a wagon mine located about one mile east of Westernport, Md., and operates in the Bakerstown coal seam. Ventilation is by natural means.

During the year 1929 this mine employed 4 men, worked 172 days and produced 821.00 tons of coal.

ANDREW BRODE, SR., & SONS

Andrew Brode.....Mine Foreman.

Brode Mine is located about one mile southwest of Frostburg, Md. It is a drift opening in the Upper Tyson coal seam. Ventilation is by natural means, and the coal is sold to domestic trade.

During the year 1929 this mine employed 1 man, worked 89 days and produced 408.00 tons of coal.

ANNAN & JEFFRIES COAL COMPANY

Union No. 1

Eugene Stevens.....Assistant Foreman

This mine is located at Zihlman and is a drift opening working the Tyson coal seam. Ventilation is produced by an electrically driven fan and is found satisfactory. This mine is located on the C. & P. Railroad.

During the year 1929 this mine employed 63 men, worked 237 days and produced 41,601.00 tons of coal.

ANNAN & JEFFRIES COAL COMPANY

Union No. 2

W. H. R. Thomas.....Supt. and Mine Foreman.

This mine is located at Zihlman and is a drift opening, working the Big Vein coal seam. Conditions are found to be satisfactory. Ventilation is produced by an electrically driven fan and is conducted to the working faces by means of doors, overcasts and stoppings. The mine is located on the C. & P. Railroad.

During the year 1929 this mine employed 9 men, worked 199 days and produced 4,845.00 tons of coal.

ARCH MICHAELS COAL COMPANY

Arch Michaels.....Mine Foreman.

This is an opening in the Bakerstown seam, located about one and one-half miles above Reynolds on Mill Run. It is a wagon mine. Ventilation is by natural means and is found to be satisfactory.

During the year 1929 this mine employed 1 man, worked 35 days and produced 205.00 tons of coal.

C. C. BENNETT

This is a new mine and is located about 1 mile east of Eckhart. It is a drift opening, working the Big Vein coal seam. It is a small wagon mine, supplying coal for domestic trade.

During the year 1929 this mine employed 1 man, worked 95 days and produced 360.00 tons of coal.

D. A. BENSON

This mine is located on the tram road of the Big Savage Fire Brick Company about one and one-half miles northeast of Zihlman. It is a drift opening, working the Freeport coal seam. This is a wagon mine, supplying domestic trade. Ventilation is produced by a fan, driven by an electric motor. Drainage is by natural means and found in a satisfactory condition.

During the year 1929 this mine employed 7 men, worked 287 days and produced 4,198.14 tons of coal.

BIG VEIN COAL COMPANY OF LONACONING, Inc.

Caledonia Mine

John L. Casey.....Superintendent
John Bradley.....Mine Foreman.

This mine is located on the west side of George's Creek at Barton on the C. & P. Railroad, and consists of two drift openings, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by natural means.

During the year 1929 this mine employed 63 men, worked 223 days and produced 58,630.03 tons of coal.

BIG VEIN COAL COMPANY OF LONACONING, Inc.

Castle Run Mine

John L. Casey.....Superintendent.
Harrison Davis.....Mine Foreman.

This mine is located on the Western Maryland Railway on the west side of George's Creek at Lonaconing. It is a drift opening,

working the Pittsburgh coal seam. Ventilation is produced by an electrically driven fan.

During the year 1929 this mine employed 112 men, worked 245 days and produced 109,137.10 tons of coal.

BIG VEIN COAL COMPANY OF LONACONING, Inc.

Elkheart Mine

John L. Casey.....Superintendent
Fred. Beeman.....Mine Foreman

This mine is located on the C. & P. Railroad at Moscow on the west side of George's Creek. It is a drift opening, working the Bakerstown coal seam. Ventilation is produced by an electrically driven fan.

During 1929 this mine was idle.

BIG VEIN COAL COMPANY OF LONACONING, Inc.

Pekin Mine

John L. Casey.....Superintendent
Reginald Kyle.....Mine Foreman

This was formerly the King Mine operated by A. P. Hoffa Coal Company and a description of it will be found under that name.

During the time this mine was operated by the Big Vein Coal Company of Lonaconing, Inc., in 1929, it employed 24 men, worked 142 days and produced 9,453.18 tons of coal.

BIG VEIN COAL COMPANY OF LONACONING, Inc.

Potomac Mine

John L. Casey.....Superintendent
Frederick Kyle.....Mine Foreman

This mine was recently re-opened by this Company and was formerly worked by Brydon Bros. Coal Co. It is located about 2 miles southeast of Barton on the Hoffa Bros. tram road. Ventilation is by natural means as is also the drainage. This Company has relaid a new incline plane to the mine.

During the year 1929 this mine employed 12 men, worked 86 days and produced 1,224.10 tons of coal.

BURTNER COAL MINING COMPANY, INC.

Burtner Mine No. 6

V. T. Burtner.....Superintendent.
 Wm. Barnard.....Superintendent
 John Hughes.....Mine Foreman

Burtner No. 6 Mine is located on the west side of George's Creek near Franklin. It is a drift opening working the Bakerstown coal seam. It is developed on the double entry system. Ventilation is produced by an electrically driven fan.

During the year 1929 this mine employed 41 men, worked 284 days and produced 30,592.13 tons of coal.

CAMPBELL COAL COMPANY

Donald Mine

John Faherty.....Mine Foreman.
 Joseph Guy.....Mine Foreman

These are drift openings in the Bakerstown coal seam, located near Lauder, on the west side of George's Creek, on the C. & P. Railroad. Ventilation is produced by a fan driven by an electric motor.

During the year 1929 this mine employed 60 men, worked 198 days and produced 33,947.11 tons of coal.

CAMPBELL COAL COMPANY

Franklin Mines

Thomas Mowbray.....Mine Foreman.

Franklin Mines, Nos. 1, 2 and 3 are drift openings, working the Bakerstown, Big Vein and Tyson coal seams respectively, and are located at Franklin. Ventilation in No. 1 mine is produced by a fan driven by an electric motor. The ventilation in Nos. 2 and 3 mines is by natural means and found to be satisfactory.

During the year 1929 the Big Vein Mine employed 5 men, worked 46 days and produced 864.01 tons of coal; Tyson Mine employed 19 men, worked 109 days and produced 9,998.19 tons of coal; Bakerstown Mine employed 19 men, worked 109 days and produced 5,905.16 tons of coal.

CAMPBELL COAL COMPANY

Hampshire Mines

William Rogan.....	Superintendent
George Crowe.....	Mine Foreman
Joseph Robertson.....	Mine Foreman

Hampshire Mines Nos. 2 and 3 are openings in the Bakerstown and Freeport coal seams, respectively, located near Reynolds. Ventilation is produced by a fan driven by an electric motor. Hampshire Big Vein Mine is located at Reynolds near Barton and is a drift opening. Ventilation is by natural means and found to be satisfactory.

During the year 1929 the Hampshire Big Vein and Freeport Mines were idle; Hampshire Bakerstown Mine employed 88 men, worked 174 days and produced 72,470.05 tons of coal.

CHAPMAN COAL MINING COMPANY

Swanton Mines

Randolph Ashby.....	Superintendent.
Albert Frenzel.....	Mine Foreman.
C. A. Griffith.....	Mine Foreman.

Swanton Mines Nos. 1 and 2 are located at Barton on the west side of George's Creek. They are drift openings, working the Bakerstown and Big Vein coal seams, and developed on the double entry system. Ventilation in the Bakerstown Mine is produced by a fan driven by an electric motor. Ventilation in the Pittsburgh Mine is by natural means.

During the year 1929 the Big Vein Mine employed 12 men, worked 102 days and produced 3,836.00 tons of coal; the Bakerstown Mine employed 13 men, worked 128 days and produced 4,975.07 tons of coal.

CHARLES BRUNNER

This is a wagon mine located about one mile east of Eckhart. It is a drift opening working the Big Vein coal seam.

During 1929 this mine was idle.

CONSOLIDATION COAL COMPANY

Maryland Division

At the beginning of the year 1929 Mr. W. C. Snyder was General Manager of this Division but later in the year was succeeded by Mr. William J. Wolf as Manager.

The Maryland Division of this Company is in Allegany County. It is the largest operation in the State, operating 7 mines and working the Pittsburgh and Tyson coal seams. The general condition of the mines is good and no expense is spared to keep them in a healthful and safe condition.

During the year 1929 these mines employed 830 men and produced 659,493 tons of coal.

CONSOLIDATION MINE NO. 1

Richard Hawkins.....Mine Foreman.
Michael McGeady.....Mine Foreman.

This mine is located on the C. & P. Railroad at Ocean on the east side of George's Creek. It is a slope opening working the Pittsburgh or Big Vein coal seam, and is opened under the double-entry system. Ventilation is produced by an electrically driven fan and the air current is conducted to the working faces by overcasts, doors and stoppings. It is found in a satisfactory condition. Drainage is very difficult owing to the low condition of the mine and a heavy expense is incurred in keeping it satisfactory. It is obtained by being drained through the Hoffman tunnel.

During the year 1929 this mine employed 110 men, worked 305.4 days and produced 78,771.00 tons of coal.

CONSOLIDATION MINE NO. 3

Alex. Neal.....Mine Foreman.
Charles Shields.....Asst. Foreman.

This mine is located at Hoffman, one and one-half miles east of Frostburg, on the Eckhart Branch of the C. & P. Railroad. It is a slope opening working the Pittsburgh or Big Vein coal seam, and is developed on the double-entry system. Ventilation is produced by an electrically driven fan and the air current is conducted to the working faces by overcasts, doors and brattices.

Drainage is most difficult and it is necessary to have a number of pumps and ditches in order to keep the drainage in a lawful condition. Drainage is through the Hoffman ditch, which empties into Braddock Run at Clarysville. Timbering is found in good condition, but it requires a great deal of timbering to keep the roof safe.

During the year 1929 this mine employed 95 men, worked 305.9 days and produced 73,241.00 tons of coal.

CONSOLIDATION MINE NO. 4

Frank Carter.....Mine Foreman.
 George Richardson.....Assistant Foreman.
 John Barry.....Assistant Foreman.

This mine is a slope opening, working the Pittsburgh or Big Vein coal seam, located at Eckhart. It is developed on the double-entry system. Ventilation is produced by an electrically driven fan and is conducted to the working faces by brattices. Drainage is very difficult, but by use of pumps and ditches it is kept in a lawful condition. The roof is of a dangerous character, owing to the age of the mine. The timbering, however, is well looked after. This mine is located on the C. & P. Railroad.

During the year 1929, this mine employed 47 men, worked 298 days and produced 46,801.00 tons of coal.

CONSOLIDATION MINE NO. 9

Arthur Weisenborn.....Asst. Foreman.

This mine is located at the end of the 'Y' on the C. & P. Railroad. It is a drift opening working the Tyson coal seam. Ventilation is found to be in a satisfactory condition and is produced by an electrically driven fan. Drainage is kept in a lawful condition by holes being driven to the Big Vein and by use of pumps.

During the year 1929 this mine employed 50 men, worked 299.9 days and produced 44,437.00 tons of coal.

CONSOLIDATION MINE NO. 10

Frank Carter.....Mine Foreman.
 William Donahue.....Asst. Foreman.
 Clarence Powers.....Asst. Foreman

This mine is located at Eckhart, just west of Consolidation Mine No. 4, on the Eckhart Branch of the C. & P. Railroad. It is a drift opening, working the Sewickley or Tyson coal seam, and is developed on the double-entry system. Ventilation is produced by an electrically driven fan. Drainage is kept in a lawful condition by holes being driven through to the Big Vein. The roof is of the usual character found in the Tyson seam, being disturbed in some places by the removal of the coal in the seam below.

During the year 1929, this mine employed 306 men, worked 299.4 days and produced 254, 817.00 tons of coal.

CONSOLIDATION MINE NO. 12

Robert Edwards.....Mine Foreman.
Patrick Kenney.....Asst. Foreman

This mine is located at Borden Shaft on the main line of the C. & P. Railroad. It is a shaft opening, working the Pittsburgh or Big Vein coal seam. It is developed on the double-entry system. Ventilation is produced by an electrically driven fan located at the pumping shaft. Drainage is by natural means and is through the Hoffman tunnel. The roof is of the usual character and requires a great deal of timbering.

During the year 1929 this mine employed 126 men, worked 305.9 days and produced 100,637.00 tons of coal.

CONSOLIDATION MINE NO. 17

James Close.....Mine Foreman.

This mine is located at Lord, Md. It is a drift opening working the Tyson or Sewickley coal seam, and is developed on the double-entry system. Ventilation is produced by an electrically driven fan and is conducted to the working faces by doors and stoppings.

During the year 1929 this mine employed 96 men, worked 300.9 days and produced 60,789.00 tons of coal.

J. DADDYSMAN

This is a drift opening in the Bakerstown coal seam, located one-half mile northeast of Westernport. Ventilation is by natural means.

During the year 1929 this mine was idle.

DAILEY COAL COMPANY

Thomas Dailey.....Superintendent.
Ernest Schell.....Mine Foreman.

These mines are located at Franklin. They are drift openings, working the Bakerstown coal seam. Ventilation is produced by a gasoline-driven fan. These mines were formerly operated by the Westernport Coal Company.

During the year 1929 these mines employed 11 men, worked 181 days and produced 6,788.00 tons of coal.

DARBY BRADY COAL MINES

This is a wagon mine located near Frostburg. It is a drift opening, working the Tyson coal seam.

During the year 1929 this mine was idle.

DAVID YATES

This mine was formerly known as No. 16 of The Consolidation Coal Company and is located about two miles east of Midland on the Eckhart Branch of the C. & P. Railroad. The mine consists of a series of openings and is developed on the double-entry system. It was abandoned by The Consolidation Coal Company, the outcrop now being worked, Big Vein being the seam of coal.

During the year 1929 this mine employed 2 men, worked 34 days and produced 137.00 tons of coal.

DOUGLAS WADDELL

This mine is located on the east side of George's Creek at Lonaconing, on the Western Maryland Railway. It is a drift opening, working the Pittsburgh or Big Vein coal seam. Ventilation is by natural means.

During the year 1929 this mine employed 3 men, worked 158 days and produced 2,660.14 tons of coal.

EAGAN MINING COMPANY

Charles Eagan.....Mine Foreman.

The Eagan Mine is located at Midland on the Western Maryland Railway. It is a drift opening, working the Pittsburgh or Big Vein coal seam. Ventilation is by natural means.

During the year 1929 this mine employed 2 men, worked 51 days and produced 151.00 tons of coal.

H. G. EVANS COAL COMPANY

Borden Mine is a wagon mine located at Borden, near Frostburg. There are two drift openings, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by natural means. Drainage is also by natural means and is in a lawful condition. The roof is of a dangerous character and requires a great deal of attention to keep it safe.

During the year 1929 this mine employed 2 men, worked 208 days and produced 924.00 tons of coal.

FROSTBURG MINING COMPANY

Frank H. Spates.....Superintendent and Mine Foreman.

Spates No. 1 Mine is located at Old Consolidation Village, about one mile west of Frostburg. It is a wagon mine and is a drift opening, working the Pittsburgh coal seam. Ventilation is by natural means.

During the year 1929 this mine employed 9 men, worked 309 days and produced 5,959.00 tons of coal.

GEORGE'S CREEK AND BARRELLVILLE COAL COMPANY

Parker Mine

Sheridan Means.....Superintendent and Foreman

Parker Mine is located at Barrellville, working the Bluebaugh seam of coal. Ventilation is produced by a 7-ft. fan, driven by electricity. Drainage is in a lawful condition. This mine is on the C. & P. Railroad.

During the year 1929 this mine was idle.

GEORGE'S CREEK BIG VEIN COAL COMPANY

Bivecol Mine

Ralph Darrow.....Mine Foreman

This mine is on the Western Maryland Railway at Lonaconing and is a drift opening, working the Pittsburgh or Big Vein coal seam. It is developed on the double-entry system. Ventilation is by natural means.

During the year 1929 this mine employed 12 men, worked 250 days and produced 9,695.04 tons of coal.

GEORGE'S CREEK COAL COMPANY, INC.

John R. Hamilton.....Superintendent.
 Robert Todd.....Mine Foreman (Mines 1-4).
 Clarkson Laird.....Mine Foreman (Big Vein and Tyson).
 John D. Robertson.....Mine Foreman (Waynesburg).
 Richard Moffatt.....Mine Foreman (Waynesburg).

Mines Nos. 1 and 4 are located on the west side of George's Creek at Lonaconing on the Western Maryland Railway. They are drift openings, working the Sewickley or Tyson coal seam. They

are equipped with electrically driven fans. The air conditions are very good.

Mine No. 2 working the Tyson and Big Vein coal seams, is located on the east side of George's Creek at Lonaconing on the Western Maryland Railway.

Mine No. 3, working the Waynesburg coal seam, is located on the Western Maryland Railway on the west side of George's Creek. It is a drift opening and is equipped with an electrically driven fan, and the conditions are usually good. This mine is equipped with electric motors and mining machines.

During the year 1929 No. 2 Sewickley Mine employed 20 men, worked 209 days and produced 11,306.00 tons of coal; No. 2 Pittsburgh employed 11 men, worked 109 days and produced 4,982.00 tons of coal; No. 3 Waynesburg employed 6 men, worked 209 days and produced 7,368.00 tons of coal; No. 4 Sewickley employed 59 men, worked 209 days and produced 40,619.00 tons of coal.

GEORGE'S CREEK COAL MINING COMPANY

Mine No. 1

This mine is located at Lonaconing on the Western Maryland Railway, working the Tyson or Sewickley coal seam. It is a drift opening, developed on the double-entry system. Ventilation is produced by electrically driven fans and is found to be in a satisfactory condition.

During the year 1929 this mine was idle.

GEORGE'S CREEK COAL MINING COMPANY

Sonny Mine No. 1

L. F. Gerdetz.....Engineer in Charge of Operations.
 Frank Quinn.....Mine Foreman.
 Ed. G. Atkinson.....Mine Foreman

This mine is located at Lonaconing, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by an electrically driven fan and is conducted to the working faces by doors and stoppings. It is found in a satisfactory condition, no expense being spared to comply with the law. The mine is located on the Western Maryland Railway.

This mine was taken over by the Jackson Big Vein George's Creek Coal Company in October, 1929.

During the period January to September, 1929, this mine employed 155 men, worked 178 days and produced 98,186.09 tons of coal.

J. O. J. GREEN COAL COMPANY

This is an opening in the Bakerstown seam. Ventilation is produced by a fan driven by a gasoline motor. It is a wagon mine and is located about one and one-half miles above Reynolds, above Mill Run.

During the year 1929 this mine was idle.

A. P. HOFFA COAL COMPANY

King Mine

William Hyde.....Mine Foreman.

This mine is on the C. & P. Railroad on the west side of Pekin. It is a drift opening, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by natural means. Drainage is by natural means and ditches. This was formerly known as Pekin Mine and was operated by the Brydon Bros. Coal Corporation. In June 1929 this mine was taken over by the Big Vein Coal Company of Lonaconing, Inc., the name being changed to Pekin Mine.

During the period January to April, 1929, this mine employed 39 men, worked 73 days and produced 5,436.15 tons of coal.

A. P. HOFFA COAL COMPANY

Phoenix Mine

Chester Hyde.....Mine Foreman.

Phoenix Mine No. 2 consists of five openings in the Pittsburgh or Big Vein coal seam and is located on the west side of George's Creek at Lauder on the C. & P. Railroad. Ventilation is by natural means.

During the year 1929 this mine employed 37 men, worked 253 days and produced 22,983.16 tons of coal.

HOPE MINING COMPANY

This mine, formerly operated by the Shaw Coal Company, is an opening in the Bakerstown coal seam, located at Moscow on the C. & P. Railroad. Ventilation is by natural means.

During the year 1929 this mine employed 2 men, worked 92 days and produced 464.00 tons of coal.

HOWARD & MAYBURY COAL COMPANY

Sim Groves.....Mine Foreman.

Kern Mine is a drift opening near Barton in the Bakerstown coal seam, one-half mile above Reynolds on Mill Run. Ventilation is by fan driven by gasoline engine. This is a wagon mine.

During the year 1929 this mine was idle.

JACKSON BIG VEIN GEORGE'S CREEK COAL COMPANY

John L. Casey.....Superintendent
 Frank Quinn.....Mine Foreman
 Henry Connors.....Asst. Foreman

For a description of this mine see Sonny Mine of the George's Creek Coal Mining Company.

During the period October, November and December, 1929, this mine employed 130 men, worked 71 days and produced 37,310.19 tons of coal.

JOHN SMITH & SONS COAL MINES

Smith's Fuel Mine is located at Barton on the Hoffa Bros. tram road. It is a drift opening, working the Bakerstown coal seam. Ventilation is produced by a fan driven by a gasoline motor.

During the year 1929 this mine was idle.

KOONTZ COAL COMPANY

McKee No. 2

Robert Shaw.....Superintendent
 Walter Kallmyer.....Mine Foreman

This mine is located about one mile west of Lonaconing, on the Western Maryland Railway, working the Tyson coal seam. Ventilation is produced by a steam-driven fan. Drainage is by natural means and is found in good condition.

During the year 1929 this mine employed 25 men, worked 249 days and produced 28,202.00 tons of coal.

McDONALD COAL COMPANY

Joseph Shuhart.....Mine Foreman.

Arcadia Mine is an opening in the Bakerstown coal seam, located on the west side of George's Creek, near Barton on the C. &

P. Railroad. Ventilation is produced by a fan driven by an electric motor.

During the year 1929 this mine employed 27 men, worked 178 days and produced 20,688.33 tons of coal.

McKEE & FULLER COAL COMPANY

Henry McKee.....Mine Foreman.

No. 1 Mine is a wagon mine located at Lord, Md. It is a drift opening, working the Pittsburgh coal seam. This mine was opened in June, 1925, and it is expected to reclaim some of the pillar coal left in the first working. This coal is hauled by wagon and trucks to the C. & P. Railroad at Woodland, where it is loaded into railroad cars for shipment.

During the year 1929 this mine employed 8 men, worked 243 days and produced 3,392.00 tons of coal.

McNITT COAL COMPANY

James Jenkins.....Superintendent.
Edward Jenkins.....Mine Foreman

This mine is located at Midlothian on the C. & P. Railroad. It is a slope opening, working the Sewickley or Tyson coal seam. Ventilation is produced by a steam-driven fan.

During the year 1929 this mine employed 67 men, worked 226 days and produced 59,364.00 tons of coal.

MARVA COAL COMPANY

Jos. G. Martin.....Superintendent and Mine Foreman.

Pine Hill Mine is located on the Western Maryland Railway near Lonaconing, on the east side of George's Creek. It consists of a number of openings in the Pittsburgh or Big Vein coal seam. Ventilation is by natural means.

During the year 1929 this mine employed 14 men, worked 149 days and produced 9,850.15 tons of coal.

MARYLAND COAL COMPANY

L. Burton Stevens.....Superintendent
Felix Foot.....Mine Foreman.
Harold Morgan.....Asst. Foreman.

The Big Vein and Tyson Mines of this Company are located on the Western Maryland Railway on the west side of George's Creek,

at Lonaconing. Mine No. 1 is a drift opening, working the Tyson coal seam and is developed on the double-entry system.

Mine No. 2 is a drift opening, working the Pittsburgh or Big Vein coal seam. The roof is good and timbering well looked after. Ventilation is produced by electrically driven fans. Drainage is difficult, but is kept in a lawful condition by means of ditches and pumps.

During the year 1929 the Big Vein Mine employed 133 men, worked 229 days and produced 141,033.07 tons of coal. The Tyson Mine was idle.

METZ BROS. COAL COMPANY

Walter J. Metz.....Mine Foreman.

This mine is located near Barton on the east side of George's Creek, working the Bakerstown coal seam.

During the year 1929 this mine was idle.

MIDLOTHIAN COAL COMPANY

John Fatkin.....Superintendent
George Tennant.....Mine Foreman

This Company's Mines are located on the C. & P. Railroad at Midlothian about two miles west of Frostburg. The mine consists of five drift openings, working the Tyson coal seam. Ventilation is produced by natural means.

During the year 1929 this mine employed 19 men, worked 235 days and produced 10,051.09 tons of coal.

MOSCOW-GEORGE'S CREEK COAL COMPANY

Edward R. Brennan.....Mine Foreman, No. 3.
Carson Thomas.....Mine Foreman, Nos. 1 and 2.

These mines are located near Barton on the west side of George's Creek. They are drift openings, working the Pittsburgh or Big Vein and Bakerstown coal seams. Ventilation in the Bakerstown Mine is produced by a fan driven by electric motor. In the Pittsburgh or Big Vein Mine it is produced by natural means.

During the year 1929 No. 1 Mine employed 4 men, worked 68 days and produced 1,144.12 tons of coal; Mine No. 2 employed 11 men, worked 195 days and produced 7,495.00 tons of coal; Mine No. 3 employed 9 men, worked 108 days and produced 2,462.03 tons of coal.

MOUNT SAVAGE FUEL COMPANY

John Carter.....Mine Foreman.

This mine is located at Mt. Savage and is a drift opening on the C. & P. Railroad, working the Brush Creek or Rock seam, and is developed on the double-entry system. Ventilation is produced by an electrically driven fan.

During the year 1929 this mine employed 14 men, worked 238 days and produced 6,811.00 tons of coal.

MT. SAVAGE AND GEORGE'S CREEK COAL COMPANY

H. B. Avery.....Mine Foreman
William Eisel.....Asst. Foreman
Melvin Reed.....Asst. Foreman

Mine No. 1 is located at George's Creek Village on the main line of the C. & P. Railroad. It is a drift opening, working the Brookville or Bluebaugh coal seam. Ventilation is produced by an electrically driven fan located at a shaft 204 feet deep.

During the year 1929 this mine was idle.

MT. SAVAGE INDEPENDENT FUEL MINES

Melvin Reed.....Mine Foreman
D. A. Martin.....Mine Foreman

This mine is located about one mile east of Mt. Savage on the C. & P. Railroad. It is a drift opening, working the Bakerstown coal seam.

During the year 1929 this mine employed 7 men, worked 178 days and produced 2,390.06 tons of coal.

MT. SAVAGE MINING COMPANY

B. H. Biays.....Superintendent.
Jos. Jenkins.....Mine Foreman.

Liberty Mine is located at Mt. Savage on the C. & P. Railroad. It is a drift opening, working the Maynadier coal seam. Ventilation is produced by an electrically driven fan.

During the year 1929 this mine employed 39 men, worked 248 days and produced 33,149.17 tons of coal.

OLD COLONY COAL COMPANY

Nos. 1 and 2 Mines are located at Moscow. They are drift openings, working the Bakerstown coal seam. Ventilation is produced by a fan driven by an electric motor.

During the year 1929 this mine was idle.

PIEDMONT & GEORGE'S CREEK COAL COMPANY

Bowery Furnace No. 2

Harry Hitchins.....	Superintendent.
succeeded by	
Philip Hartig, Jr.....	Superintendent
Oscar Huber.....	Asst. Mine Foreman.
James Taylor, Sr.....	Asst. Mine Foreman

This mine is located at Midlothian on the C. & P. Railroad, working the Tyson seam of coal. It is developed on the double-entry system and is kept in a lawful condition. Ventilation is produced by an electrically driven fan.

During the year 1929 this mine employed 120 men, worked 272 days and produced 83,892.00 tons of coal.

PIEDMONT & GEORGE'S CREEK COAL COMPANY

Washington No. 1

J. A. Cosgrove.....	Superintendent.
J. J. Kenney.....	Mine Foreman.

This mine is located on the west side of George's Creek near Franklin on the C. & P. Railroad. It is a drift opening, working the Lower Kittanning seam of coal and is developed on the double-entry system. Ventilation is produced by an electrically driven fan. Drainage is by means of pumps and is kept in a lawful condition.

During the year 1929 this mine employed 11 men, worked 69 days and produced 1,770.00 tons of coal.

PIEDMONT & GEORGE'S CREEK COAL COMPANY

Washington No. 5

J. A. Cosgrove.....	Superintendent.
John Wallace.....	Mine Foreman.

This mine is located near Franklin on the C. & P. Railroad. It is a drift opening, working the Bakerstown coal seam, and developed

on the double-entry system. Ventilation is produced by an electrically driven fan.

During the year 1929 this mine employed 36 men, worked 215 days and produced 29,502.00 tons of coal.

O. T. PORTER COAL COMPANY

Oliver T. Porter.....Mine Foreman.

This mine is located near Barton and is a wagon mine, supplying domestic trade. It is a drift opening, working the Bakerstown coal seam. Ventilation is produced by natural means.

During the year 1929 this mine employed 1 man, worked 112 days and produced 546.04 tons of coal.

PORTER & KREITZBURG COAL COMPANY

Porter Mine

Marshall Porter.....Mine Foreman.

This mine is located about one mile east of Eckhart Mines and is a wagon mine, supplying domestic trade. It is a drift opening working the Pittsburgh or Big Vein coal seam. Ventilation is by natural means.

During the year 1929 this mine employed 2 men, worked 87 days and produced 741.00 tons of coal.

R. C. ROBERTS COAL COMPANY

R. C. Roberts.....Superintendent.
Harry Wilson.....Mine Foreman

Roberts No. 1 is a wagon mine located one-half mile northeast of Westernport. It is a drift opening, operating in the Bakerstown coal seam. Ventilation is furnished by a fan driven by gasoline engine and found to be satisfactory.

Roberts No. 2 Mine is a wagon mine located one mile northeast of Westernport. It is a drift opening, operating in the Bakerstown coal seam. Ventilation is provided by a fan driven by gasoline engine and found to be satisfactory.

During the year 1929 No. 1 mine employed 8 men, worked 287 days and produced 6,461.00 tons of coal; Mine No. 2 employed 4 men, worked 76 days and produced 1,153.00 tons of coal.

ROBERT GRIFFITH

This is known as the New Griffith Mine, the Borden Mine having been abandoned during the year 1925, due to encountering faults. It is a wagon mine, and is located about one mile east of Frostburg. It is a drift opening, working the Tyson coal seam.

During the year 1929 this mine employed 2 men, worked 301 days and produced 1,322.00 tons of coal.

C. W. ROSS COAL MINE

Speir Mine is a wagon mine located on the east side of George's Creek at Barton. It is a drift opening, working the Bakerstown coal seam. Ventilation is produced by a fan driven by gasoline motor and is found to be in a very satisfactory condition.

During the year 1929 this mine employed 2 men, worked 88 days and produced 403.00 tons of coal.

SCHRAMM & DAVIS COAL COMPANY

The Potomac Mine is located on the Hoffa Bros. tram road near Barton. It is a drift opening, working the Bakerstown coal seam. Ventilation is produced by an electrically driven fan and drainage is by natural means.

During the year 1929 this mine was idle.

SOLOMON BRODE FUEL MINE

Brode Mine is a wagon mine located on the western edge of Frostburg. It is a drift opening in the Pittsburgh coal seam. It is a small mine and coal is sold to domestic trade. Ventilation is by natural means.

During the year 1929 this mine was idle.

STANTON & GEORGE'S CREEK COAL COMPANY

Marshall Stanton.....Mine Foreman.

Stanton's Mine is located on the Eckhart Branch of the C. & P. Railroad, on the west side of Braddock's Run, one mile south of Clarysville, along the Old National Road. It is a drift opening, working the Kittanning seam of coal. Ventilation is produced by natural means.

During the year 1929 this mine employed 6 men, worked 99 days and produced 1,483.02 tons of coal.

SULLIVAN BROS. COAL COMPANY

John SullivanSuperintendent.
 Bernard B. Byrnes.....Mine Foreman.

Sullivan No. 1 Mine is located near Eckhart on the Eckhart Branch of the C. & P. Railroad. It is a drift opening, working the Upper Sewickley, better known as the Tyson coal seam, and also the Big Vein Coal seam. This mine is developed on the double-entry system. Ventilation is produced by an electrically driven fan and is conducted to the working faces by doors and brattices.

Sullivan Mine No. 3 is located on the Eckhart Branch of the C. & P. Railroad at Clarysville, about three miles east of Frostburg. It is a slope opening and in the Kittanning coal seam. Ventilation is produced by an electrically driven fan.

During the year 1929 No. 3 mine employed 66 men, worked 319 days and produced 52,035.13 tons of coal.

SUPPLY COAL COMPANY

P. H. Gallagher.....Mine Foreman
 George W. Frenzel.....Mine Foreman

This is a small wagon mine located at Barton on the Potomac tram road. It is a drift opening working the Bakerstown coal seam. Ventilation is by natural means.

During the year 1929 this mine employed 3 men, worked 68 days and produced 571.00 tons of coal.

UNION MINING COMPANY

Black Hills Mine

Joseph FinzelSuperintendent.
 Albert Deffenbaugh.....Mine Foreman

This mine is located at Mt. Savage, and is on the C. & P. Railroad. It is a drift opening and ventilation is produced by an electrically driven fan conducted to the working faces by doors and stoppings. The coal seam is unknown.

During the year 1929 this mine employed 54 men, worked 244 days and produced 25,349.16 tons of coal.

UNITED BIG VEIN COAL COMPANY

This mine is located west of Mt. Savage on the C. & P. Railroad. It consists of two drift openings, working the Pittsburgh or Big

Vein coal seam. It is developed on the double-entry system. Ventilation is produced by an electrically driven fan. Drainage is kept in a lawful condition by natural means and ditches.

During the year 1929 this mine was idle.

VINCENT ENGLE & SONS COAL COMPANY

Vincent Engle.....Mine Foreman.

This is a wagon mine located about one mile east of Eckhart. It is a drift opening, working the Big Vein coal seam.

During the year 1929 this mine employed 2 men, worked 2 days and produced 19.00 tons of coal.

WILLIAM H. BARNES FUEL MINE

Barnes Fuel Mine is located at Midlothian and is a wagon mine. It is a drift opening in the Pittsburgh coal seam. Ventilation is by natural means and the coal is sold to domestic trade. The mine was not worked for several years until 1924 when the outcrop was mined.

During the year 1929 this mine employed 2 men, worked 211 days and produced 527.00 tons of coal.

WORKMAN COAL COMPANY

C. O. Workman.....Mine Foreman.

This is a wagon mine located one mile north of Frostburg. It is a drift opening working the Pittsburgh or Big Vein coal seam. Ventilation is by natural means.

During the year 1929 this mine employed 4 men, worked 271 days and produced 3,301.00 tons of coal.

**DESCRIPTION OF FIRE CLAY MINES IN ALLEGANY COUNTY
CALENDAR YEAR 1929**

THE ANDREW RAMSEY COMPANY

Henry Lowery.....Mine Foreman.

Ellerslie Mine is located about two miles southwest of Ellerslie and is a drift opening working the fire clay seam. Ventilation is by natural means. The mine is located on the Baltimore and Ohio Railroad.

During the year 1929 this mine was idle.

BIG SAVAGE FIRE BRICK COMPANY

Clarence Raley.....Mine Foreman.

These mines are located on the Big Savage Mountain about three miles northwest of Frostburg. It is a drift opening, working the fire clay seam. Ventilation is produced by natural means.

During the year 1929 these mines employed 15 men, worked 287 days and produced 11,346.19 tons of fire clay.

SAVAGE MOUNTAIN FIRE BRICK COMPANY

G. A. Shuckhart.....Superintendent.
Charles Wolfe.....Mine Foreman.

This mine is located about three miles northwest of Frostburg. It is a drift opening, working the fire clay seam. Ventilation is by natural means.

During the year 1929 this mine employed 18 men, worked 247 days and produced 12,300.10 tons of fire clay.

UNION MINING COMPANY

Joseph Finzel.....Superintendent.
William Werner.....Mine Foreman
William Baker.....Mine Foreman.

This Company's fire clay mines are located about three miles west of Mt. Savage on the Savage Mountain. They are drift openings, working the fire clay seam. Ventilation is produced by a fan.

During the year 1929, Opening No. 6 employed 95 men, worked 297 days and produced 44,967.15 tons of fire clay; Opening No. 7 employed 18 men, worked 291 days and produced 9,420.01 tons of fire clay; Opening No. 1 employed 9 men, worked 13 days and produced 292.10 tons of fire clay; Opening No. 3 employed 21 men, worked 285 days and produced 10,391.05 tons of fire clay.

**DESCRIPTION OF MINES IN GARRETT COUNTY
CALENDAR YEAR 1929**

G. J. ALSTETTER

This is a wagon mine located about two miles northwest of Oakland, Md., and known as the Fickey Mine, working the Sharon seam of coal. Ventilation is by natural means.

During the year 1929 this mine was idle.

BIG VEIN COAL COMPANY OF LONACONING, INC.

Georgian Mine

J. T. Jordan.....Mine Foreman.

This mine is located about one mile west of Gorman, Md. It is a drift opening, working the Freeport coal seam. Ventilation is produced by a fan driven by an electric motor.

During the year 1929 this mine employed 23 men, worked 187 days and produced 15,066.13 tons of coal.

CASS COAL COMPANY

Cass Mines Nos. 1 and 2 are openings in the Upper Freeport seam located near Crellin on the Kendall Branch Railway. Ventilation is by natural means.

During the year 1929 this mine was idle.

DAVIS COAL AND COKE COMPANY

Kempton No. 42

J. R. Hubbs.....Superintendent.
Robert Gibbs.....Mine Foreman.
E. Grant King.....Fire Boss.
Albert King.....Fire Boss.
Mike Morris.....Fire Boss.

This mine is located at Kempton. It is a shaft opening, working the Lower Kittanning coal seam. Ventilation is produced by an approved fan driven by an electric motor. Drainage is kept in a lawful condition by means of pumps.

During the year 1929 this mine employed 180 men, worked 248.3 days and produced 207,901.00 tons of coal.

ELLIS ARTICE COMPANY

This mine was formerly known as the Ryland Coal Company. It is a wagon mine located at Friendsville, Md., and is a drift opening, operating the B-seam of coal.

During the year 1929 this mine produced 303.17 tons of coal.

EZRA MICHAELS COAL COMPANY

Ezra Michaels.....Mine Foreman.

This is a wagon mine opening in the Bakerstown coal seam, located about one and one-half miles above Reynolds on Mill Run. Ventilation is produced by a fan driven by a gasoline motor.

During the year 1929 this mine employed 2 men, worked 88 days and produced 526.00 tons of coal.

GEORGE E. SLOAN FUEL MINE

This mine is located near McHenry, Md. It is a drift opening working the Kittanning seam. Ventilation is by natural means.

During the year 1929 this mine was idle.

HAMILL COAL & COKE COMPANY

J. J. Walker.....Mine Foreman (Kittanning Mine).

W. D. Walker...Asst. Foreman (Kittanning Mine)

Charles Jones.....Mine Foreman (Freeport Mine).

These mines are located about one mile south of Kitzmiller on the main line of the Western Maryland Railway Company. They consist of two openings working the Kittanning and Freeport coal seams. Ventilation is produced by a fan.

During the year 1929 the Freeport Mine employed 45 men, worked 222 days and produced 32,435.00 tons of coal; the Kittanning Mine employed 74 men, worked 222 days and produced 59,696.00 tons of coal.

W. O. HOUCK COAL COMPANY

W. O. Houck.....Superintendent

Mines Nos. 1 and 2 are located about one mile west of Jennings on the Jennings Branch Railroad, working the Bakerstown and Upper Freeport coal seams. These mines were formerly known as the Morgart Coal Mining Company. Ventilation is produced by

fans driven by gasoline motors and is found in a satisfactory condition.

During the year 1929 Mine No. 1 employed 22 men, worked 121 days and produced 7,619.08 tons of coal; Mine No. 2 employed 4 men, worked 18 days and produced 200.00 tons of coal.

McCULLOUGH COAL CORPORATION

Daniel Sisler.....Superintendent and Mine Foreman.

McCullough Mine is located at Friendsville on the Kendall Branch of the Baltimore and Ohio Railroad. It is a drift opening working the C-Prime Coal seam. Ventilation is produced by an electrically driven fan and is conducted to the working faces by doors, stoppings and overcasts, and is usually in very good condition.

During the year 1929 this mine employed 31 men, worked 227 days and produced 34,913.00 tons of coal.

MANOR COAL COMPANY

Mine No. 1

Wm. Crichton.....	Superintendent
R. H. Yokum.....	Asst. Superintendent
G. W. Pritts.....	Mine Foreman
T. O. Tasker.....	Asst. Foreman

This mine is located at Vindex on the Chaffe Road, about three miles east of Kitzmiller. It is a drift opening, working the Kittanning coal seam. Ventilation is by an electrically driven fan.

During the year 1929 this mine employed 118 men, worked 289½ days and produced 135,017.00 tons of coal.

MANOR COAL COMPANY

Mine No. 2

This mine is located at Vindex on the Chaffee Branch Road, about three miles east of Kitzmiller. It is a drift opening, working the Clarion seam. Ventilation is produced by an electrically driven fan.

During the year 1929 this mine was idle.

THE MARTIN COMPANY

• Martin Mine

John Soloman.....Mine Foreman

This is a fuel mine working the Kittanning coal seam and is located on the Northwestern Turnpike about one mile from Table Rock. It is a drift opening and the ventilation is by natural means.

During the year 1929 this mine employed 1 man, worked 43 days and produced 213.00 tons of coal.

MELVIN WEIMER

This is a small wagon mine located near Oakland. It is a drift opening working the Lower Freeport coal seam. Ventilation is by natural means. The coal is mined for domestic use.

During the year 1929 this mine employed 3 men, worked 87 days and produced 709.00 tons of coal.

MILLER & COLLINS

This is an opening located about three miles west of Oakland and was formerly known as the A. G. Shrout Mine. Ventilation is by natural means. It is a fuel mine and the coal is delivered by wagon.

During the year 1929 this mine was idle.

MYERS COAL COMPANY

Norman Patton.....Mine Foreman.

J. A. Beachy.....Mine Foreman.

Beachy Mine is a small mine located about one-half mile west of Grantsville. It is a drift opening working the C-Prime coal seam. Ventilation is by natural means and complies with the law.

During the year 1929 this mine employed 7 men, worked 193 days and produced 5,546.00 tons of coal.

G. C. PATTISON

Pattison Mines Nos. 1 and 2 are drift openings in the Bakers-town and Kittanning coal seams, located near Bloomington on the main line of the Baltimore and Ohio Railroad Company. Ventilation is by natural means.

During the year 1929 this mine was idle.

PENDERGAST & ASHBY

Mines No. 2 and 3 are located near Crellin on the Kendall Branch Railroad. It is a drift opening, working the Lower Kittanning coal seam. Ventilation is produced by a fan driven by a gasoline motor, and is found in a very satisfactory condition.

During the year 1929 this mine was idle.

PENN-MARYLAND COLLIERIES, INC.

W. R. Eisel.....Mine Foreman

Nethkin Mine is a drift opening in the Freeport coal seam located one-half mile east of Bayard, W. Va., and is developed on the double-entry system. Ventilation is produced by a fan driven by gasoline motor. This mine was originally known as the McKanwig Coal Company, after which it became known as Cutchall and Gates and finally by the above name.

During the year 1929 this mine employed 36 men, worked 41 days and produced 4,178.08 tons of coal.

R. J. ROSS COAL MINES, INC.

L. R. Kight.....Superintendent
Luther Evans.....Mine Foreman.

This mine is located near Bloomington on a branch of the Western Maryland Railway. It is a drift opening, working the Bakers-town coal seam. Ventilation is produced by a fan driven by an electric motor.

During the year 1929 this mine employed 120 men, worked 274 days and produced 112,580.18 tons of coal.

SHALLMAR MINING CORPORATION

Howard Marshall.....Superintendent.
J. B. James.....Mine Foreman.
G. D. Parrish.....Assistant Mine Foreman.
Roy Sowers.....Assistant Mine Foreman.

Wolf Den Mine is located at Shallmar on the Western Maryland Railway. It is a drift opening working the Upper and Lower Kittanning coal seams. Ventilation is produced by a large fan driven by a steam engine. Drainage and timbering are well looked after. The general condition of the mine is good.

During the year 1929 this mine employed 126 men, worked 281 days and produced 174,040.10 tons of coal.

STANDARD COAL COMPANY

Standard No. 1 is a drift opening in the Clarion seam, located on the Chaffee Branch Railroad, one mile east of Chaffee. Ventilation is produced by a fan driven by a gasoline motor.

During the year 1929 this mine was idle.

YOUGH COAL COMPANY

Yough No. 1 Mine is a drift opening operating in the Clarion seam, located near Crellin on the Kendall Railway. Ventilation is produced by a fan driven by a gasoline engine.

During the year 1929 this mine was idle.

SAFETY ORDERS

Allegany County

One Safety Order was issued requiring electric wires in the mine to be placed in proper condition, the haulage trips to be provided with trip lamps, and the building over the pit mouth to be removed, the work to be completed within three weeks. The Safety Order was complied with.

A Safety Order was issued following a joint inspection by the District Mine Inspectors of Allegany and Garrett Counties, requiring trip lights to be provided at once, a certified fire boss to be employed, a man-way to be provided, a record book furnished by the company to be kept by the superintendent, First-aid equipment to be provided and a proper place set aside in which to keep this equipment.

PROSECUTIONS

Allegany County Inspection District

Three mine employes were fined for riding upon loaded mine cars contrary to the Mining Law. The motormen and brakemen of the two trips were likewise fined for permitting the men to so ride.

Garrett County Inspection District

A superintendent was fined the costs in the case (\$1.25) for operating a mine with the fan idle.

One man was fined \$1.00 and costs for riding a loaded trip on an incline place.

A man was fined \$5.00 and costs for having a keg of powder in the mine.

Two men were brought to trial for failure to set sufficient timber in their working places in accordance with regulations prepared by the Bureau under the State Mining Law. The case was dismissed by the Justice of the Peace on the grounds that the Inspector was not present in the working place when the offence was committed.

Two men were arrested and brought to trial for having a full keg of powder at the working face but conviction was not obtained as the men testified that the powder did not belong to them, and the superintendent testified that the company had never sold these men any powder. The case was dropped.

ADOPTION OF REGULATIONS

There are a number of Sections in the Maryland Mining Law which require the Bureau to prepare regulations supplementing the statute Mining Law. In the six years that the law had been in force it developed that a number of safety regulations were needed to supplement the statute law. Accordingly on December 13th and 14th, 1928, hearings of miners and operators and others interested were held at Frostburg and Westernport, Maryland, at which hearings there was the freest and fullest discussion permitted by all those present of the tentative regulations, which had been prepared by the Bureau and submitted for the consideration of the assemblage.

As a result of these hearings the following regulations, approved March 13, 1929, were prepared and promulgated and have since been in effect.

REGULATIONS

SUPPLEMENTING THE MARYLAND MINE LAW RELATIVE TO PRE-CAUTIONS TO BE TAKEN TO AVOID ACCIDENTS FROM FALLS OF ROOF AND SIDES, EXPLOSIVES, ELECTRICITY, AND HAULAGE

As Provided for in Section 23, Chapter II, Maryland Mine Law,
Approved April 13, 1922, and Effective October 1, 1922.
Hearings Held December 13 and 14, 1928.

1. The purpose of an inspection of a mine by an official is to determine if the law and the mine regulations are being fulfilled and if there are any unsafe conditions present.
In every mine, subject to the provisions of the Maryland Mine Law, an inspection of each active working face shall be made at least once during each shift that the mine is in operation, either by the mine foreman or by his assistant, and such additional inspections shall be made during each working shift as will assure the mine foreman that the workman at the face is not working under any dangerous conditions.
2. (a) The mine foreman, or his assistant, shall, on his first visit to each working place on each shift, leave some visible evidence of his having visited the working face on the working face, roof or timber at or near the face.
(b) This evidence shall be chalk marks giving the date of the month and the initial of the foreman making the inspection in such form as is approved in writing by the Chief Mine Engineer of the Maryland Bureau of Mines.
3. In the Six Foot Seam, or other seams having similar middle bands or where the roof is brushed for height, sufficient props shall be provided and set to properly support the above stratum to insure the safety of the men working thereunder and this timbering must be done while removing the coal.

4. Each miner shall be equipped with a sharp axe and a hand-saw in good workable condition.
5. (a) Mine foremen are required to report to the District Mine Inspector any failure of the miners to timber their working places properly.
(b) Miners and mine employes are required to report to the mine foreman or to the District Mine Inspector any defective roof or sides conditions which may come to their attention.
6. Miners and mine employes are required to notify the District Mine Inspectors of the failure to receive proper timber after such supplies have been requested.

ELECTRICAL HAULAGE REGULATIONS

To The Brakeman

1. Coupling the trip while it is in motion is prohibited.
2. Always be sure that sufficient brakes are set to keep the trip under control when going down grade.
3. Getting on or off a moving trip is prohibited unless it is absolutely necessary.
4. Taking hold of the trolley wire to lift it from the trip, in the event it should be torn down, without first having pulled the cut-out switch for that section, is prohibited, except in emergency cases.
5. Be sure that your trip lamp is in good condition at all times and that it is in use and properly attached to the trip.
6. Never crawl between the top of a loaded trip and the trolley wire.

To The Motorman

1. Starting the trip without having received the proper go-ahead signal from your brakeman is prohibited.
2. Hauling a larger trip than you can keep under control is prohibited.
3. Getting on or off your locomotive while it is in motion is prohibited unless such action is absolutely necessary to preserve life or limb.
4. All persons are prohibited from riding on the top or on the front of your locomotive. The District Mine Inspectors are authorized by the Maryland Bureau of Mines to make exceptions to this regulation in writing.
5. Pulling a trip from the butt heading on to the main heading without first seeing that the road is clear is prohibited.
6. Hauling a man trip at a speed greater than six miles per hour, or starting the same until you are sure that the men are all safely in the trip, is prohibited.
7. Men are prohibited from riding in a man-trip under the wire side.
8. Attempting to repair a locomotive while the power is on same is prohibited.

To the Wireman or Lineman

1. Attempting to repair the trolley wire without first making sure that the power is cut off and the switch lock open is prohibited.
2. Hanging a cut-out switch with the blade on the hot side is prohibited; always hang such switch so that the blade will be on the dead wire when the switch is pulled.
3. Be sure that the trolley wire is properly guarded at crossings; the guards shall extend 1-inch below the wire on either side with a clearance of 2½ inches on either side of the wire on a straight track, or a width of 5 inches between boards, except on a curve where it is necessary to have an 8-inch width, except when the voltage is above 300 D. C., and all alternating currents of any voltages which will require a 2-inch depth below the wire.

4. Hanging wire on defective insulators is prohibited.
5. Spacing insulators more than 30-ft. apart on a straight track or more than 10-ft. apart on a curve, is prohibited.
6. Hanging wires from overcasts constructed of combustible material is prohibited.

TIMBERING REGULATIONS

1. In coal seams other than the Big Vein, there shall be placed a centre prop with a 15-inch cap piece in the road-head in front of the mine car nearest the working face. This shall be done where conditions require it.
2. No swinging bars shall be permitted in mines working the Big Vein. A swinging-bar is a cross bar with only one prop or leg under one end of it. This rule shall prevail regardless of whether or not the other end is hitched in the coal. The exception to this rule would be when the other end is hitched in solid rock, which is never the case in the Big Vein. (The cross-bar over the road-head takes the place of the centre prop in Big Vein work. We do not have swinging bars elsewhere than in the Big Vein seam.)

EXPLOSIVE REGULATIONS

1. Safety fuse shall be of such length that when the primer cartridge is tamped in the hole, the fuse will extend beyond the collar of the hole at least three (3) inches.
2. Mixed charges of explosives shall not be fired. By "mixed charges" is meant the use of two or more different kinds of explosives in the same drill hole.
3. All shots or charges shall be tamped to the mouth of the hole, except when air spacing, acceptable to the Chief Mine Engineer of the Maryland Bureau of Mines and to the District Mine Inspector, is employed.
4. In mines classed as gaseous coal shall not be used for tamping. Tamping shall be of some incombustible material; moist clay is recommended.
5. Before lighting safety fuse or squib, or before operating any electrical shot firing device, the person or persons lighting the fuse or squib, or operating the electrical shot-firing device, shall take precautions to see that no persons are within dangerous proximity to the blast and that all persons in the vicinity of the shot are notified that a shot or blast is about to be fired. Warning shall be given by the person or persons lighting the fuse or squib or operating the electrical shot-firing device, shouting "Fire" at least one minute before the fuse or squib is lighted, or the electrical shot-firing device is operated.
6. (a) When safety fuse is used and the shot misses fire, there shall be no return to that face for at least eight (8) hours, and the person lighting the fuse or squib shall, before leaving the working place where the missed shot is located, place some standard danger signal approved by the District Mine Inspector and the Chief Mine Engineer of the Maryland Bureau of Mines, to prevent any person or persons from entering therein.
(b) When electrical firing is used and the shot misses fire, there shall be no return to the shot for a period of five minutes after the electrical shot-firing device has been operated.
(c) If squibs are used the person or persons lighting them shall not return to the face until ten (10) minutes have elapsed after the squib has been lighted.
(d) The lighting of several squibs or fuses, or the firing of more than one shot electrically, at one time, and the firing of several shots in rapid succession is expressly prohibited.

7. Explosives and detonators or caps and explosives and electrical detonators shall not be carried in the same container but shall be carried separately in containers which are approved non-conductors of electricity.
8. (a) No person shall take into the mine workings a greater quantity of explosive than in the judgment of the Chief Mine Engineer of the Maryland Bureau of Mines and of the District Mine Inspector is necessary for one day's work.
(b) No explosive shall be taken into the mine workings in the original container.

CHECKING IN AND OUT OF MINES

All mines which come within the jurisdiction of the State Mine Inspection Law and the regulations thereof shall provide a system of checking in and out all persons entering and leaving the mine during the working hours of the mine, and at the end of each shift the mine foreman or other designated official shall consult the checking system to determine if any person or persons have failed to indicate their return from the mine, and shall take proper action if any persons or persons are still within the mine workings.

The system of checking shall be prescribed or approved by the Chief Mine Engineer of the Maryland Bureau of Mines.

Approved March 13, 1929.

J. J. RUTLEDGE,
Chief Mine Engineer,
MARYLAND BUREAU OF MINES.

There have since been several prosecutions under some of these regulations, notably for carrying full kegs of black powder into the mine workings, and for failure to timber the working place properly in accordance with the regulations.

RESULTS OF EXAMINATIONS FOR MINE FOREMEN AND FIRE BOSSES

Frostburg, Md., August 25-26, 1929

Awarded First-Class Certificate of Competency:

424—King, Albert Dayton.....	Kempton, Md.
426—Morris, Mike.....	Kempton, Md.
436—Guy, Joseph P.....	Westernport, Md.

Awarded Second-Class Certificate of Competency:

418—Brodie, Andrew Strange.....	Frostburg, Md.
419—Cesnick, John Joseph.....	Frostburg, Md.
420—Elliott, Robert William.....	Westernport, Md.
421—Faherty, M. A.....	Westernport, Md.
422—Kenney, Aloysius I.....	Frostburg, Md.
423—Kergan, Robert H.....	Frostburg, Md.
427—Paterson, Adam Gibb.....	Frostburg, Md.
428—Robertson, Joseph H.....	Barton, Md.
429—Shockey, James Edward.....	Lonaconing, Md.
431—Sowers, Roy Correll.....	Kitzmilller, Md.
432—Crowe, George Henry.....	Barton, Md.
433—Darrow, Charles Ralph.....	Lonaconing, Md.
435—Martin, Joseph Gardner.....	Lonaconing, Md.
437—Carter, John Owen.....	Mt. Savage, Md.

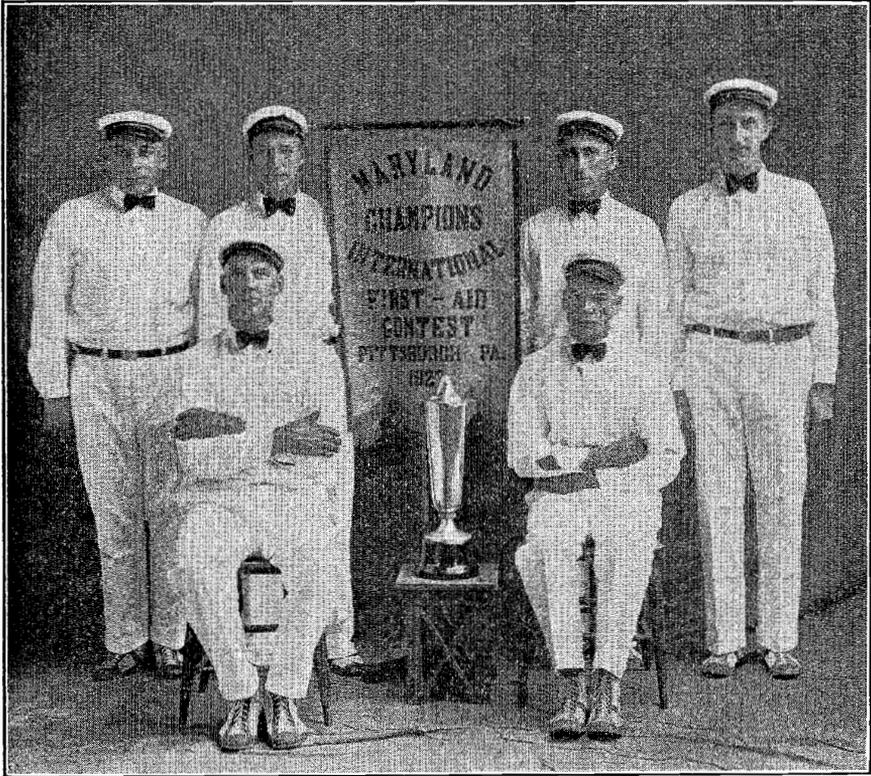
FIRST AID AND MINE RESCUE

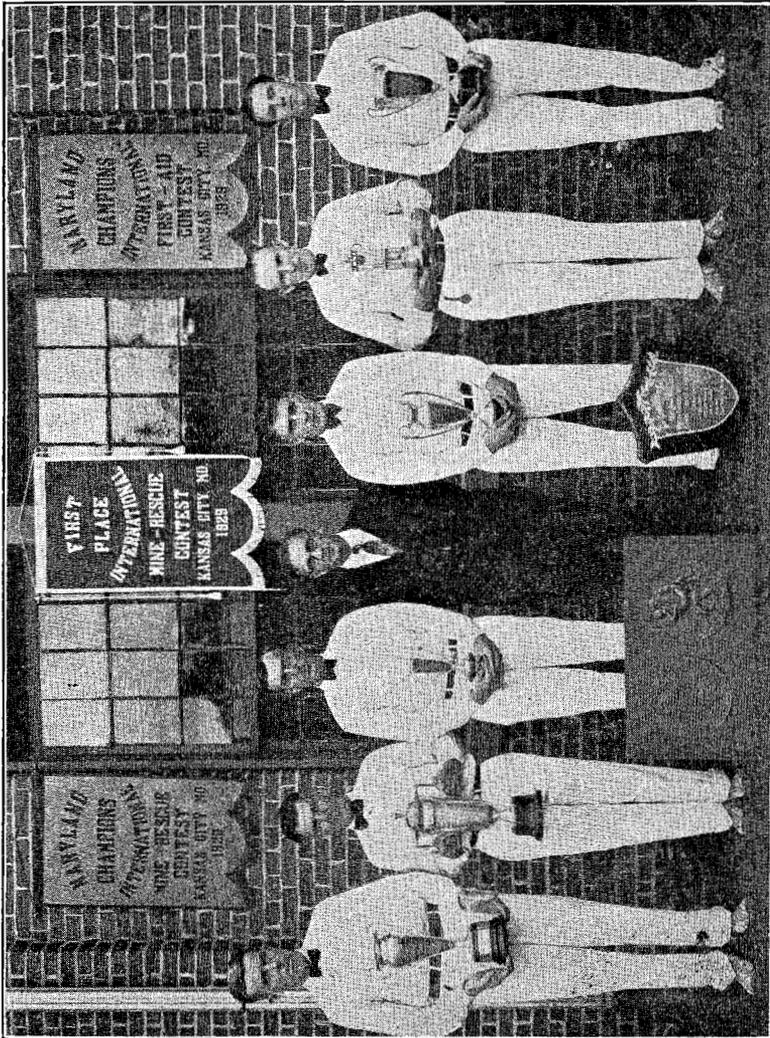
The Bureau continued to encourage training in Mine Rescue and First-aid. The Assistant Vocational Mining Instructor, Robert D. Ewing, conducted one class in First-aid to the injured during the entire calendar year, 1929. This was in addition to his other work of teaching the Night Mining Classes.

The Consolidation Coal Company under the supervision of Mr. W. J. Wolf, Division Manager, Maryland Division, put on a campaign in the summer of 1929 looking to 100 per cent training in his working force in First-aid. Over 800 men, practically all of the employes of the Maryland Division of The Consolidation Coal Company, were given instruction in First Aid.

Mr. E. E. Quenon, First-aid Miner, U. S. Bureau of Mines, was detailed to give instructions in First-aid among other employes than those of The Consolidation Coal Company. Later on Mr. Harry Burdelsky, Foreman Miner, U. S. Bureau of Mines, gave instruction in First-aid to the injured, especially in team practice, in preparation for State and International contests.

On June 7, 1929, The Consolidation Coal Company, Maryland Division, held their Intra-Company contest in First Aid, at which time the Ocean Team won the first prize. This team afterwards competed with the other teams of this Company from eastern and





central Kentucky, Northern and Southern West Virginia and from the Pennsylvania Divisions.

The Ocean Team of The Consolidation Coal Company, Midland, Md., was awarded the first prize in First Aid at the Interstate Contest of this Company at Fairmount, W. Va., on June 29th, 1929. Mr. Lloyd Shaffer and Mr. John H. Zorn, both of The Consolidation Coal Company, Safety Department, gave instruction to the Midland team in First-aid and Mine Rescue.

SECOND ANNUAL STATE FIRST AID CONTEST

The Second Annual State First Aid Contest was held in the auditorium of the Beall High School, Frostburg, Maryland, on Saturday, August 3, 1929, 25 teams competing.

The first prize was won by a team from the Fire Clay Mine of the Union Mining Company, Finzel, Garrett County; the second prize by a team from Mine No. 17, The Consolidation Coal Company, Lord, Allegany County; the third prize by the First-aid team of Mine No. 10, The Consolidation Coal Company, Eckhart, Allegany County; the fourth prize by a team from Mine No. 42 of The Davis Coal and Coke Company, Kempton, Garrett County.

On September 12th, 13th and 14th, 1929, the Finzel First-aid team and the Combination First-aid and Mine Rescue team of The Consolidation Coal Company from Ocean Mine, Midland, Md., competed in the International First-aid and Mine Rescue Contest at Kansas City, Missouri. The Ocean Team won the prize for Mine Rescue excellence. This was a remarkable achievement since this team met finely trained team winners of State contests in other parts of the country, and moreover this team had only received slightly over one month's training in Mine Rescue apparatus and entered the contest as a combined First Aid and Mine Rescue team.

REPORT OF THE NIGHT CLASSES IN MINING
For the Period October 1st, 1928, to May 24th, 1929

By L. C. HUTSON,
 Vocational Mining Instructor.

Organization and Schedule

The classes were organized and conducted at the following points, beginning October 1, 1928, and closing May 24, 1929:

Monday night.....	Finzel
Tuesday night.....	Crellin
Wednesday night.....	Westernport
Thursday night.....	Barton
Friday night.....	Frostburg

The above schedule was maintained for a period of thirty-two (32) weeks, exclusive of holidays. Of the above classes, Finzel, Crellin and Westernport were designated as elementary classes and the classes at Barton and Frostburg were termed advanced classes.

Subjects

The subjects taught were as follows:

Mine Gases
 Timbering
 Ventilation
 Map Reading
 Maryland Mine Law
 Mine Management

Enrollment

Finzel	20
Crellin	19
Westernport	43
Barton	25
Frostburg	30
Total enrollment.....	137

Previous Educational Preparation

School years, average per student:

Finzel	6.8
Crellin	8.7
Westernport	6.5
Barton	7.8
Frostburg	7.7

Average previous educational preparation per student, all classes..... 7.5

Average Age of Students

Finzel	28.2 years
Crellin	34.8 years
Westernport	33.2 years
Barton	39.3 years
Frostburg	40.6 years
Average age of students, all classes.....	35.2 years

Occupations

Miners (working at the face).....	42
Mine Laborers.....	29
Mine Foremen.....	39
Operators	3
Superintendents	5
Miscellaneous	19
	137

Nationalities

Americans (Native born).....	131
English	2
Welsh	1
Austrian	1
Italian	1
Irish	1

Attendance

The average attendance per week for the school year for each class was as follows:

Frostburg	22
Westernport	15
Barton	12
Finzel	11
Crellin	8
Total average weekly attendance.....	68 men

OUTSTANDING FEATURES

The feature of outstanding interest in the year's work in the Night Mining Classes was the conducting of two classes in Mine Management, one at Frostburg, the other at Barton. These classes were largely an experiment, for while the need of some instruction of this sort had long been noted by some of the leaders of the industry in the State, some doubt was felt as to the advisability of starting it at this time.

Fortunately, both classes proved a success from the start, and as the course progressed the interest grew, until at the conclusion there was probably more enthusiasm shown than at any classes heretofore held.

The class at Westernport also deserves special mention, as it was by far the best class that had been held at that point since the inception of the Night Mining Classes.

CONCLUSION

At the conclusion of the sixth year of Night Class Instruction for miners in Maryland, it may be interesting to note that to date nine hundred and one (901) individuals have received instruction, either in the Night Classes or the Short Course for Mine Employes.

On a basis of thirty-seven hundred (3700) mine employes in Maryland, this would indicate that approximately twenty-four and three-tenths (24.3) per cent of the total number have received instruction.

REPORT OF NIGHT CLASSES IN MINING

September 30, 1929, to December 31, 1929

By L. C. HUTSON
Vocational Mining Instructor.

Organization and Schedule

The Night Classes in Mining were organized in the Upper Potomac District, for the school year 1929-1930, at the following points:

Kitzmiller	Monday night
Vindex	Tuesday night
Bayard	Wednesday night
Westernport	Thursday night
Barton	Friday night

On the above schedule the classes have met each week, with the exception of legal holidays, for a period of twelve weeks.

The subjects studied to date by the classes are as follows:

Kitzmiller	}Coal Mine Ventilation
Vindex		
Bayard		
Westernport		
Barton.....		Mine Management

Kitzmiller Class

Enrollment.....	31 students
Average age of students.....	28.5 years
Average previous educational preparation.....	8.1 years

Vindex Class

Enrollment.....	71 students
Average age of students.....	29.3 years
Average previous educational preparation.....	5.4 years

Bayard Class

Enrollment.....	15 students
Average age of students.....	30.8 years
Average previous educational preparation.....	8.1 years

Westernport Class

Enrollment.....	24 students
Average age of students.....	33 years
Average previous educational preparation.....	6.3 years

Barton Class

Enrollment.....	24	students
Average age of students.....	37.7	years
Average previous educational preparation.....	8	years

Summary

Total number of students enrolled.....	166	
Average weekly attendance (5 classes).....	84.3	
Average weekly attendance, Kitzmiller class.....	16.4	
Average weekly attendance, Vindex class.....	40	
Average weekly attendance, Bayard.....	8	
Average weekly attendance, Westernport class.....	10.5	
Average weekly attendance, Barton class.....	13.4	
Attendance of enrolled students.....	50	per cent
Average age, all classes.....	31.8	years
Average previous educational preparation.....	7.1	years

REPORT OF THE NIGHT CLASSES IN MINING

September 30, 1929—December 31, 1929

By R. D. EWING,
Assistant Vocational Instructor

Organization and Schedule

The Night Classes in Mining were organized, in the Georges Creek District, for the school year 1929-1930, at the following points:

Mt. Savage	Monday
Lonaconing	Tuesday
Finzel	Wednesday
Midland	Thursday
Frostburg	Friday

In addition to the above points, a night shift class was organized on Thursday morning, to enable the men who were on night shift to attend.

On the above schedule the classes have met each week, with the exception of legal holidays, for a period of twelve weeks.

The subjects studied by the classes to date are as follows:

Mt. Savage	}Arithmetic & Coal Mine Ventilation
Lonaconing		
Midland		
Frostburg		
Finzel.....	First Aid to the Injured

Mt. Savage Class

Number of men enrolled.....	26
Average age of men.....	28.3 years
Average previous educational preparation.....	7.3 years
Nationality:	
Native Born American.....	26
Occupations:	
Miners.....	11
Laborers.....	6
Mine Foremen.....	3
Engineers.....	1
Students.....	5

Lonaconing Class

Number of men enrolled.....	26
Average age of men.....	29.6 years
Average previous educational preparation.....	7.1 years
Nationality:	
Native Born American.....	26
Occupations:	
Electricians.....	1
Laborers.....	11
Miners.....	12
Mine Foremen.....	2

Finzel Class

Number of men enrolled.....	30
Average age of men.....	27.6 years
Average previous educational preparation.....	6.2 years
Nationality:	
Native Born American.....	30
Occupations:	
Miners.....	23
Laborers.....	7

Midland Class

Number of men enrolled.....	49
Average age of men.....	30.7 years
Average previous educational preparation.....	7.4 years
Nationality:	
Native Born American.....	49
Occupations:	
Miners.....	24
Laborers.....	20
Mine Foremen.....	2
Students.....	1
Hoisting Engineers.....	1
Electricians.....	1

Frostburg Class

Number of men enrolled.....	43
Average age of men.....	37.6 years
Average previous educational preparation.....	7.7 years
Nationality:	
American (native born).....	41
Welsh.....	1
English.....	1
Occupations:	
Miners.....	10
Laborers.....	13
Shipping Clerks.....	1
Mine Clerks.....	3
Superintendents.....	1
Mine Inspectors.....	1
Coal Inspectors.....	1
Students.....	1
Mine Foremen.....	12

Summary

Total number of men enrolled.....	174
Average weekly attendance (5 classes).....	75.1
Average weekly attendance, Mt. Savage class.....	10.9
Average weekly attendance, Lonaconing class.....	11.5
Average weekly attendance, Finzel class.....	12.6
Average weekly attendance, Midland class.....	19
Average weekly attendance, Frostburg class..	22.5
Average age of men enrolled.....	30.7 years
Average previous educational preparation.....	7.1 years
Attendance of men enrolled.....	43.1 per cent
Total number of Americans (native born) enrolled	172
Percentage of men enrolled (American native born).....	98.8 per cent

The first meeting of the classes was as follows:

Mt. Savage	September 30, 1929
Lonaconing	October 1, 1929
Finzel	October 2, 1929
Midland	October 3, 1929
Frostburg	October 4, 1929

Conclusion

While the number of men enrolled this year is larger than that of previous years, the average attendance per week is smaller in proportion. This fact can, in no small degree, be attributed to the number of different shifts, which of necessity must be worked.

There are several gratifying features in the work of this period. One of these is the number of men who have taken work of a similar nature for the past six years.

Two of the five classes are composed almost entirely of men who have not been enrolled in the classes before. In many cases, several members of the same family are enrolled and are regular in attendance.

The sacrifice made by the men attending the morning class, after working late the night before, is very commendable.

REPORT OF THE NIGHT CLASSES IN MINING AND FIRST AID

January 1, 1929, to May 25, 1929

Conducted by ROBERT D. EWING,
Associate Vocational Mining Instructor.

Organization and Schedule

Night classes in elementary mining were organized and conducted at the following points, beginning January 1:

Kempton	Tuesday night
Frostburg	Friday night

Classes in First Aid to the injured were organized and conducted at the following points, beginning January 28th:

Mt. Savage	Monday night
Kitzmiller	Wednesday night
Lonaconing	Thursday night

The Frostburg class was organized January 4th, meeting each Monday night thereafter until May 24th.

The Kempton class was organized January 8th, meeting each Tuesday night thereafter until May 21st.

The Mt. Savage class was organized January 28th, meeting each Monday night thereafter until May 29th.

The Kitzmiller class was organized January 30th, meeting each Wednesday night thereafter until May 22.

The Lonaconing class was organized February 7th, meeting each Thursday night thereafter until May 23rd.

Subjects

The subjects taught at these classes were as follows:

Mount Savage.....	First Aid
Kempton.....	Mine Gases, Mine Ventilation
Kitzmiller.....	First Aid
Lonaconing.....	First Aid
Frostburg.....	Mine Gases, Mine Ventilation Map Reading

Number of Class Periods

Classes were conducted one night each week at the points named, making the total number of classes held from January 1st to May 25th:

Mt. Savage.....	18
Kempton	20
Kitzmilller	18
Lonaconing	16
Frostburg	21

Enrollment

The number of men enrolled in these classes was as follows:

Mt. Savage.....	23
Kempton	18
Frostburg	26
Kitzmilller	26
Lonaconing	56

Names of Men Enrolled

Frostburg

Oscar Kneiriem	Wm. H. McKenzie
Daniel Cullen	George Allen
Louis Cesnick	Herbert Dye
Adam Patterson	James H. Cunningham
James N. Dunn	Charles Owens
Ben Smith	Harry Sulser
William J. Cesnick	Robert Glotfelty
John Kerr	Henry Cullen
Leo Brode	Maurice Bean
Leo McNeal	Frank E. Robertson
Terrance Byrnes	Adolph Wagus
Patrick J. Creegan	Aloysius Kenney
John Cesnick	Antone Urbas, Jr.

Kempton Class

Wm. Carl Luzier	Robert H. Jackson
A. L. Lantz	Clarence L. Brogdon
James Shillingburg	Casmier Jones
Leslie Ryan	Russel Harvey
Robert Gibbs	Stanley Perchan
Frank Strimel	Emil Wiegatz
Richard Ryan	Elmer Plumb
Tony Strimel	Charles Reed
Ernest Friend	Albert King

KITZMILLER CLASS

First Aid

Name	Age	Occupation	Company	Kind of Training
*Olin Amtower.....	25	Laborer.....	Shallmar Mining Corporation.....	First Aid
*Steve Newhouse.....	23	Miner.....	Shallmar Mining Corporation.....	Additional
*Wm. Barnes.....	31	Miner.....	Shallmar Mining Corporation.....	First Aid
*Joe Newhouse.....	21	Miner.....	Shallmar Mining Corporation.....	First Aid
*John Brown.....	33	Miner.....	Shallmar Mining Corporation.....	Additional
*Frank Paugh.....	31	Laborer.....	Hamill Coal & Coke Company.....	First Aid
*George W. Wilt.....	24	Miner.....	Hamill Coal & Coke Company.....	Additional
*Charles Paugh.....	25	Miner.....	Hamill Coal & Coke Company.....	Additional
*Ed. Burrell.....	22	Miner.....	Hamill Coal & Coke Company.....	Additional
*Fitzhugh Burrell.....	30	Miner.....	Hamill Coal & Coke Company.....	Additional
*Tony Sullivan.....	19	Laborer.....	Hamill Coal & Coke Company.....	First Aid
*J. J. Walker.....	32	Foreman.....	Hamill Coal & Coke Company.....	Additional
Thomas Swansboro.....	21	Laborer.....	Shallmar Mining Corporation.....	First Aid
R. C. Sowers.....	40	Laborer.....	Shallmar Mining Corporation.....	First Aid
John Newhouse.....	20	Miner.....	Shallmar Mining Corporation.....	First Aid
Olie Mick.....	20	Miner.....	Shallmar Mining Corporation.....	First Aid
Frank Melouse.....	19	Miner.....	Shallmar Mining Corporation.....	First Aid
Leonard Paugh.....	30	Miner.....	Hamill Coal & Coke Company.....	First Aid
Clarence Paugh.....	28	Miner.....	Hamill Coal & Coke Company.....	Additional
W. F. Paugh.....	22	Miner.....	Hamill Coal & Coke Company.....	Additional
C. H. Jones.....	40	Foreman.....	Hamill Coal & Coke Company.....	Additional
Joseph Gagle.....	19	Laborer.....	Hamill Coal & Coke Company.....	First Aid
Jos. Sullivan.....	20	Miner.....	Hamill Coal & Coke Company.....	First Aid
John Shore.....	38	Clerk.....	Hamill Coal & Coke Company.....	Additional
Harvey Gowers.....	16	Laborer.....	Hamill Coal & Coke Company.....	First Aid
Charles Jones.....	16	Student.....		

* Examined by E. E. Quenon of the United States Bureau of Mines.

MT. SAVAGE CLASS

First Aid

Name	Age	Occupation	Company	Kind of Training
*Albert Deffinbaugh.....	57	Foreman.....	Union Mining Company.....	Additional
*John Henaghan.....	42	Foreman.....	Union Mining Company.....	Additional
*Grant Wambaugh.....	21	Laborer.....	Union Mining Company.....	First Aid
*George Crump.....	41	Miner.....	Mt. Savage Mining Company.....	Additional
*Norman Boore.....	27	Laborer.....	Mt. Savage Mining Company.....	Additional
*Hugh McKenzie.....	27	Miner.....	Mt. Savage Mining Company.....	Additional
*Marshall Snyder.....	23	Miner.....	Mt. Savage Mining Company.....	Additional
*Leroy Jenkins.....	18	Miner.....	Mt. Savage Mining Company.....	Additional
*Daniel Miller.....	37	Miner.....	Mt. Savage Mining Company.....	Additional
*William Snyder.....	22	Miner.....	Mt. Savage Mining Company.....	Additional
Edward Carter.....	25	Laborer.....	Union Mining Company.....	Additional
Henry Burkhart.....	37	Laborer.....	Union Mining Company.....	Additional
Frank Snyder.....	30	Miner.....	Union Mining Company.....	Additional
William Haus.....	35	Miner.....	Union Mining Company.....	Additional
John Carter.....	37	Foreman.....	Mt. Savage Fuel Company.....	Additional
Henry S. Winebrenner.....	34	Miner.....	Mt. Savage Fuel Company.....	First Aid
George Porter.....	32	Miner.....	Mt. Savage Fuel Company.....	First Aid
Robert Poorbaugh.....	33	Miner.....	Mt. Savage Fuel Company.....	First Aid
Bradford Williams.....	24	Miner.....	Mt. Savage Fuel Company.....	Additional
Joseph Nolan.....	34	Miner.....	Mt. Savage Fuel Company.....	Additional

* Examined by E. E. Quenon of the United States Bureau of Mines.

LONACONING CLASS

First Aid

Name	Age	Occupation	Company	Kind of Training
*Robert K. Todd.....	45	Foreman.....	Georges Creek Coal Co., Inc.....	Additional
*Clarkson Laird.....	53	Foreman.....	Georges Creek Coal Co., Inc.....	Additional
*Robert Brodie.....	20	Miner.....	Georges Creek Coal Co., Inc.....	Additional
*John P. Stevenson.....	40	Asst. Supt.....	Georges Creek Coal Co., Inc.....	Additional
*Walter Beeman.....	26	Miner.....	Big Vein Coal Co. of Lonaconing.....	First Aid
*Frank Lambert.....	32	Laborer.....	Big Vein Coal Co. of Lonaconing.....	First Aid
*John Bradley.....	39	Foreman.....	Big Vein Coal Co. of Lonaconing.....	Additional
*James Bradley.....	26	Laborer.....	Big Vein Coal Co. of Lonaconing.....	Additional
*Harry Bailey.....	29	Laborer.....	Big Vein Coal Co. of Lonaconing.....	Additional
*Fred Kyle.....	24	Laborer.....	Big Vein Coal Co. of Lonaconing.....	First Aid
*Joe Miller.....	22	Laborer.....	Big Vein Coal Co. of Lonaconing.....	First Aid
*Felix Foote, Jr.....	42	Foreman.....	Maryland Coal Company.....	Additional
*Leslie Foote.....	30	Miner.....	Maryland Coal Company.....	First Aid
*Martin Eichorn.....	27	Laborer.....	Maryland Coal Company.....	Additional
*John Elliot.....	34	Laborer.....	Maryland Coal Company.....	Additional
*James Arnold.....	31	Miner.....	Maryland Coal Company.....	First Aid
*Patrick Nolan.....	42	Laborer.....	Big Vein Coal Co. of Lonaconing.....	First Aid
*William Klipstein.....	18	Laborer.....	Big Vein Coal Co. of Lonaconing.....	First Aid
*Thomas Galagher.....	17	Laborer.....	Big Vein Coal Co. of Lonaconing.....	First Aid
*Samuel B. McFarland.....	38	Laborer.....	Big Vein Coal Co. of Lonaconing.....	Additional
*Walter T. Williams.....	22	Laborer.....	Big Vein Coal Co. of Lonaconing.....	Additional
*Robert Brown.....	24	Laborer.....	Big Vein Coal Co. of Lonaconing.....	First Aid
*Fred Ravenscroft.....	39	Laborer.....	Big Vein Coal Co. of Lonaconing.....	First Aid
*J. L. Casey.....	52	Superintendent.....	Big Vein Coal Co. of Lonaconing.....	Additional
*Alvin Neat.....	37	Laborer.....	Georges Creek Coal Mining Co.....	First Aid
*Isaac Bradburn.....	33	Clerk.....	Georges Creek Coal Mining Co.....	Additional
*George Ricker.....	31	Miner.....	Georges Creek Coal Mining Co.....	Additional
*Henry Connor.....	39	Foreman.....	Georges Creek Coal Mining Co.....	Additional
*Bernard Woods.....	33	Laborer.....	Georges Creek Coal Mining Co.....	Additional
*Charles Getson.....	41	Foreman.....	Georges Creek Coal Mining Co.....	Additional
*John Smith.....	29	Laborer.....	Georges Creek Coal Mining Co.....	Additional
*Blaine McKenzie.....	20	Laborer.....	Georges Creek Coal Mining Co.....	First Aid
*Ed. Shockey.....	24	Laborer.....	Georges Creek Coal Mining Co.....	First Aid
*Wm. M. Shockey.....	27	Miner.....	Georges Creek Coal Mining Co.....	First Aid
*Edgar Trenum.....	35	Laborer.....	Georges Creek Coal Mining Co.....	First Aid
*Cecil Llewellyn.....	21	Miner.....	Georges Creek Coal Mining Co.....	First Aid
*Thomas Walters.....	30	Miner.....	Georges Creek Coal Mining Co.....	First Aid
Wm. Brodie.....	22	Miner.....	Georges Creek Coal Co., Inc.....	Additional
Andrew Brodie.....	28	Miner.....	Georges Creek Coal Co., Inc.....	Additional
Wm. Thompson.....	21	Miner.....	Georges Creek Coal Co., Inc.....	Additional
Dewey Bradley.....	32	Laborer.....	Big Vein Coal Co. of Lonaconing.....	Additional
Howard Wilkes.....	28	Laborer.....	Big Vein Coal Co. of Lonaconing.....	Additional
Wm. Devlin.....	26	Miner.....	Big Vein Coal Co. of Lonaconing.....	Additional
Allen Yates.....	32	Laborer.....	Maryland Coal Company.....	First Aid
John Whiteman.....	33	Miner.....	Koontz Coal Company.....	Additional
Harry Hadley.....	20	Miner.....	Koontz Coal Company.....	First Aid
Ernest Smith.....	21	Miner.....	Koontz Coal Company.....	First Aid
Thomas E. Wilson.....	23	Miner.....	Koontz Coal Company.....	Additional
Simeon Whiteman.....	29	Miner.....	Koontz Coal Company.....	Additional
Lawrence Dunn.....	49	Miner.....	Georges Creek Coal Mining Co.....	Additional
Lawson Creighton.....	33	Miner.....	Georges Creek Coal Mining Co.....	Additional
John Bradburn.....	37	Miner.....	Georges Creek Coal Mining Co.....	Additional
William George.....	28	Miner.....	Georges Creek Coal Mining Co.....	First Aid
Alex Nicol.....	33	Miner.....	Georges Creek Coal Mining Co.....	First Aid

* Examined by E. E. Quenon of the United States Bureau of Mines.

The number of men enrolled in these classes was as follows:

Mt. Savage.....	20
Kempton.....	18
Kitzmiller.....	26
Lonaconing.....	54
Frostburg.....	26

Total..... 144

PREVIOUS EDUCATIONAL PREPARATION

Mt. Savage.....	6.7 years average per student
Kempton	6.9 years average per student
Kitzmilller	7.0 years average per student
Lonaconing	6.3 years average per student
Frostburg	8.5 years average per student

AVERAGE AGE OF STUDENTS

Mt. Savage.....	31.8 years
Kempton	24.2 years
Kitzmilller	25.5 years
Lonaconing	30.3 years
Frostburg	32.1 years

OCCUPATIONS OF MEN ENROLLED

Frostburg Class

Miners	12
Motormen	3
Timbermen	4
Electricians	1
Mine Foremen	2
Laborers	4
Total	26

Kempton Class

Mine Foremen	1
Fire-Boss	1
Miners	14
Laborers	2
Total	18

Mt. Savage Class

Mine Foremen	3
Miners	12
Laborers	5
Total	20

Lonaconing Class

Clerks	1
Superintendents	2
Miners	26
Laborers	23
Mine Foremen	2
Total	54

Kitzmilller Class

Mine Foremen	2
Miners	15
Laborers	7
Clerks	1
Students	1
Total	<u>26</u>

NATIONALITIES

The men enrolled in these classes are all native-born Americans except five, three of whom were born in Scotland and two in Austria.

Percentage of native-born Americans.....96.5 per cent

ATTENDANCE

The average attendance per week at each class was as follows:

Mt. Savage	11.2 men
Kempton	8.3 men
Kitzmilller	13.5 men
Lonaconing	35.5 men
Frostburg	8.6 men
Average weekly attendance, all classes.....	77.1 men

STATISTICS OF ENROLLMENT AND ATTENDANCE

By L. C. HUTSON,
Vocational Mining Instructor.

Summer School Enrollment

1924.....	32
1925.....	21
1926.....	19
1927.....	19
1928.....	6
1929.....	11
Total	108

Of the above total number of students, 73 now hold Certificates of Competency for Mine Foreman or Fire Boss.

The benefits of an intensive course in mining, such as the Summer School affords, should have a very considerable effect for the betterment of management of the coal mines of the State.

Night Mining Classes

Conducted by L. C. HUTSON,
R. C. FLEMING,
R. D. EWING.

1923-24	
Enrollment.....	315
Average weekly attendance.....	160
Attendance percentage.....	50 per cent
1924-25	
Enrollment.....	236
Average weekly attendance.....	125
Attendance percentage.....	52 per cent
1925-26	
Enrollment.....	281
Average weekly attendance.....	126
Attendance percentage.....	44 per cent
1926-27	
Enrollment.....	230
Average weekly attendance.....	126
Attendance percentage.....	54 per cent
1927-28	
Enrollment.....	250
Average weekly attendance.....	146
Attendance percentage.....	58 per cent

1928-29

Enrollment.....	286
Average weekly attendance.....	146
Attendance percentage.....	51 per cent

1929-30

Enrollment.....	339
Average weekly attendance.....	161
Attendance percentage.....	47 per cent

Summarizing the above figures we find that:

The total enrollment for the seven year period was	1937
The average weekly attendance for the seven year period.....	141
The attendance percentage of the number of men enrolled in the seven year period	50 per cent

To date 1101 individuals have enrolled in the Night Mining Classes and the Summer Schools.

On the basis of 3600 mine employes in Maryland, with no allowance for labor turn-over, this would mean that 30.5 per cent of the mine employes of Maryland have received instruction.

It may be interesting to note that of the total enrollment of 1937 men, 836 have enrolled for a second year of instruction, and many of them have attended classes for seven years.

Two hundred (200) men enrolled in the Night classes and Summer School of the present year have received no previous instruction. This should prove that it is still possible to interest new men in the classes, after seven years.

In the seventh year of their existence the Night Mining classes have the largest enrollment and the largest average weekly attendance in their history.

REPORT OF THE SHORT COURSE IN COAL MINING, 1929

L. C. HUTSON, Director

The Sixth Annual Short Course in Coal Mining, held at Frostburg, Maryland, conducted by the University of Maryland, under the supervision of the Maryland Bureau of Mines, opened on June 10, 1929, and closed July 20, 1929.

The first two weeks of instruction were carried on in the State Normal School building and the remaining four weeks were conducted in the Beall High School Building.

Instruction Staff and Subjects

L. C. Hutson—Explosives, Haulage, Drainage and Pumping, Mine Fires and Explosions, Maryland Mine Law.

J. J. Rutledge—Mining Methods.

Robert D. Ewing—Electricity in Mines, Mine Gases, Ventilation, Geology of Coal, Map Reading.

Schedule

Hours—8:00 A. M. to 12:00 Noon
Six Days Per Week.

First Week:	Explosives, Mine Gases
Second Week:	Mining Methods, Electricity in Mines
Third Week:	Mining Methods, Electricity in Mines
Fourth Week:	Ventilation, Haulage
Fifth Week:	Ventilation, Drainage and Pumping
Sixth Week:	Geology of Coal, Mine Fires and Explosions

Classes were also held each morning for four weeks in Mining Mathematics, and one week each in Map Reading and Maryland Mine Law.

Enrollment

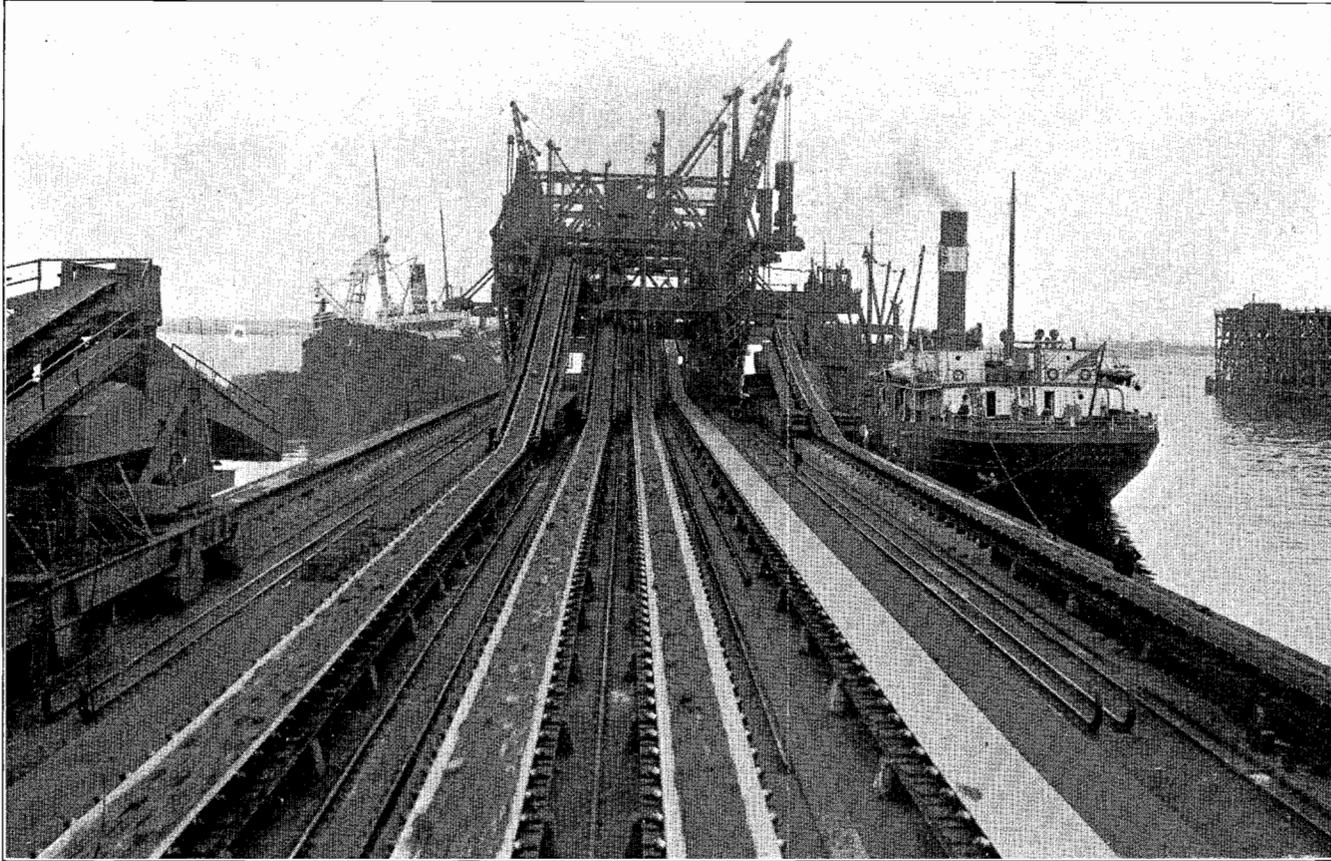
The number of students enrolled was eleven, of which number eight worked on the night shift while attending the classes. Due to the above large proportion of the students working while attend-

ing, it was thought best to omit the afternoon sessions which were held in former years.

Name	Address	Occupation	Age	Sent By
Adam Patterson.....	Frostburg.....	Motorman.....	39.....	*self
Henry Lloyd.....	Frostburg.....	Miner.....	45.....	*self
Charles Brown.....	Frostburg.....	Laborer.....	45.....	self
Aloysius Kenney.....	Frostburg.....	Miner.....	48.....	*self
Thomas Parise.....	Frostburg.....	Miner.....	21.....	*self
John Cesnick.....	Frostburg.....	Miner.....	24.....	*self
Charles Cathcart.....	Frostburg.....	Miner.....	28.....	*self
Edward J. Hughes.....	Frostburg.....	Miner.....	39.....	*self
Andrew S. Brodie.....	Frostburg.....	Miner.....	30.....	*self
Edward Shockey.....	Lonaconing.....	Laborer.....	24.....	Georges Creek C. M. Company
Addison Casey.....	Frostburg.....	Clerk.....	19.....	Big Vein Coal Co. of Lona- coning

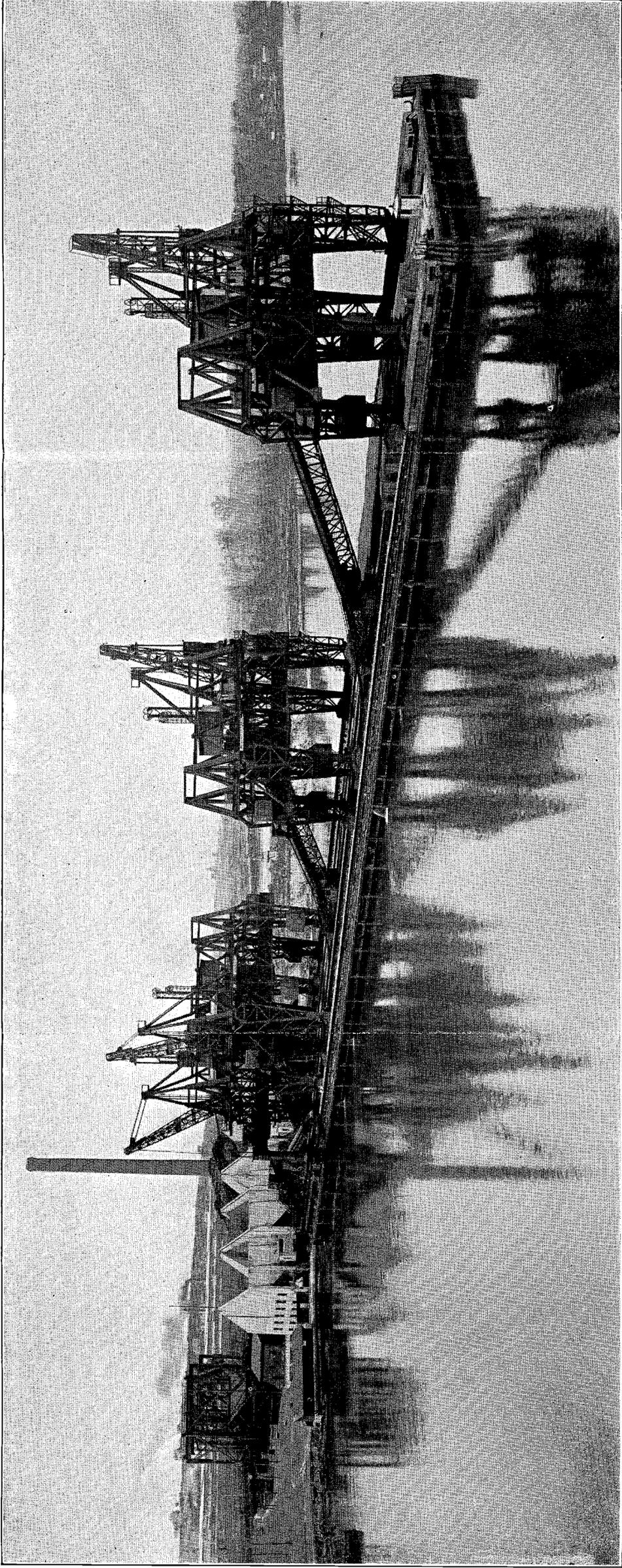
* Indicates men who worked on the night shift while attending.

The number of men enrolled this year was a substantial increase over the enrollment of last year. The men who worked on the night shift while attending, without exception, did all the written work. This is extremely praiseworthy and indicates that men of this type are well worth any advancement they may seek.



CURTIS BAY COAL PIER

View looking toward end of pier, showing 60-inch rubber belts conveying coal to movable coal loading towers.



The Curtis Bay Export Conveyor-Belt Coal Pier of The Baltimore and Ohio Railroad Company has the largest capacity of any coal pier in the world—mechanical facilities have been furnished which permit the maximum loading of 7,000 tons of coal per hour into vessels.

This pier marks an entirely new departure in coal terminals. Instead of the usual high structure, to which railroad cars are, by one means or another, elevated, and then emptied into bunkers through which chutes lead into vessels alongside, this plant consists of a pier, 117 ft. wide, 700 ft. long, the deck of which is 8 ft. above the mean tide. The pier deck is entirely of reinforced concrete construction, supported upon 1664 precast reinforced concrete piles. The water alongside of the pier and the channel leading to the pier has a minimum depth of 35 ft.

Some distance back of the shore end of the pier are two car dumpers. Each dumper feeds three belts, 60 inches wide, with a maximum capacity of 2,000 tons per hour, and a maximum speed of 500 feet per minute.

When cold weather and frozen coal is encountered, the cars are thawed, a thaw shed having been provided, which contains two tracks and has a capacity of 20 cars. All of the functions of the pier are interlocked and controlled electrically. By pushing a button, all movable parts of the belts, tower and feeder are stopped.

The pier as constructed demonstrated a capacity which fully justified the expectations of those responsible for its construction. The SS. "Tuckahoe," it may be recalled, was built during the war in the record time of 27 days. This boat received a cargo of coal at this pier, consisting of 4,992 tons, which was placed in her in two hours and fifty minutes.

Each movable coal loading tower is equipped with one LANE-GALLOWAY MECHANICAL TRIMMER.