

TWENTY-FOURTH ANNUAL REPORT

OF THE

MARYLAND BUREAU OF MINES

OF THE

STATE OF MARYLAND

Board of Natural Resources

Department of Geology, Mines and Water Resources

JOSEPH T. SINGEWALD, JR., Director

CALENDAR YEAR 1946



TO

HON. HERBERT R. O'CONOR

GOVERNOR OF MARYLAND

JOHN J. RUTLEDGE

Chief Mine Engineer



LETTER OF TRANSMITTAL

To His Excellency,

HON. HERBERT R. O'CONNOR,
Governor of Maryland.

SIR:

I have the honor to submit herewith the Twenty-fourth Annual Report of the Maryland Bureau of Mines for the period January 1, 1946, to December 31, 1946, 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 1946

To His Excellency,

HON. HERBERT R. O'CONNOR,

Governor of Maryland.

SIR:

The report herewith submitted is for the calendar year 1946, and is the Seventieth 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

	(Net tons, cwt.)
Pick	866,627.11
Machine	578,828.12
Strip	660,689.06
Total	2,106,145.09

COAL PRODUCTION

ALLEGANY COUNTY—During the calendar year 1946, Allegany County mines employed 624 miners, 131 drivers (including motor-men, brakemen, etc.), 152 inside laborers and 241 outside employees, making a total of 1,148 men. The production of coal for 1946 was 1,028,624.02 net tons. This shows a production of 1648.4 net tons per miner employed during this period.

GARRETT COUNTY—During the calendar year 1946, Garrett County mines employed 497 miners, 130 drivers (including brakemen, motor-men, etc.), 107 inside laborers and 215 outside employees, making a total of 949 men. The production of coal for 1946 was 1,004,245.16 net tons. This shows a production of 2020.6 net tons per miner employed during this period.

FIRE CLAY PRODUCTION

ALLEGANY COUNTY—During the calendar year 1946 the fire clay mines in Allegany County employed 32 miners, 11 drivers, 11 inside laborers, and 3 outside employees, making a total of 57 men. The production of fire clay during 1946 was 45,298.11 net tons, and shows a production of 1415.5 net tons per miner.

GARRETT COUNTY—During the calendar year 1946 there were 27,977.00 net tons of fire clay produced in Garrett County, all stripped, employing 30 outside employees. This shows a production of 932.5 net tons per employee.

TONNAGE PER FATALITY—ALLEGANY COUNTY

Three fatal accidents occurred in the coal mines of Allegany County during the calendar year 1946, making 342,874 net tons of coal produced for each fatal accident; number of fatalities per 1,000 men employed 2.613; number of fatalities per 1,000,000 net tons of coal produced 2.916.

TONNAGE PER FATALITY—GARRETT COUNTY

One fatal accident occurred in the coal mines of Garrett County during the calendar year 1946, making 1,004,245 net tons of coal produced for each fatal accident; number of fatalities per 1,000 men employed 1.053; number of fatalities per 1,000,000 net tons of coal produced 0.9957.

TONNAGE PER FATALITY FOR ENTIRE STATE

During the calendar year 1946 there were 2,032,869.18 net tons of coal produced in Maryland, and there were four fatal accidents in the coal mines of the State. Fatalities per 1,000 employees 1.907; fatalities per 1,000,000 net tons of coal produced 1.967.

**WEIGHMASTER LICENSES FOR THOSE
WEIGHING SOLID FUEL**

During the year 1946, in compliance with the provisions of Chapter 349, Laws of Maryland, 1937, the Bureau continued to inspect the weigh-scales of all those engaged in weighing solid fuel in the State of Maryland, outside the City of Baltimore, 152 truck scales being tested, 17 of which were retested.

From the inception of the work under Chapter 349, Laws of Maryland, 1937, up to and including December 31, 1946, the Bureau of Mines issued 3,983 weighmaster licenses, the fee for each license being \$10.00, and this money was turned over to the State Treasurer.

From January 1, 1946, to December 31, 1946, inclusive, 430 weighmaster licenses were issued.

The Maryland Bureau of Mines should not be charged with the inspection and testing of scales of solid fuel dealers in the State, outside of the City of Baltimore. This work should be done by a State department of weights and measures, and the Bureau hereby makes an earnest request to be relieved of this extra burden. The Bureau has always tested the weigh-scales at the coal mines, on which the coal dug by the miners is weighed.

Chapter 349, Laws of Maryland, Session of 1937, under which this Bureau is charged with issuing weighmaster licenses and testing of scales of solid fuel dealers, became effective June 30, 1937, but enforcement was held up until November, 1937.

The business of this Bureau is to maintain safety and efficiency in coal and fire clay mining operations, and not the testing of the scales of solid fuel dealers throughout the length and breadth of the State of Maryland.

**COAL TRANSPORTED BY RAILROADS TRAVERSING
THE WESTERN MARYLAND COAL FIELD
CALENDAR YEAR 1946**

Coal shipments over the Cumberland and Pennsylvania Railroad, which traverses the center of the George's Creek coal field, amounted to 781,755 net tons.

There were 825,940 net tons of coal transported by the Western Maryland Railway from mines located on their line in Western Maryland during 1946. Of this total, 256,880 net tons originated in the George's Creek District.

During the same period the mines on the Baltimore and Ohio Railroad Company in Western Maryland made coal shipments amounting to 93,019 net tons.

STATE MINE EXAMINING BOARD

The following Certificates of Competency were awarded as a result of the twenty-fifth examination for mine foremen conducted at Frostburg, Maryland, August 27-28, 1946:

FIRST CLASS

Griffith, Denver Stanton.....	Kempton
Kisner, Alvin.....	Kempton
Mosser, Carlton O.	Kitzmiller
Povish, William Robert.....	Kempton
White, William Ernest.....	Kempton
Turner, Henry Grady.....	Kempton

SECOND CLASS

Harvey, Isaac G.	Crellin
Loar, George	Lonaconing
Sanders, Marshall Edmond.....	Crellin
Sharpless, Leslie B.	Kitzmiller

PERSONNEL, MARYLAND BUREAU OF MINES*Chief Mine Engineer*

John J. Rutledge.....State Office Building, Annapolis, Md.

District Mine Inspectors

Frank T. Powers.....Frostburg, Md.

Clyde J. Rowe.....Westport, Md.

Inspector, Weights and Mine Scales

J. DeSales Maher.....Midland, Md.

Stenographer-Secretary

Mrs. Julia Jefferson Walbeck.....Annapolis, Md.

Senior Typist

Mrs. Jane Scherger Phipps.....Annapolis, Md.

Mine Examining Board

John J. Rutledge, Chairman.....Annapolis, Md.

G. O. Tarleton, Representing Operators.....Frostburg, Md.

Stephen Cesnick, Representing Miners.....Lord, Md.

COAL MINES HAVING NO PHYSICAL CONNECTION WITH RAILROADS

Allegheny County—1946

Name of Operating Company	Net Tons cwt.
Aden Coal Company	3,130.00
Atkinson Fuel Mine	1,055.00
Ayers Coal Company	635.00
Barnes, Henry S. and Sons	39,949.19
Barton & George's Creek Coal Co.	500.00
Beeman Coal Company	64.00
C. C. Bennett	342.00
Big Savage Coal Co.	164.00
Big Vein Coal Company of Lonaconing, Md., Inc., Castle G No. 1.....	20,056.19
Blank, Walter E.	2,637.00
Braddock Coal Co.	1,159.00
Bradley Coal Co.	1,235.00
Brashear, William, Aden Mine No. 1140	720.00
Campbell Coal Company, Freeport No. 1	2,866.00
Campbell Coal Company, Mill Run	9,054.00
Charlestown Coal Company	856.00
Clark Bros.	749.00
Clark & Bro., Thomas J.	3,650.05
Connor-Haines Big Vein Coal Co.	1,250.00
Cross Fuel Company (Strip)	26,496.00
Cumberland & Parker Seam Coal Corp.	5,261.00
Evans Coal Company	268.00
Fazenbaker & Son, Stanley	1,079.02
E. E. Feller	4,962.04
Filer, Ellsworth	1,135.00
Fletcher, Clarence	895.00
Foote Bros.	650.00
Franklin Hills Mining Company	47,313.08
George, John L.	2,244.00
Gunstan Coal Company	3,316.12
Herman, Irvin G.	565.00
Hughes, John F. and Francis F.	1,981.00
Jenkins & Swarman	1,436.00
Johnson Coal Company	2,960.00
K. & M. Coal Company	7,814.12
Kammauf, William J.	830.00
Kyle & Beeman Coal Company	1,659.00
Liberty Fuel Mine	2,214.00
Macaneck Coal Company	208.00
Maryland Fuel Company	9,912.01
Metz, Chester William	675.00
Metz Coal Company	3,419.00
Metz, Thomas I.	424.00
Michaels, Earl	750.00
Mill Run Coal Co.	8,682.13
Miller & Son, Jacob T.	172.00
Moore, Alvie E.	1,984.00
Myers, Joseph M.	1,903.00
New Fuel Company	604.00
Parker Hi-Grade Coal Co.	1,994.00

Name of Operating Company	Net Tons cwt.
Parkersburg Coal Company	653.00
M. D. Porter	375.00
Potomac Big Vein George's Creek Coal Company	16,802.10
Rairick, Harry	822.00
Robertson, Joseph H.	153.00
Robinson Coal Co.	289.00
Russell Coal Company	4,929.00
Russell Mining Company	97,167.04
Shriver & Drummond	565.00
Sivic & Wright	196.00
Skidmore & Lashbaugh	806.00
Stevens & McKenzies	221.00
Stewart Mining Co.	2,421.00
Uhl, Russell G.	722.00
Victory Coal Mines	6,953.00
Waddell, Douglas	7,740.00
Ware, Jones & Cutter	1,596.00
Winters & Brode	461.00
C. O. Workman	523.00
Total	377,275.09

Garrett County—1946

Ajax Coal Company	13,609.01
Apple Coal Company	1,087.00
Barrick Coal Mine, James E.	133.00
J. A. Beachy	975.00
Bennett, Howard A.	4,092.10
Bettors-Ford Coal Co.	5,283.14
Blue Flame Coal Company	5,797.00
Bowman, Clyde E.	825.01
Bray Coal Company	776.10
Brenneman, Mrs. Dennis	391.00
Burnwell Coal Company	64,331.00
Collins, Robert	687.00
Paul Del Signore	639.07
DeMarco Mine	154.00
Duckworth, R. S.	818.00
Fazenbaker Co., James	5.00
Franklin Hills Mining Company	48,177.00
Garrett County Refractories Company	32,309.00
Grantsville Coal Company	10,394.05
W. H. Haenftling Coal Co.	412.00
Harvey, Charles	702.00
Harvey, James E.	224.00
Harvey, Ralph	1,103.00
Hill Top Mining Company	17,994.00
Laurel Run Coal Company	564.14
Lee Coal Company	3,960.00
M. & M. Coal Company	6.10
Merrbach, Theodore	109.00
Arch Michaels Coal Co.	1,511.00
Mill Run George's Creek Coal Company	3,312.00

Name of Operating Company	Net Tons cwt.
Moran & Sons, Edward S.	71,355.00
Myers Coal Company	13,225.16
Nethkin Coal Company, George M.	2,601.16
Pattison, Charles	5,595.00
Paugh Brothers	1,646.00
Paugh, Dewey	645.00
Paugh, Earl	589.00
Pritts Brothers Coal Co.	15,473.00
Russell Mining Company	20,610.12
Sharpless, Leslie B.	5,392.00
Stephen & Ridder Coal Company	10,780.00
Steyer, Keith	215.00
Tasker Coal Company	1,807.00
John W. Tasker & Lewis Sharpless	198.00
Tasker, Robert	140.18
Thomas Coal Co., Carson	965.00
George & Russell Uphole	278.00
Upperman & Son	1,136.00
Virts Coal Co., Stanley	4,872.00
Weimer, Melvin	26.00
Wilson, Hayden N.	869.00
Total	378,802.14

BUREAU OF MINES
SUMMARY OF PRODUCTION STATISTICS
1946
COAL

	Allegany County	Garrett County	Total Net Tons cwt.
Pick	521,749.13	308,995.15	830,745.08
Machine	153,803.15	415,608.09	569,412.04
Strip	353,070.14	279,641.12	632,712.06
Total	1,028,624.02	1,004,245.16	2,032,869.18

Employees

Miners	624	497	1,121
*Drivers	131	130	261
Inside Laborers	152	107	259
Outside Employees	241	215	456
Total	1,148	949	2,097
Fatalities	3	1	4

FIRE CLAY

Pick	35,882.03	.....	35,882.03
Machine	9,416.08	.....	9,416.08
Strip .....	.....	27,977.00	27,977.00
Total	45,298.11	27,977.00	73,275.11

Employees

Miners	32	.....	32
*Drivers	11	.....	11
Inside Laborers	11	.....	11
Outside Employees	3	30	33
Total	57	30	87

*Drivers includes motormen, brakemen, etc.

**COMPARATIVE STATEMENT OF STATISTICS OF
COAL AND CLAY PRODUCTION**

1945-1946

COAL

Allegheny County

Year	Net Tons (cwt.)	Miners	*Drivers	Inside Laborers	Outside Employees	Total
1945	954,604.08	585	123	136	197	1,041
1946	1,028,245.16	624	131	152	241	1,148

Garrett County

1945	824,627.16	442	112	87	116	757
1946	1,004,245.16	497	130	107	215	949

Entire State

1945	1,779,232.04	1,027	235	223	313	1,798
1946	2,032,869.18	1,121	261	259	456	2,097

FIRE CLAY

Allegheny County

1945	50,773.09	30	12	6	3	51
1946	45,298.11	32	11	11	3	57

Garrett County

1945	7,261.11	.....	.....	.....	28	28
1946	27,977.00	.....	.....	.....	30	30

Entire State

1945	58,035.00	30	12	6	31	79
1946	73,275.11	32	11	11	33	87

*Drivers includes motormen, brakeman, etc.

Statistics of Coal Production, Calendar Year 1946

ALLEGANY COUNTY

Name of Operator	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees					Output Statistics (Cwt Net Tons)	Accidents		Mining Machines and Equipment	
				Miners	* Drivers	Inside Laborers	Outside Employees	Total		Fatal	Non-Fatal		
Aden Coal Company	Aden	1	Bakerstown	5	1	1	1	7	3,130.00	.....	1	.....	.....
Atkinson Fuel Mine	Atkinson	1	Big Vein	3	.....	.....	.....	3	1,055.00	.....	.....	.....	.....
Ayers Coal Co.	Ayers	3	Bakerstown	3	1	.....	.....	4	635.00	.....	.....	.....	.....
Barnes, Henry S. & Sons	Barnes	Strip	Big Vein	.....	.....	.....	8	.....	39,949.19	.....	.....	.....	.....
Barton & George's Creek Coal Co.	No. 2	2	Bakerstown	6	1	.....	1	8	500.00	.....	.....	.....	.....
Boeman Coal Co.	Meadow	2	Big Vein	.....	.....	.....	2	45	64.00	.....	.....	.....	.....
C. C. Bennett	Big Savage	1	Big Vein	2	.....	.....	.....	1	342.00	.....	.....	.....	.....
Big Vein Coal Co. of Lonaconing, Md., Inc.	Castle G No. 1	1	Upper Kittanning	1	.....	.....	.....	1	164.00	.....	.....	.....	.....
Big Vein Coal Co. of Lonaconing, Md., Inc.	Castle	24	Big Vein	24	6	20	8	53	20,056.19	.....	.....	.....	.....
Big Vein Coal Co. of Lonaconing, Md., Inc.	Union No. 1	25	Big Vein	25	7	29	3	64	43,632.15	.....	.....	.....	.....
Blank, Walter E.	Mutis Mine	11	Big Vein	11	2	5	1	19	9,814.10	.....	.....	.....	.....
Braddock Coal Company	No. 2	1	Lower Freeport	7	1	1	.....	9	2,637.00	.....	.....	.....	.....
Bradley Coal Company	Bradley	3	Kittanning	3	1	.....	.....	4	1,159.00	.....	.....	.....	.....
Brashear, William	Alden No. 1140	1	Big Vein	4	.....	.....	.....	4	1,235.00	.....	.....	.....	.....
Campbell Coal Company	No. 1	1	Freeport	4	.....	.....	.....	4	720.00	.....	.....	.....	.....
Campbell Coal Company	Mill Run	1	Bakerstown	8	1	1	1	11	2,866.00	.....	.....	.....	.....
Campbell Coal Company	Hampshire	1	Bakerstown	7	1	1	1	10	9,054.00	.....	.....	.....	1 Jeffrey Shortwall.
Charles-town Coal Company	.....	2	Bakerstown	19	4	4	5	32	10,282.00	.....	.....	.....	2 Jeffrey Shortwall
Clark Bros.	Barton Jackson	2	Big Vein	2	1	.....	.....	3	856.00	.....	.....	.....	.....
Clark & Bro. Thomas J.	Clark No. 2	2	Big Vein	.....	.....	.....	.....	2	749.00	.....	.....	.....	.....
Connor-Haines Big Vein Coal Co.	Jackson	2	Bakerstown	6	.....	.....	.....	8	3,650.05	.....	.....	.....	.....
Consolidated Fuel Company, Inc.	Ocean No. 1	2	Big Vein	2	1	.....	.....	3	1,250.00	.....	.....	.....	.....
Consolidated Fuel Company, Inc.	Hoffman No. 3	2	Big Vein	25	8	5	2	40	31,320.00	.....	.....	.....	.....
Consolidated Fuel Company, Inc.	Eckhart No. 4	2	Big Vein	37	8	13	6	64	57,995.00	.....	.....	.....	.....
Consolidated Fuel Company, Inc.	Eckhart No. 10	2	Tyson	18	3	12	3	36	42,199.00	.....	.....	.....	.....
Consolidated Fuel Company, Inc.	Lord No. 17	2	Tyson	42	4	13	15	74	68,521.00	.....	.....	.....	.....
Cross Fuel Company	Cross	2	Big Vein	29	2	1	2	34	11,777.00	.....	.....	.....	.....
Cumberland Parker Seam Coal Corp.	Parker	Strip	Big Vein	8	.....	.....	.....	8	5,261.00	.....	.....	.....	.....
Evans Coal Co.	Borden	1	Parker	2	1	.....	.....	3	268.00	.....	.....	.....	.....
Fewenbaker & Son, Stanley	Jackson	1	Big Vein	.....	.....	.....	.....	1	1,079.02	.....	.....	.....	.....
Federal Hill Mining Co.	Federal Hill	Strip	Big Vein	2	.....	.....	.....	2	6,020.00	.....	.....	.....	.....
E. E. Feller	Dickel Property	Strip	Tyson	.....	.....	.....	.....	.....	4,962.04	.....	.....	.....	.....
Filer Fuel Mine	Filer	1	Big Vein	2	.....	.....	.....	2	1,135.00	.....	.....	.....	.....
Fletcher, Clarence	Rosebud	2	Big Vein	.....	.....	.....	.....	.....	895.00	.....	.....	.....	.....
Foote Bros.	Franklin Hills	1	Little Pittsburg	2	.....	.....	.....	2	650.00	.....	.....	.....	.....
George, John	No. 2	Strip	Big Vein	.....	.....	.....	.....	.....	47,313.08	.....	.....	.....	.....
George's Creek Big Vein Coal Co.	McDonald	1	Bakerstown	4	.....	.....	.....	4	2,244.00	.....	.....	.....	.....
George's Creek Coal Co., Inc.	No. 5	3	Waynesburg	84	16	16	16	132	1,937.07	.....	.....	.....	.....
George's Creek Coal Co., Inc.	No. 2	2	Big Vein	15	2	.....	.....	17	113,452.00	.....	.....	.....	.....
George's Creek Coal Co., Inc.	Franklin No. 2	2	Franklin	14	2	.....	.....	16	11,154.00	.....	.....	.....	.....
Gunstan Coal Company	No. 1	1	Big Vein	3	.....	.....	.....	3	894.00	.....	.....	.....	.....
Herman, Irvin G.	Gunstan	1	Upper Kittanning	4	1	.....	.....	5	3,316.12	.....	.....	.....	.....
Hughes, John F. and Francis F.	Hoffa No. 4	3	Freeport	2	.....	.....	.....	2	565.00	.....	.....	.....	.....
Jenkins & Swarman	National	1	Big Vein	30	6	7	5	48	30,578.16	.....	.....	.....	.....
Johnson Coal Company	Watkins	2	Big Vein	3	.....	.....	.....	3	1,981.00	.....	.....	.....	.....
K. & M. Coal Company	Langham	1	Bakerstown	4	.....	.....	.....	4	2,960.00	.....	.....	.....	.....
Kamauf, William J.	McNutt	Strip	Big Vein	.....	.....	.....	.....	.....	7,814.12	.....	.....	.....	.....
Koontz Coal Company	Pine Hill	2	Big Vein	2	.....	.....	.....	2	830.00	.....	.....	.....	.....
Koontz Coal Company	Swanton	2	Bakerstown	5	1	1	1	7	5,602.01	.....	.....	.....	.....
Koontz Coal Company	Swanton	2	Big Vein	11	1	3	4	19	21,068.05	.....	.....	.....	.....

*Includes Motormen, Brakemen, etc.

Statistics of Coal Production, Calendar Year 1946

ALLEGANY COUNTY—Continued

Name of Operator	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees				Number of Days Worked	Output Statistics (Cwt Net Tons)				Accidents		Mining Machines and Equipment		
				Miners	Drivers	Inside Laborers	Outside Employees		Total	Pick	Machine	Strip	Total	Fatal		Non-Fatal	
																	Accidents
Kyle & Beeman Coal Co.	Jackson No. 4		Big Vein	3	1	2	2	217	1,659.00								
Liberty Fuel Mine	Liberty		Big Vein	3	1	2	4	171	2,214.00								
McNitt Coal Company	McNitt No. 2		Big Vein	5	1	2	9	229	7,401.00								
McNitt Coal Company	McNitt No. 2	2	Tyson	10	1	2	15	228	8,506.08								
Macanock Coal Company	No. 1		Tyson	2	1	1	2	208.00	208.00								
Maryland Fuel Company	Maryland No. 2	1	Big Vein	8	1	1	10	241	9,912.01								
Metz, Chester William			Bakerstown	1	1	1	3	127	675.00								
Metz Coal Company		2	Bakerstown	3	1	1	5	201	3,419.00								
Metz, Thomas I.			Bakerstown	1	1	1	3	83	424.00								
Michaels, Earl			Bakerstown	2	1	1	4	183	750.00								
Mill Run Coal Company	No. 1	1	Bakerstown	12	3	1	16	198	8,682.13								
Miller & Son, Jacob T.			Tyson	2	1	2	5	25	172.00								
Miners Big Vein Coal Company	Bivecol No. 1	1	Big Vein	5	1	2	8	212	6,070.14								
Moore, Alvie E.	Mine No. 2412	2	Bakerstown	1	1	1	3	183	1,984.00								
Myers, Joseph M.			Big Vein	4	1	1	6	191	1,903.00								
New Fuel Company	Borden		Lower Tyson	2	1	1	4	84	391.00								
New Fuel Company	Nancy-Gene		Lower Freeport	2	1	1	4	83	213.00								
Parker Hi-Grade Coal Co.	Parker		Parker	5	1	1	7	191	1,994.00								
Parkersburg Coal Company	Parkersburg		Big Vein	2	1	1	4	82	653.00								
Pine Hill Coal Company	Pine Hill	Strip	Big Vein	2	1	1	4	82	36,633.17								
M. D. Porter	Blank	Strip	Big Vein	1	1	1	3	26	375.00								
Potomac Big Vein George's Creek Coal Co.	Potomac "B"	Strip	Bakerstown	1	1	1	3	125	822.00								
Rairick, Harry	Rairick	Strip	Big Vein	2	1	1	4	180	16,802.10								
Robertson, Joseph H.			Big Vein	5	1	2	8	289	153.00								
Robinson Coal Company	Bakerstown		Bakerstown	1	1	1	3	189	822.00								
Russell Coal Company	Toll Gate		Bakerstown	2	1	1	4	158	289.00								
Russell Mining Company	Russell	Strip	Big Vein	6	1	1	8	196	4,929.00								
Russell Mining Company	Hampshire No. 2	Strip	Big Vein	6	1	1	8	207	67,421.01								
Shriver & Drummond	No. 6	Strip	Big Vein	2	1	1	4	114	29,746.03								
Silvercrest Coal Co.	Silvercrest	Strip	Big Vein	2	1	1	4	225	565.00								
Sivic (John J.) and Wright (Charles E.)	S. & W.	Strip	Big Vein	2	1	1	4	63	1,255.00								
Skidmore & Lashbaugh	Borden		Big Vein	2	1	1	4	65	196.00								
Stevens & McKenzies			Big Vein	3	1	1	5	105	806.00								
Stewart Mining Company	Blackberry		Big Vein	3	1	1	5	42	221.00								
Sunnyside Coal Company	Cordova No. 2		Big Vein	5	1	1	7	175	2,421.00								
Uhl, Russell G.	Bald Knob		Montell	2	1	1	4	37	190.00								
Victory Coal Mines	Victory	Strip	Big Vein	8	1	1	10	252	6,953.00								
Waddell, Douglas	Waddell	1	Bluebaugh	1	1	1	3	123	7,740.00								
Wallace Coal Company	Wallace	1	Big Vein	7	1	1	9	158	6,830.00								
Ware, Jones & Cutter	Barnes	9	Big Vein	2	1	1	4	251	1,596.00								
Winters & Brode	Workman		Big Vein	2	1	1	4	155	461.00								
C. O. Workman			Big Vein	4	1	1	6	51	523.00								
Total.....				624	131	152	241	1,148	521,749.13	153,803.15	353,070.14	1,028,624.02	3	106			

FIRE CLAY PRODUCTION—ALLEGANY COUNTY

Big Savage Refractories Corporation	Mt. Savage	2	Fire Clay	23	9	2	2	43	35,882.03								
Mt. Savage Refractories Company	Barrellville	9	Claron Clay	9	2	2	1	14	9,416.08								5 Jackhammers.
Total.....				32	11	11	3	57	35,882.03	9,416.08		45,298.11		16			

*Includes Motormen, Brakemen, etc.

Statistics of Coal Production, Calendar Year 1946

GARRETT COUNTY

Name of Operator	Name of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees				Output Statistics (Cwt Net Tons)				Accidents		Mining Machines and Equipment		
				Miners	Drivers*	Inside Laborers	Outside Employees	Total	Days Worked	Pick	Machine	Strip	Total		Fatal	Non-Fatal
Ajax Coal Company	Freeport No. 2	1	Freeport	2	2	1	1	2	49	314.00	{ 1 Jeffrey 35 BB Shortwall; 1 Miller Safety auger machine, 1 Jeffrey 35 L shortwall. { 36B Jeffrey shortwall; 29B Jeffrey Arcwall. { 2 arcwall; 6 bottom machines; 3 duckbill; 6 conveyors; 1 Joy loader. { 1 shovel and 1 Dozer with pan. { 3 shovels; 1 Neil pan, 3 Bulldozers, { 4 35B Jeffrey; 3 35BB; 3 35BC; 8 shaking conveyors. { 1 Miller.
Allegany Coal Corporation	Allegany No. 1	1	Bakerstown	10	2	1	1	14	270	13,295.01	.....	.....	.....	.....	.....
Apple Coal Co.	Apple No. 1	2	Bakerstown	9	2	1	2	14	177	5,328.17	.....	.....	.....	.....	.....
Barrick Coal Mine, James E.	Beachy	1	Freeport	3	3	1	1	4	156	1,087.00	.....	.....	.....	.....	.....
Bennett, Howard A.	Mill Run No. 1	2	Upper Freeport	2	1	.....	.....	2	24	133.00	.....	.....	.....	.....	.....
Blue Flame Coal Company	Beachy	1	Upper Freeport	2	1	.....	.....	3	245	975.00	.....	.....	.....	.....	.....
Blue Flame Coal Company	Mill Run No. 1	2	Bakerstown	6	1	.....	.....	7	219	4,092.10	.....	.....	.....	.....	.....
Bowman, Clyde E.	Strip	Strip	Big Vein	.....	.....	.....	8	8	20	5,283.14	.....	.....	.....	.....	.....
Bray Coal Company	Strip	Strip	Kittanning	3	.....	.....	.....	3	115	2,815.00	.....	.....	.....	.....	.....
Breneman, Mrs. Dennis	Black Diamond	2	Upper Freeport	2	.....	.....	.....	2	176	825.01	.....	.....	.....	.....	.....
Burnell Coal Company, Inc.	Black Diamond	2	Lower Kittanning	1	.....	.....	.....	1	147	776.10	.....	.....	.....	.....	.....
Collins, Robert	Jenkins	2	Bakerstown	19	2	.....	.....	23	320	391.00	.....	.....	.....	.....	.....
The Davis Coal and Coke Company	Collins	2	Upper Freeport	2	.....	.....	.....	2	96	5,505.00	.....	.....	.....	.....	.....
Del Signore, Stanya Coal Company	Kempton No. 42	2	Bakerstown	75	22	49	16	162	232	687.00	.....	.....	.....	.....	.....
DeMarco Mine	DeMarco	1	Upper Freeport	3	.....	.....	.....	3	87	27,278.00	.....	.....	.....	.....	.....
Duckworth, R. S.	DeMarco	2	Brookville	2	.....	.....	.....	2	130	639.07	.....	.....	.....	.....	.....
Dunlo Coal Co., Inc.	Troy-12	Strip	Freeport	3	.....	.....	.....	3	81	154.00	.....	.....	.....	.....	.....
Ezenbaker Co., Inc.	Troy-12	Strip	Upper Freeport	1	.....	.....	.....	1	5	818.00	.....	.....	.....	.....	.....
Franklin Hills Mining Company	Phoenix Hoffa No. 4	Strip	Lr. Kittanning	16	.....	.....	.....	16	141	5.00	.....	.....	.....	.....	.....
Garrett Coal Corporation	Earl No. 2	1	Big Vein	48	11	1	12	72	194	83,363.00	.....	.....	.....	.....	.....
Garrett County Refractories Company (Meadow & Negro Mt.)	Earl No. 2	Strip	Unknown	.....	.....	.....	.....	10	110	.....	.....	.....	.....	.....	.....
Grantsville Coal Company	Shaw 462	1	Upper Freeport	9	2	2	2	15	257	10,394.05	.....	.....	.....	.....	.....
W. H. Haenfling Coal Co.	Robt. Paugh	2	Bakerstown	1	.....	.....	.....	1	87	412.00	.....	.....	.....	.....	.....
Harvey, Charles	Harvey	.....	Freeport	6	.....	.....	.....	6	42	702.00	.....	.....	.....	.....	.....
Harvey, Ralph	Harvey	.....	Freeport	3	.....	.....	.....	4	173	1,103.00	.....	.....	.....	.....	.....
Hill Top Mining Company	Roth	.....	Freeport	1	.....	.....	.....	1	114	224.00	.....	.....	.....	.....	.....
Johnston Coal & Coke Company	Hill Top	Strip	Big Vein	.....	.....	.....	.....	14	61	17,994.00	.....	.....	.....	.....	.....
Lee Coal Company	Manor No. 3	1	Big Vein	102	26	37	35	200	202	40,995.12	.....	.....	.....	.....	.....
Lee Coal Company	Jenkins No. 1	2	Freeport	6	1	.....	.....	7	20	564.14	.....	.....	.....	.....	.....
McNitt Coal Company	Ezra Michaels No. 2	1	Bakerstown	43	11	5	6	65	191	3,960.00	.....	.....	.....	.....	.....
M. & M. Coal Company	Hamill	1	Lr. Kittanning	2	.....	.....	.....	2	.....	47,910.08	.....	.....	.....	.....	.....
Merrbach, Theodore	Laurel No. 1	1	Lower Freeport	2	.....	.....	.....	2	.....	6.10	.....	.....	.....	.....	.....
Arch Michaels Coal Co.	Meadow Mt.	.....	Middle Freeport	1	.....	.....	.....	1	55	109.00	.....	.....	.....	.....	.....
Mill Run George's Creek Coal Co.	Michaels	.....	Bakerstown	3	.....	.....	.....	4	114	1,511.00	.....	.....	.....	.....	.....
Moran & Sons, Edward S.	Ezra Michaels No. 1	2	Bakerstown	3	.....	.....	.....	4	247	3,312.00	.....	.....	.....	.....	.....
Myers Coal Company	Luise No. 1	Strip	Big Vein	.....	.....	.....	.....	6	140	71,355.00	.....	.....	.....	.....	.....
Nethkin Coal Co., George M.	Luise No. 2	1	Lower Freeport	14	2	2	3	21	195 1/2	5,646.14	.....	.....	.....	.....	.....
Pattison, Charles	Milt No. 1	2	Freeport	2	1	1	1	5	214	2,601.16	.....	.....	.....	.....	.....
Paugh Bros.	Pattison No. 3	5	Bakerstown	4	.....	.....	.....	6	230	2,786.00	.....	.....	.....	.....	.....
Paugh, Dewey	Pattison 1-2	.....	Bakerstown	3	.....	.....	.....	4	181	2,809.00	.....	.....	.....	.....	.....
Paugh, Earl	Paugh	.....	Freeport	1	.....	.....	.....	1	142	1,646.00	.....	.....	.....	.....	.....
Pritts Brothers Coal Co.	Paugh, Earl	.....	Freeport	1	.....	.....	.....	1	154	645.00	.....	.....	.....	.....	.....
Russell Mining Company	Pee Wee	1	Freeport	11	4	1	2	18	200	589.00	.....	.....	.....	.....	.....
Sharpless, Leslie B.	Russell No. 3848	Strip	Big Vein	.....	.....	.....	.....	42	86	15,473.00	.....	.....	.....	.....	.....
	Rawlings	1	Kittanning	.....	.....	.....	.....	9	185	5,392.00	.....	.....	.....	.....	.....

* Includes Motormen, Brakemen, etc.

Statistics of Coal Production, Calendar Year 1946

GARRETT COUNTY—Continued

Name of Operator	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees					Output Statistics (Cwt Net Tons)	Accidents		Mining Machines and Equipment					
				Miners	* Drivers	Inside Laborers	Outside Employees	Total		Number of Days Worked	Pick		Machine	Strip	Total	Fatal	Non-Fatal
Stephen & Ridder Coal Co.		Strip	Big Vein	2			8	8	42	215.00			10,780.00				
Steyer, Keith Company	Harvey & Dawson		Freeport	3	1			4	51	1,807.00			1,807.00				
Tasker, Coal Company	Tasker		Bakerstown	2				2	205	198.00			198.00				
Tasker (John W.) & Sharpless (Lewis)	Tasker		Bakerstown	1				1	47	140.18			140.18				
Thomas Coal Co., Carson	Moscow No. 2		Big Vein	2				2	179	965.00			965.00				
Uphole, George and Russell	Upperman	2	Bakerstown	2				2	61	278.00			278.00				
Upperman & Son	Upperman	2	U. p. Kittanning	2				2	95	925.00			925.00				
Upperman & Son	Paw	1	Lr. Kittanning	1				1	52	211.00			211.00				
Virts Coal Co., Stanley	Round Glade	1	Freeport	7	1			8	195	4,752.00			4,752.00			1 Miller.	
Wiener, Melvin	Wilson	2	Lr. Kittanning	1				1	23	26.00			26.00				
Wilson, Hayden N.	Wolf Den	2	Freeport	2				2	221	869.00			869.00			3 29B.	
Wolf Den Coal Corporation			Lr. Kittanning	48	10	4	11	73	197	6,602.10			61,758.10				
				497	130	107	215	949	8,298	308,995.15		415,608.09	279,641.12	1,004,245.16	1	125	

FIRE CLAY PRODUCTION—GARRETT COUNTY

Garrett County Refractories Co.	Negro Mt	Strip	Hard & Soft Clay														
Garrett County Refractories Co.	Yoder property	Strip	Soft Clay														
				15			15	15	96					25,063.00			
				15			15	15	10					2,914.00			
				30			30	30	106					27,977.00			

*Includes Motormen, Brakemen, etc.

TONNAGE BY COAL SEAM—1946**Allegany County**

	Net Tons (cwt.)
Big Vein	635,301.12
Tyson	164,379.08
Waynesburg	113,452.00
Bakerstown	71,148.06
Franklin	12,776.00
Parker	7,255.00
Bluebaugh	6,953.00
Unknown	4,962.04
Upper Kittanning	3,480.12
Freeport	3,431.00
Lower Freeport	2,850.00
Kittanning	1,159.00
Little Pittsburgh	895.00
Lower Tyson	391.00
Montell	190.00
Total	1,028,624.02

Garrett County

Lower Kittanning	422,633.16
Upper Freeport	278,582.12
Big Vein	175,165.06
Bakerstown	39,868.06
Unknown	32,309.00
Freeport	30,077.10
Lower Freeport	13,232.06
Kittanning	11,189.00
Upper Kittanning	925.00
Brookville	154.00
Middle Freeport	109.00
Total	1,004,245.16

TONNAGE BY BASIN—1946

Basin	Net Tons (cwt.)
George's Creek	1,220,362.19
Upper Potomac	680,940.18
Castleman	114,836.17
Upper Youghiogheny	16,729.54
Total	2,032,869.18

TABLE OF MINE INSPECTIONS
ALLEGANY COUNTY
CALENDAR YEAR 1946

Date	Name of Company and Mine	Address	Inspector
Jan.	3—Consolidated Fuel Co., Mine No. 3.....	Frostburg	Rowe
"	3—McKenzie & Stevens, Borden Mine.....	Frostburg	Powers
"	3—Charles Shriver, Border Mine.....	Frostburg	Powers
"	3—Evans Fuel Co., Evans Mine.....	Frostburg	Powers
"	3—C. O. Workman, Workman Mine.....	Frostburg	Powers
"	3—Robinson Coal Co., Robinson Mine.....	Frostburg	Powers
"	5—The George's Creek Coal Co., Inc., No. 2 Big Vein	Lonaconing	Powers
"	7—The Big Savage Refractories Corp., No. 6 Clay.....	Big Savage	Powers
"	11—Howard A. Bennett, Bennett No. 1.....	Westernport	Rowe
"	14—Henry S. Barnes & Son, Strip Mine.....	Midlothian	Powers
"	17—C. O. Workman, Workman Mine.....	Frostburg	Powers
"	18—Bond & Foote, Foote Mine.....	Frostburg	Rowe
"	18—The Cross Bros.....	Midlothian	Powers
"	18—Miners Big Vein Coal Co., Bivecol No. 1.....	Frostburg	Rowe
"	21—Kirkwood & Hitchins Coal Co., Blue-Bell Mine.....	Lonaconing	Powers
"	24—Consolidated Fuel Co., Mine No. 1.....	Ocean	Powers
"	30—George's Creek Coal Co., Inc., Ben Franklin Mine	Lonaconing	Powers
Feb.	1—Mt. Savage Refractories Corp., Barrelville Clay....	Barrelville	Powers
"	11—Campbell Coal Co., Mill Run Mine.....	Piedmont, W. Va.	Rowe
"	12—Campbell Coal Co., Hampshire No. 3.....	Piedmont, W. Va.	Rowe
"	12—Campbell Coal Co., Hampshire No. 2.....	Piedmont, W. Va.	Rowe
"	13—Koontz Coal Co., Swanton Big Vein.....	Frostburg	Rowe
"	18—George's Creek Coal Co., Inc., No. 2 Big Vein.....	Lonaconing	Powers
"	18—A. P. Hoffa Coal Co., Hoffa No. 4.....	Barton	Rowe
"	19—Maryland Fuel Co., Maryland No. 3.....	Frostburg	Rowe
"	25—The New Coal Co., Borden Mine.....	Frostburg	Powers
"	25—Metz Coal Co., Metz Mine.....	Barton	Rowe
"	26—Connors-Haines Coal Co., Jackson No. 2.....	Lonaconing	Rowe
"	26—Stanley Fazenbaker & Son, Fazenbaker Mine.....	Barton	Rowe
"	26—Bradley-Pollock Coal Co., Stationary Mine.....	Barton	Rowe
March	4—Consolidated Fuel Co., No. 4 Mine.....	Eckhart	Powers
"	8—Koontz Coal Co., Swanton.....	Frostburg	Rowe
"	13—George's Creek Coal Co., Inc., Ben Franklin Mine	Lonaconing	Powers
"	15—Barton Jackson Coal Co., Hungry Hill No. 2.....	Barton	Rowe
"	19—Cumberland Parker Seam Coal Corp., Parker No. 2	Newtown	Powers
"	19—Franklin Hills Mining Co., Franklin Hill Mine.....	Cumberland	Rowe
"	21—George's Creek Coal Co., Inc., Ben Franklin.....	Lonaconing	Powers
"	25-26—Consolidated Fuel Co., Mine No. 1.....	Ocean	Powers
"	28—Big Vein Coal Co., of Lonaconing, Castle 1 Mine..	Koontz	Powers
April	25—Mt. Savage Refractories Corp., Barrelville Mine..	Barrelville	Powers
May	2—Big Savage Refractories Corp., No. 6 Fire Clay....	Mt. Savage	Powers
"	16—Victory Coal Co., Allegany Mine.....	Barrelville	Powers
"	21—George's Creek Coal Co., Inc., Ben Franklin.....	Lonaconing	Powers
"	22-23—George's Creek Coal Co., Inc., No. 5 Waynesburg..	Lonaconing	Powers
June	7—Potomac George's Creek & Big Vein Coal Co.....	Lonaconing	Rowe
"	7—George F. Hazelwood & Co., Hampshire Hill.....	Cumberland	Rowe
"	7—George's Creek Coal Co., No. 2 Big Vein.....	Lonaconing	Powers
"	13-14—Big Vein Coal Co. of Lonaconing, Castle G No. 1	Koontz	Powers
"	17—Thomas J. Clark & Bro., Clarks Mine.....	Barton	Rowe
"	21—Miners Big Vein Coal Co., Bivecol No. 1.....	Frostburg	Rowe
"	24—Mill Run Coal Co., Mine No. 1.....	Westernport	Rowe
July	22—Consolidated Fuel Co., Hoffman No. 3.....	Frostburg	Rowe
"	25—Maryland Fuel Co., Maryland No. 3.....	Frostburg	Rowe
"	29—Campbell Coal Co., Mill Run Mine.....	Piedmont, W. Va.	Rowe
"	31—Koontz Coal Co., Swanton Big Vein Mine.....	Frostburg	Rowe
Aug.	9—Campbell Coal Co., Hampshire No. 3.....	Piedmont, W. Va.	Rowe
"	9-20—Campbell Coal Co., Hampshire No. 2.....	Piedmont, W. Va.	Rowe
"	19—A. P. Hoffa, Hoffa No. 4.....	Barton	Rowe
"	21—Metz Coal Co., Metz Mine.....	Barton	Rowe
"	29—Big Vein Coal Co. of Lonaconing, Castle No. 1.....	Koontz	Powers

**TABLE OF MINE INSPECTIONS
ALLEGANY COUNTY
CALENDAR YEAR 1946**

Date	Name of Company and Mine	Address	Inspector
Sept.	5—George's Creek Coal Co., Inc., No. 2 Big Vein.....	Lonaconing	Powers
"	6—Parker Hi-Grade Coal Co., Parker Mine.....	Barrelville	Powers
"	9—George's Creek Coal Co., Inc., Ben Franklin.....	Lonaconing	Powers
"	13—Big Savage Refractories Corp., No. 6 Fire Clay....	Savage Mt.	Powers
Oct.	8—Russell Mining Co., Sonny No. 2.....	Cumberland	Rowe
"	14—Thomas J. Clark & Bro., Clark's Mine.....	Barton	Rowe
"	16—Big Vein Coal Co. of Lonaconing, Castle G. Mine...	Lonaconing	Powers
"	17—Big Savage Refractories Corp., No. 6 Clay Mine....	Savage Mt.	Powers
"	18—Miners Big Vein Coal Co., Bivecol No. 1.....	Lonaconing	Rowe
"	18—Macanek Coal Co., Macanek No. 1.....	Frostburg	Rowe
"	18—Jacob Miller & Son, Sonny Tyson Mine.....	Lonaconing	Rowe
"	21—Consolidated Fuel Co., Mine No. 3.....	Frostburg	Rowe
"	23—Howard A. Bennett, Bennett No. 1.....	Westernport	Rowe
"	25—Russell Mining Co., Hampshire No. 2.....	Cumberland	Rowe
"	25—Potomac Big Vein George's Creek Coal Co., Potomac B.	Lonaconing	Rowe
"	28—Russell Mining Co., Sonny No. 1 Mine.....	Cumberland	Rowe
"	28—Haines-Connors Coal Co., Jackson No. 2.....	Lonaconing	Rowe
"	29—John L. George, George No. 2.....	Barton	Rowe
"	29—Johnson Coal Co., Langham Mine.....	Barton	Rowe
"	30—Koontz Coal Co., Swanton Bakerstown.....	Frostburg	Rowe
"	31—Meyers Mine, Meyers Mine.....	Barton	Rowe
"	31—Beeman & Kyle, Mine No. 1.....	Barton	Rowe
"	31—Alvie E. Moore, Alma Mine.....	Barton	Rowe
Nov.	5—Aden Coal Co., Aden Mine.....	Westernport	Rowe
"	5—Braddock Coal Co., Braddock No. 2.....	Westernport	Rowe
"	7—Jos. Robertson, Robertson Mine.....	Barton	Rowe
"	7—Fazenbaker & Son, Fazenbaker Mine.....	Barton	Rowe
"	7—Lionel Clark, Clark Mine.....	Barton	Rowe
"	7—Russell Mining Co., Sonny No. 2.....	Cumberland	Rowe
Nov. 18, Dec.	12—Campbell Coal Co., Hampshire No. 2.....	Piedmont, W. Va.	Rowe
"	18—Campbell Coal Co., Hampshire No. 3.....	Piedmont, W. Va.	Rowe
Dec.	11—Maryland Fuel Co., Maryland No. 3.....	Frostburg	Rowe
"	13—Mill Run Coal Co., Mill Run No. 1.....	Westernport	Rowe
"	16—Koontz Coal Co., Swanton Big Vein Mine.....	Frostburg	Rowe
"	19—Campbell Coal Co., Mill Run Mine.....	Piedmont, W. Va.	Rowe
"	30-31—McNitt Coal Co., Big Vein Mine.....	Midlothian	Powers

TABLE OF MINE INSPECTIONS
GARRETT COUNTY
CALENDAR YEAR 1946

Date	Name of Company and Mine	Address	Inspector
Jan.	2—Allegany Coal Corp., Mine No. 1.....	Jennings	Powers
"	9—Davis Coal & Coke Co., No. 42.....	Kempton, W. Va.	Rowe
"	10—McNitt Coal Co., Hamill No. 1.....	Frostburg	Rowe
"	14-15—Wolf Den Coal Corp., Wolf Den Mine.....	Shallmar	Rowe
"	15—Fred Bittinger, Bittinger Mine.....	Bittinger	Powers
"	15—John Butzel, Butzel Mine.....	Bittinger	Powers
"	16—Myers Coal Co., Beachy Mine.....	Shade Run	Powers
"	16—Myers Coal Co., Charleston W. V. Louisa No. 2.....	Gormanias, W. Va.	Rowe
"	17—Garrett Coal Corp., Earl No. 3.....	Kitzmiller	Rowe
"	17—Garrett Coal Corp., Earl No. 2.....	Kitzmiller	Rowe
"	22—Ajax Coal Co., Mine No. 2.....	Westernport	Rowe
"	22—Ralph Harvey, Martin Mine.....	Swanton	Powers
"	22—Burnwell Coal Co., Jenkins Mine.....	New Germania	Rowe
"	22—Stanley Virts, Pew Mine.....	Swanton	Rowe
"	23-28-29-30—Johnstown Coal & Coke Co., Manor No. 3.....	Vindex	Rowe
"	25—Michaels-Evans Coal Co., Doc. Michaels Mine.....	Westernport	Rowe
"	28—Allegany Coal Corp., Mine No. 1.....	Jennings	Powers
Feb.	1—Carson Thomas, Mine Pecal No. 4.....	Barton	Rowe
"	4—Apple Coal Co., Apple No. 1.....	Steyer	Rowe
"	8—Charles Pattison, Mine No. 1.....	Bloomington	Rowe
"	8—Charles Pattison, Mine No. 2.....	Bloomington	Rowe
"	8—Charles Pattison, Mine No. 3.....	Bloomington	Rowe
"	14—George Nethken Coal Co., Milt No. 1.....	Kitzmiller	Rowe
"	14—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller	Rowe
"	27—James Di Mark, Di Mark Mine.....	Kitzmiller	Rowe
March	5—Lester Steyer, Steyer's Mine.....	Mt. Lake	Rowe
"	5—Keith Steyer, Mersing Mine.....	Mt. Lake	Rowe
"	5—Edward Tasker, C. V. Harvey Mine.....	Deer Park	Rowe
"	6—Grantsville Coal Co., Shaw Mine.....	Negro Mt.	Powers
"	8—Allegany Coal Corp., No. 1 Mine.....	Jennings	Powers
"	12-13—Davis Coal & Coke Co., No. 42 Mine.....	Kempton, W. Va.	Rowe
"	14—Burnwell Coal Co., Jenkins Strip.....	Grantsville	Powers
"	19—Edw. Moran & Sons, James No. 1 Mine.....	Westernport	Rowe
May	21—L. B. Rawlings, Rawlings Mine.....	Kitzmiller	Rowe
June	10—Ajax Coal Co., Ajax No. 1.....	Westernport	Rowe
"	11-12—Davis Coal & Coke Co., No. 42 Mine.....	Kempton, W. Va.	Rowe
"	13—Myers Coal Co., Louisa No. 2.....	Gormanias, W. Va.	Rowe
"	18-20—Wolf Den Coal Corp., Wolf Den Mine.....	Shallmar	Rowe
"	25—McNitt Coal Co., Hamill No. 1.....	Frostburg	Rowe
"	27—Lee Coal Co., & Mill Run Geo. Creek Coal Co., Ez Michaels 1 & 2.....	Westernport	Rowe
July	16—Bettors-Ford Coal Co.....	Frostburg	Rowe
"	16—Cross Fuel Co.....	Westernport	Rowe
"	17—Russell Mining Co., Phoenix-Hill Mine.....	Cumberland	Rowe
"	23—Garrett Coal Corp., Earl No. 3.....	Vindex	Rowe
"	23—Garrett Coal Corp., Earl No. 2.....	Kitzmiller	Rowe
"	24—Ridder Bros., Mt. Zion Mine.....	Kitzmiller	Rowe
"	24—Stanley Virts, Pew 1 & 2.....	Swanton	Rowe
"	26—George M. Nethken Coal Co., Milt, No. 1.....	Kitzmiller	Rowe
"	26—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller	Rowe
"	30.		
Aug.	8, 12, 13—Johnstown Coal & Coke Co., Manor No. 3.....	Vindex	Rowe
"	6—Ridder & Stephens Coal Co., Mt. Zion Mine.....	Kitzmiller	Rowe
"	14-15—Davis Coal & Coke Co., Mine No. 42.....	Kempton, W. Va.	Rowe
"	22—Ed. S. Moran & Sons, Mine No. 1.....	Westernport	Rowe
"	23—Ellis Coal Co., Ellis Mine.....	Swanton	Rowe
"	23—James Fazenbaker, Fazenbaker Mine.....	Bloomington	Rowe
"	26—Del Signore Stanya Coal Co., Gilbert Mine.....	Gormanias, W. Va.	Rowe
"	26—R. C. Blackburn, Backbone Mine.....	Bayard, W. Va.	Rowe
"	29—Upperman & Son, Mine No. 2.....	Deer Park	Rowe

TABLE OF MINE INSPECTIONS
GARRETT COUNTY
CALENDAR YEAR 1946

Date	Name of Company and Mine	Address	Inspector
"	29—W. J. & Lester Paugh, L. S. Paugh Mine.....	Deer Park	Rowe
"	29—W. H. Haenftling Coal Co., Robt. Paugh Mine.....	Accident	Rowe
"	30—Allegany Coal Corp., No. 1 Mine.....	Jennings	Powers
Sept.	30—Leslie B. Sharpless, Rawling No. 1 Mine.....	Kitzmiller	Rowe
Oct.	1-8—Wolf Den Coal Corp., Wolf Den Mine.....	Shallmar	Rowe
"	8—Hill Top Coal Co., Hilltop Mine.....	Westernport	Rowe
"	8—Bettors-Ford Coal Co., Pecal Mine.....	Frostburg	Rowe
"	10-11—Davis Coal & Coke Co., No. 42 Mine.....	Kempton, W. Va.	Rowe
"	15—Ajax Coal Co., Ajax No. 1.....	Westernport	Rowe
"	16—Tasker Coal Co., C. V. Harvey Mine.....	Deer Park	Rowe
"	16—Haenftling Coal Co., Robt. Paugh Mine.....	Accident	Rowe
"	16—Dundo Coal Co., Troy No. 12.....	Windber, Pa.	Rowe
"	17—M. & M. Coal Co., Laurel No. 1.....	Oakland	Rowe
"	17—Apple Coal Co., Apple No. 1.....	Steyer	Rowe
"	22—Myers Coal Co., Louisa No. 2.....	Charlestown, W. Va.	Rowe
"	29—Carson Thomas, Pecal Mine.....	Barton	Rowe
"	29—Bettors-Ford Coal Co., Pecal Mine.....	Frostburg	Rowe
Nov.	4—Wilson Bros. Wilson Mine.....	Westernport	Rowe
"	4—Irvin Herman, Herman Mine.....	Westernport	Rowe
"	4—Edw. S. Moran & Sons, James No. 1 Mine.....	Westernport	Rowe
"	6—No. 1 Mill Run George's Creek Coal Co., & No. 2 Lee Coal Co., Ex Michaels 1 & 2 Mines.....	Westernport	Rowe
"	8—Garrett Coal Corp., Earl No. 2.....	Kitzmiller	Rowe
"	8—Garrett Coal Corp., Earl No. 3.....	Kitzmiller	Rowe
"	14—McNitt Coal Co., Hamill No. 1.....	Frostburg	Rowe
"	15—Stephens-Ridder Coal Co., Mt. Zion.....	Kitzmiller	Rowe
Dec.	9—Harvey Bros., Ajax No. 2.....	Swanton	Rowe
"	9—Stanley Virts, Pew No. 2.....	Swanton	Rowe
"	9—Stanley Virts, Pew No. 1.....	Swanton	Rowe
"	10—Davis Coal & Coke Co., No. 42 Mine.....	Kempton, W. Va.	Rowe
"	10—Duckworth Coal Co., Duckworth Mine.....	Swanton	Rowe
"	10—Ralph Harvey, No. 1 Mine.....	Swanton	Rowe
"	10—Ridder-Stephens Coal Co., Mt. Zion Mine.....	Kitzmiller	Rowe
"	17-18—Davis Coal & Coke Co., No. 42 Mine.....	Kempton, W. Va.	Rowe

TABLE OF MINE SCALE INSPECTIONS
ALLEGANY COUNTY
CALENDAR YEAR 1946

J. DeSales Maher, Inspector.

Date	Name of Company and Mine	Address
Jan.	2—Koontz Coal Co., Swanton Mine.....	Barton
"	3—George's Creek Coal Co., Franklin Mine Truck Scale.	Lonaconing
"	3—George's Creek Coal Co., Franklin Mine.....	Lonaconing
"	4—Consolidated Fuel Co., Mine No. 1.....	Frostburg
"	8—Thomas J. Clark & Bros., Barton Mine.....	Barton
"	9—Consolidated Fuel Co., Mine No. 10.....	Eckhart Mines
"	11—Little Ben Coal Co., Victory Mine.....	Barrelville
"	16—George's Creek Barton Coal Co., Mill Run Mine.....	Barton
"	18—Consolidated Fuel Co., Mine No. 3.....	Frostburg
"	21—Cumberland Parker Seam Coal Co., Parker Mine No. 2	Barrelville
"	23—Big Vein Coal Co. of Lonaconing, Castle G Mine.....	Lonaconing
"	28—McNitt Coal Co., Mine No. 2.....	Frostburg
Feb.	4—George's Creek Coal Co., Waynesburg Mine.....	Lonaconing
"	5—Campbell Coal Co., Hampshire Mine.....	Barton
"	25—Campbell Coal Co., Freeport Mine.....	Barton
"	27—Cumberland Parker Seam Coal Co., Parker Mine No. 2	Barrelville
March	1—Consolidated Fuel Co., Mine No. 1.....	Frostburg
"	14—Little Ben Coal Co., Victory Mine.....	Barrelville
"	18—Campbell Coal Co., Mill Run Mine.....	Barton
"	19—Consolidated Fuel Co., Mine No. 17.....	Frostburg
"	21—Koontz Coal Co., Swanton Mine.....	Barton
"	22—Consolidated Fuel Co., Mine No. 3.....	Hoffman
"	25—Big Vein Coal Co. of Lonaconing, Castle G Mine.....	Lonaconing
"	27—Big Savage Refractories, Hard Clay Mine.....	Frostburg
"	27—Big Savage Refractories, Soft Clay Mine.....	Frostburg
April	24—Big Savage Refractories, Soft Clay Mine.....	Frostburg
"	24—Big Savage Refractories, Hard Clay Mine.....	Frostburg
May	16—Ajax Coal Co., Mill Run Mine.....	Westernport
"	20—Big Vein Coal Co. of Lonaconing, Castle G Mine.....	Lonaconing
"	21—Little Ben Coal Co., Victory Mine.....	Barrelville
"	23—Campbell Coal Co., Hampshire Mine.....	Barton
"	24—Consolidated Fuel Co., Mine No. 3.....	Frostburg
June	3—Consolidated Fuel Co., Mine No. 1.....	Frostburg
"	3—Cumberland Parker Seam Coal Co., Parker Mine No. 2	Barrelville
"	7—Miners Big Vein Coal Co., Bivecol Mine.....	Lonaconing
"	13—Big Vein Coal Co. of Lonaconing, Castle G Mine.....	Lonaconing
"	14—Koontz Coal Co., Swanton Mine.....	Barton
"	24—Mill Run George's Creek Coal Co., Mill Run Mine.....	Westernport
"	25—George's Creek Coal Co., Waynesburg Mine.....	Lonaconing
"	27—North American Refractories Co., Clay Mine.....	Frostburg
"	28—Consolidated Fuel Co., Mine No. 17.....	Frostburg
July	3—A. P. Hoffa Coal Co., Pekin Mine.....	Barton
"	9—Consolidated Fuel Co., Mine No. 3.....	Frostburg
"	10—George's Creek Coal Co., Mine No. 2.....	Lonaconing
"	16—Thomas J. Clark & Bros. Coal Co., Barton Mine.....	Barton
"	18—Little Ben Coal Co., Victory Mine.....	Barrelville
"	19—Koontz Coal Co., Swanton Mine.....	Barton
"	19—Campbell Coal Co., Mill Run Mine.....	Barton
"	22—Big Savage Refractories, Inc., Hard Clay Mine.....	Frostburg
"	22—Big Savage Refractories, Inc., Soft Clay Mine.....	Frostburg
"	23—Consolidated Fuel Co., Mine No. 10.....	Frostburg
"	26—Consolidated Fuel Co., Mine No. 1.....	Frostburg
"	30—Big Vein Coal Co. of Lonaconing, Castle G Mine.....	Lonaconing
Aug.	1—Campbell Coal Co., Hampshire Mine.....	Barton
"	2—Miners Big Vein Coal Co., Bivecol Mine.....	Lonaconing

TABLE OF MINE SCALE INSPECTIONS
ALLEGANY COUNTY
CALENDAR YEAR 1946

J. DeSales Maher, Inspector.

Date	Name of Company and Mine	Address
"	5—George's Creek Coal Co., Waynesburg Mine.....	Lonaconing
"	9—Metz Coal Co., Barton Mine.....	Barton
"	20—Mill Run Coal Co., Mill Run Mine.....	Westernport
"	30—McNitt Coal Co., Mine No. 2.....	Frostburg
Sept.	4—Little Ben Coal Co., Victory Mine.....	Barrelville
"	9—Consolidated Fuel Co., Mine No. 17.....	Frostburg
"	10—Big Vein Coal Co. of Lonaconing, Castle G Mine....	Lonaconing
"	16—Little Ben Coal Co., Victory Mine.....	Barrelville
"	18—A. P. Hoffa Coal Co., Pekin Mine.....	Barton
"	19—Miners Big Vein Coal Co., Bivercol Mine.....	Lonaconing
"	23—Campbell Coal Co., Hampshire Mine.....	Barton
"	24—George's Creek Coal Co., Waynesburg No. 4.....	Lonaconing
Oct.	1—Consolidated Fuel Co., Mine No. 1.....	Frostburg
"	2—Consolidated Fuel Co., Mine No. 10.....	Frostburg
"	3—Mill Run Coal Co., Mill Run Mine.....	Westernport
"	11—Big Vein Coal Co. of Lonaconing, Castle G Mine....	Lonaconing
"	21—George's Creek Coal Co., Mine No. 4.....	Lonaconing
"	24—Campbell Coal Co., Mill Run Mine.....	Barton
"	28—Little Ben Coal Co., Victory Mine.....	Cumberland
"	28—Wallace Coal Co., Wallace Mine.....	Cumberland
"	28—Silver Crest Coal Co., Mt. Savage Preparation Plant Truck Scale	Cumberland
"	29—McNitt Coal Co., Mine No. 2.....	Midlothian
"	29—Consolidated Fuel Co., Mine No. 10.....	Frostburg
"	29—Big Vein Coal Co. of Lonaconing, Union No. 1 Fuel Scale	Lonaconing
"	29—Big Vein Coal Co. of Lonaconing, Union Tipple Scale.	Lonaconing
"	30—George's Creek Coal Co., Mine No. 2, Fuel Scale..	Lonaconing
"	30—George's Creek Coal Co., Mine No. 2.....	Lonaconing
"	30—George's Creek Coal Co., Waynesburg Mine No. 4..	Lonaconing
"	30—George's Creek Coal Co., Waynesburg Mine Fuel Tipple	Lonaconing
"	30—Consolidated Fuel Co., Mine No. 1.....	Frostburg
Nov.	8—Big Vein Coal Co. of Lonaconing, Castle G Mine....	Lonaconing
"	8—Campbell Coal Co., Hampshire Mine.....	Barton
"	8—Miners Big Vein Coal Co., Bivercol Mine.....	Lonaconing
"	12—Koontz Coal Co., Swanton Mine.....	Barton
"	12—A. P. Hoffa Coal Co., Pekin Mine.....	Pekin
"	13—Consolidated Fuel Co., Mine No. 3.....	Frostburg
"	13—Metz Coal Co., Barton Mine.....	Barton
"	22—Big Savage Refractories, Inc., Soft Clay Mine....	Frostburg
"	22—Big Savage Refractories, Inc., Hard Clay Mine....	Frostburg
Dec.	6—McNitt Coal Co., Mine No. 3.....	Midlothian
"	12—Little Ben Coal Co., Victory Mine.....	Barrelville
"	20—Big Vein Coal Co. of Lonaconing, Castle Mine.....	Lonaconing
"	23—A. P. Hoffa Coal Co., Pekin Mine.....	Barton
"	24—McNitt Coal Co., Mine No. 2.....	Frostburg
"	26—Consolidated Fuel Co., Mine No. 3.....	Frostburg

TABLE OF MINE SCALE INSPECTIONS
GARRETT COUNTY
CALENDAR YEAR 1946

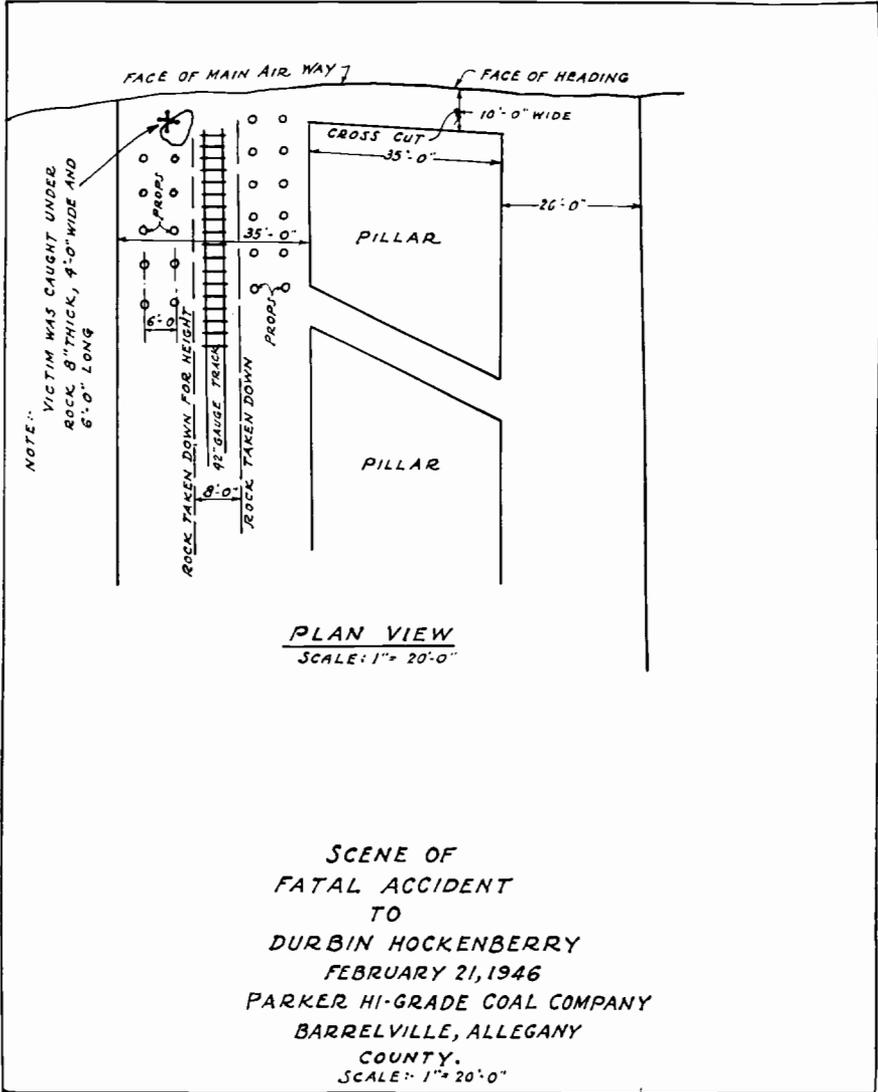
J. DeSales Maher, Inspector.

Date	Name of Company and Mine	Address
Jan.	7—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	10—Davis Coal & Coke Co., Mine No. 42.....	Kempton, W. Va.
"	14—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller
"	15—Myers Coal Co., Louisa No. 2.....	Gorman, W. Va.
"	17—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	22—Ajax Coal Co., Mill Run Mine.....	Mill Run
"	24—Wolf Den Coal Co., Shallmar Mine.....	Shallmar
"	29—Burnwell Coal Co., Jenkins Mine.....	Grantsville
"	30—Charles Pattison Coal Co., Bloomington Mine.....	Bloomington
"	31—McNitt Coal Co., Hamill Mine.....	Kitzmiller
Feb.	7—Garrett Coal Corp., Earl Mine No. 2.....	Kitzmiller
"	14—Davis Coal and Coke Co., Mine No. 42.....	Kempton, W. Va.
"	26—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	28—Myers Coal Co., Louisa No. 2.....	Gorman, W. Va.
March	11—Burnwell Coal Co., Jenkins Mine.....	Grantsville
"	12—McNitt Coal Co., Hamill Mine.....	Kitzmiller
"	13—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	15—Charles Pattison Coal Co., Bloomington Mine.....	Bloomington
"	20—Davis Coal & Coke Co., Mine No. 42.....	Kempton, W. Va.
"	26—Wolf Den Coal Co., Wolf Den Mine.....	Shallmar
"	28—Garrett Coal Corp., Earl Mine No. 2.....	Kitzmiller
"	29—Allegheny Coal Co., Mine No. 1.....	Jennings
April	2—Myers Coal Co., Louisa No. 2.....	Gorman
"	5—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	13—Wolf Den Coal Co., Wolf Den Mine.....	Shallmar
"	14—Davis Coal & Coke Co., Mine No. 42.....	Kempton, W. Va.
"	15—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	17—McNitt Coal Co., Hamill Mine.....	Kitzmiller
"	31—Myers Coal Co., Louisa No. 2.....	Gorman
June	5—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	6—Garrett Coal Co., Earl No. 2.....	Kitzmiller
"	11—Davis Coal & Coke Co., Mine No. 42.....	Kempton, W. Va.
"	12—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
July	1—Wolf Den Coal Co., Wolf Den Mine.....	Shallmar
"	8—McNitt Coal Co., Hamill Mine.....	Kitzmiller
"	11—Davis Coal & Coke Co., Mine No. 42.....	Kempton, W. Va.
"	15—Garrett Coal Corp., Earl Mine No. 2.....	Kitzmiller
"	24—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	25—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller
"	29—Myers Coal Co., Louisa Mine No. 2.....	Gorman
"	31—Charles Pattison Coal Co., Bloomington Mine.....	Bloomington
Aug.	6—Wolf Den Coal Co., Wolf Den Mine.....	Shallmar
"	7—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	8—Ajax Coal Co., Mill Run Mine.....	Mill Run
"	15—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	21—Davis Coal & Coke Co., Mine No. 42.....	Kempton
Sept.	4—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller
"	5—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	5—McNitt Coal Co., Hamill Mine.....	Kitzmiller
"	12—Myers Coal Co., Louisa No. 2.....	Gorman
"	13—L. B. Sharpless Coal Co., Rawlings Mine.....	Kitzmiller
"	16—Wolf Den Coal Co., Wolf Den Mine.....	Shallmar
"	17—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	20—Charles Pattison Coal Co., Bloomington Mine.....	Bloomington
"	25—Davis Coal & Coke Co., Mine No. 42.....	Kempton, W. Va.
"	26—Burnwell Coal Co., Jenkins Mine.....	Grantsville
"	27—Garrett Coal Corp., Earl No. 2.....	Kitzmiller
"	30—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex

TABLE OF MINE SCALE INSPECTIONS
CALENDAR YEAR 1946
GARRETT COUNTY

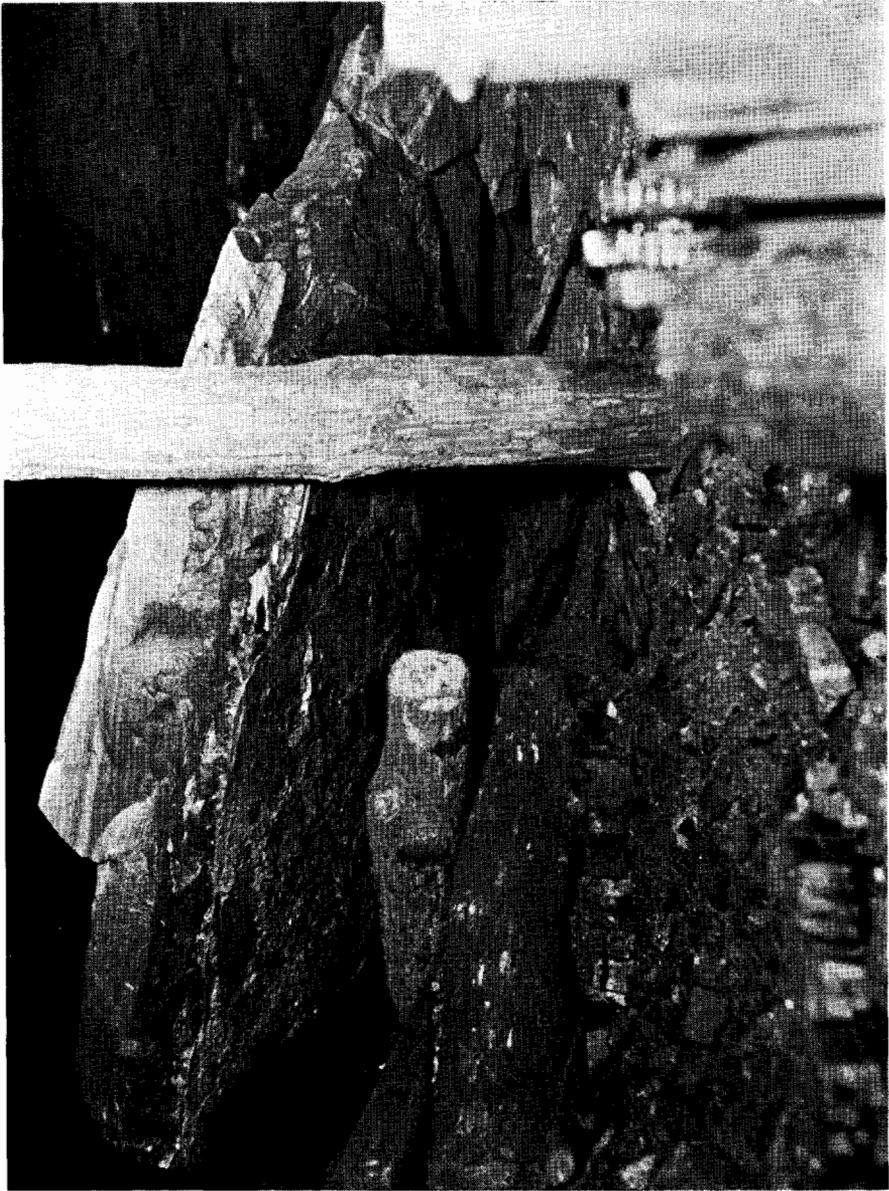
J. DeSales Maher, Inspector.

Date	Name of Company and Mine	Address
Oct.	9—Pritts Bro. Coal Co., Pee Wee Mine.....	Kitzmiller
"	9—George M. Nethken Coal Co., Milton Mine No. 1....	Kitzmiller
"	10—Wolf Den Coal Co., Wolf Den Mine.....	Shallmar
"	15—Alleghany Coal Corp., Mine No. 1.....	Jennings
"	22—Davis Coal & Coke Co., Mine No. 42.....	Kempton, W. Va.
"	23—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	31—Burnswell Coal Co., Jenkins Mine.....	Grantsville
"	31—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	31—Alleghany Coal Co., Mine No. 1.....	Jennings
Nov.	12—Campbell Coal Co., Mill Run Mine.....	Mill Run
"	12—Mill Run Coal Co., Mill Run Mine.....	Mill Run
"	13—Ajax Coal Co., Mill Run Mine.....	Mill Run
"	13—Howard Bennett Coal Co., Mill Run Mine.....	Mill Run
"	14—Garrett Coal Corp., Earl Mine No. 2.....	Kitzmiller
"	14—Wolf Den Coal Co., Wolf Den Mine.....	Shallmar
"	19—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller
"	20—Davis Coal & Coke Co., Mine No. 42.....	Kempton, W. Va.
"	21—Grantsville Coal Co., Sloan Mine.....	Grantsville
Dec.	11—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	13—Burnswell Coal Co., Jenkins Mine.....	Grantsville
"	16—Davis Coal & Coke Co., Mine No. 42.....	Kempton
"	17—George M. Nethken Coal Co., Milton Mine No. 1....	Kitzmiller
"	18—Ajax Coal Co., Mill Run Mine.....	Mill Run
"	27—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	30—Myers Coal Co., Louisa No. 2.....	Gormanica
"	31—L. B. Sharpless Coal Co., Rawlings Mine.....	Kitzmiller

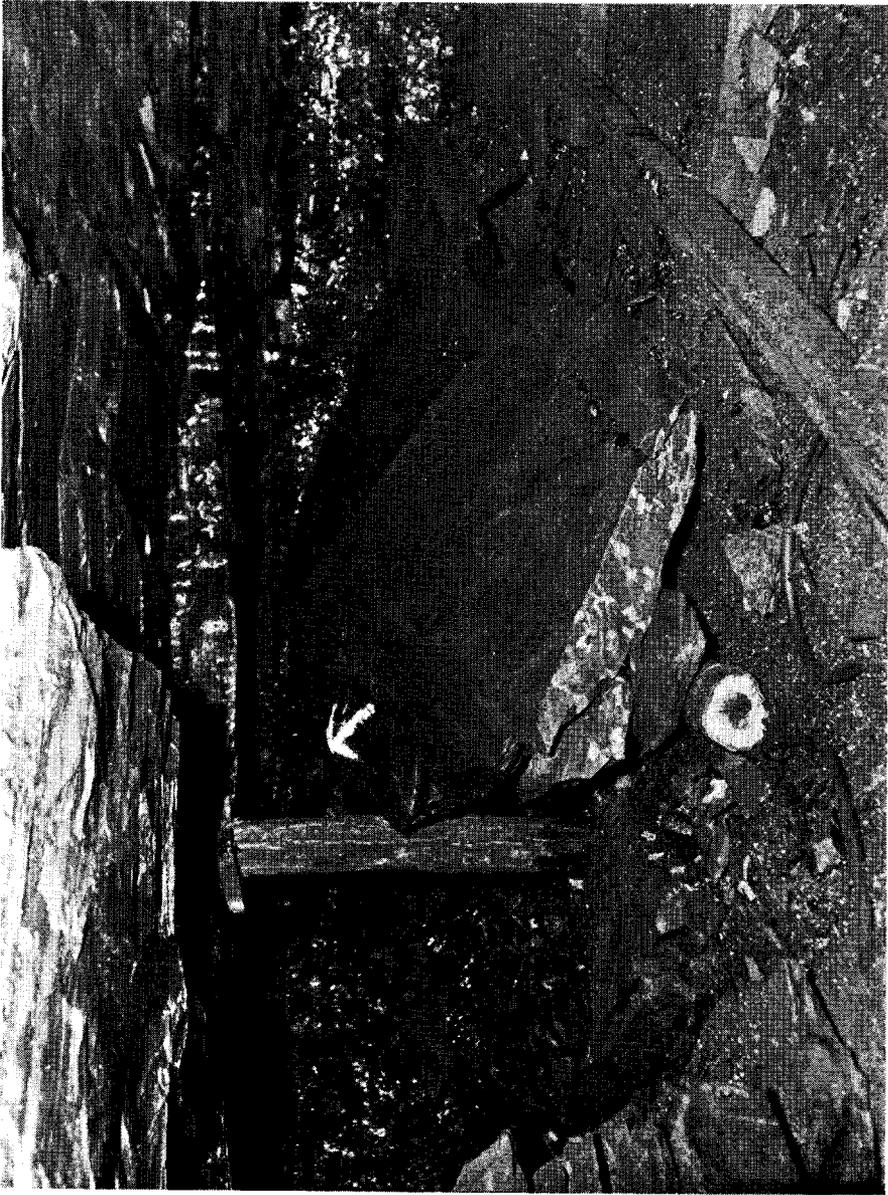




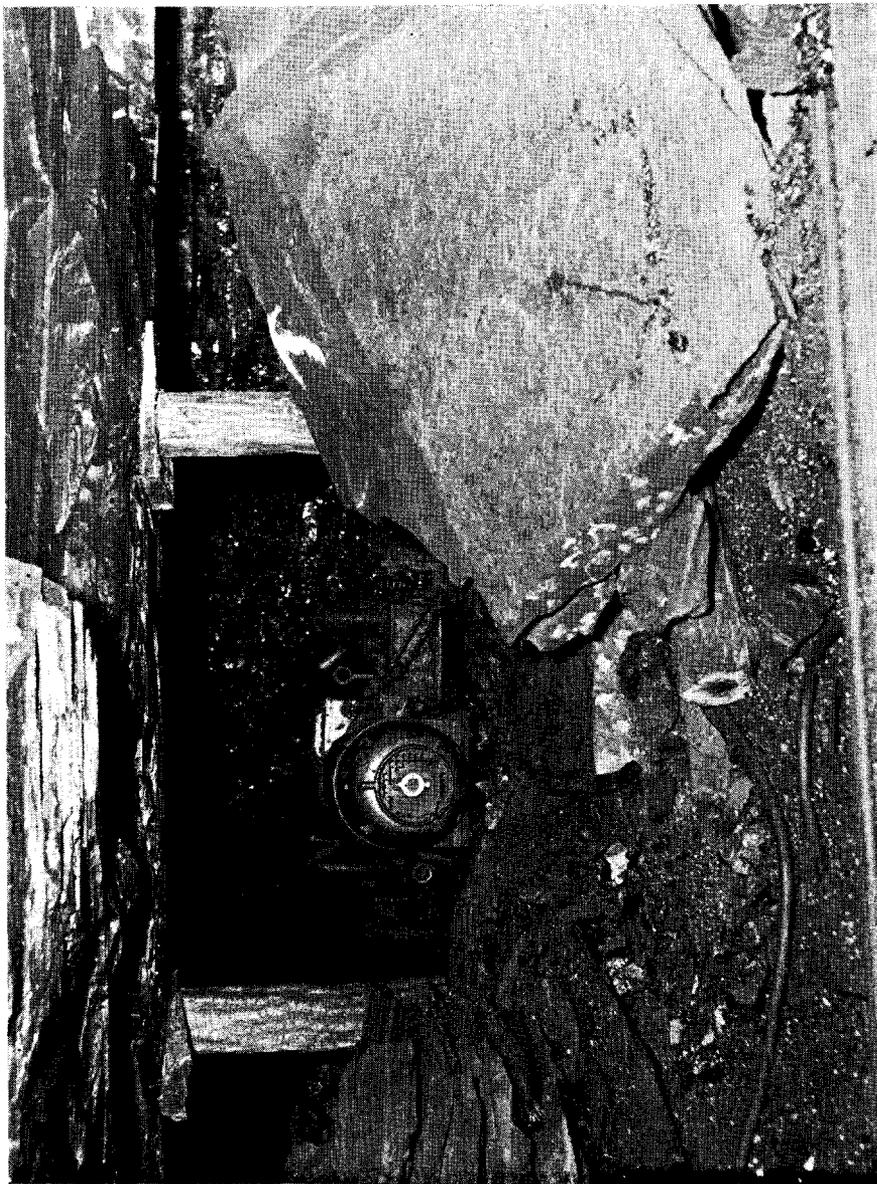
Scene of fatal accident to Durbin Hockenberry. Parker Hi-Grade Coal Company, Barrelville, Maryland.
February 21, 1946.



Scene of fatal accident to Durbin Hockenberry. Parker Hi-Grade Coal Company, Barrelville, Maryland.
February 21, 1946.



Scene of fatal accident to Durbin Hockenberry. Parker Hi-Grade Coal Company, Barrelville, Maryland.
February 21, 1946.



Scene of fatal accident to Durbin Hockenberry. Parker Hi-Grade Coal Company, Barrelville, Maryland.
February 21, 1946.

FATAL ACCIDENTS—1946

ALLEGANY COUNTY

On February 21, 1946, at 2:30 P. M., Durbin Hockenberry, a miner employed in the mine of the Parker Hi-Grade Coal Company, Parker coal seam, located at Barrellville, Allegany County, was fatally injured by a fall of draw rock.

Mr. Hockenberry was working with Mine Foreman Melvin Reed in the Air-course of the Main Heading. Mr. Reed was working on the right side of the place and Mr. Hockenberry on the left side. The place had just been cut with an auger machine about four feet undercut and several mine cars had been loaded out. One prop was dislodged by the fall of rock which extended back to a cutter in the roof.

Mr. Hockenberry was shoveling coal out closer to the track when the roof gave way, catching him and crushing him through the hips. He was taken to the Memorial Hospital, Cumberland, Maryland, where he died at 4:30 P. M. February 21, 1946.

This accident could have been prevented if proper timbers had been set. Timbers should be set on at least four foot centers and should be used with fifteen inch cap pieces.

Time of Accident—February 21, 1946, 2:30 P. M.

Date of Death—February 21, 1946, 4:30 P. M.

Name of Injured—Durbin Hockenberry.

Nationality—American.

Age—60 years.

Married or Single—Married.

Number of Dependents—One under 18 years.

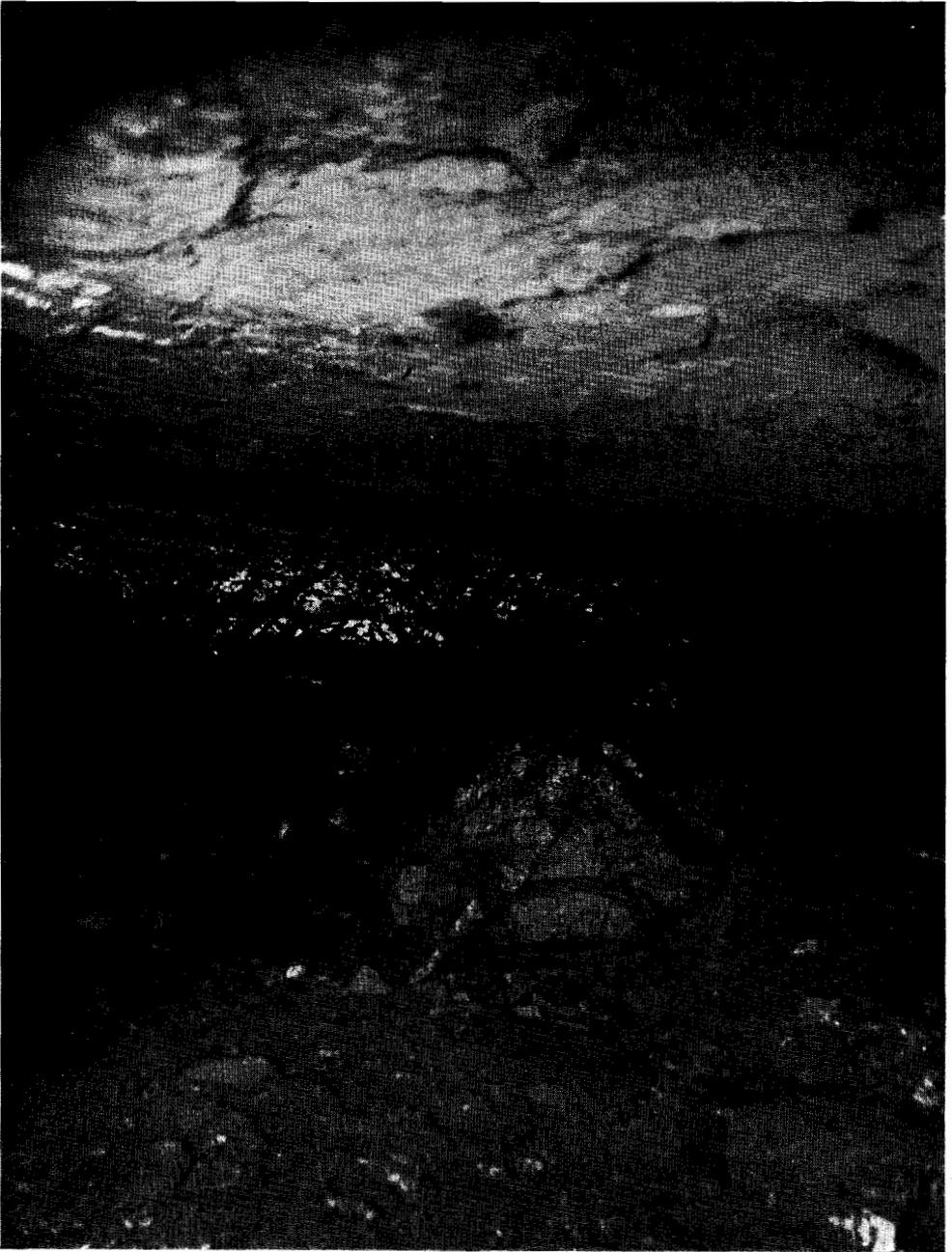
Residence—Mt. Savage, Md.

Inspector in Charge of District—Frank T. Powers.

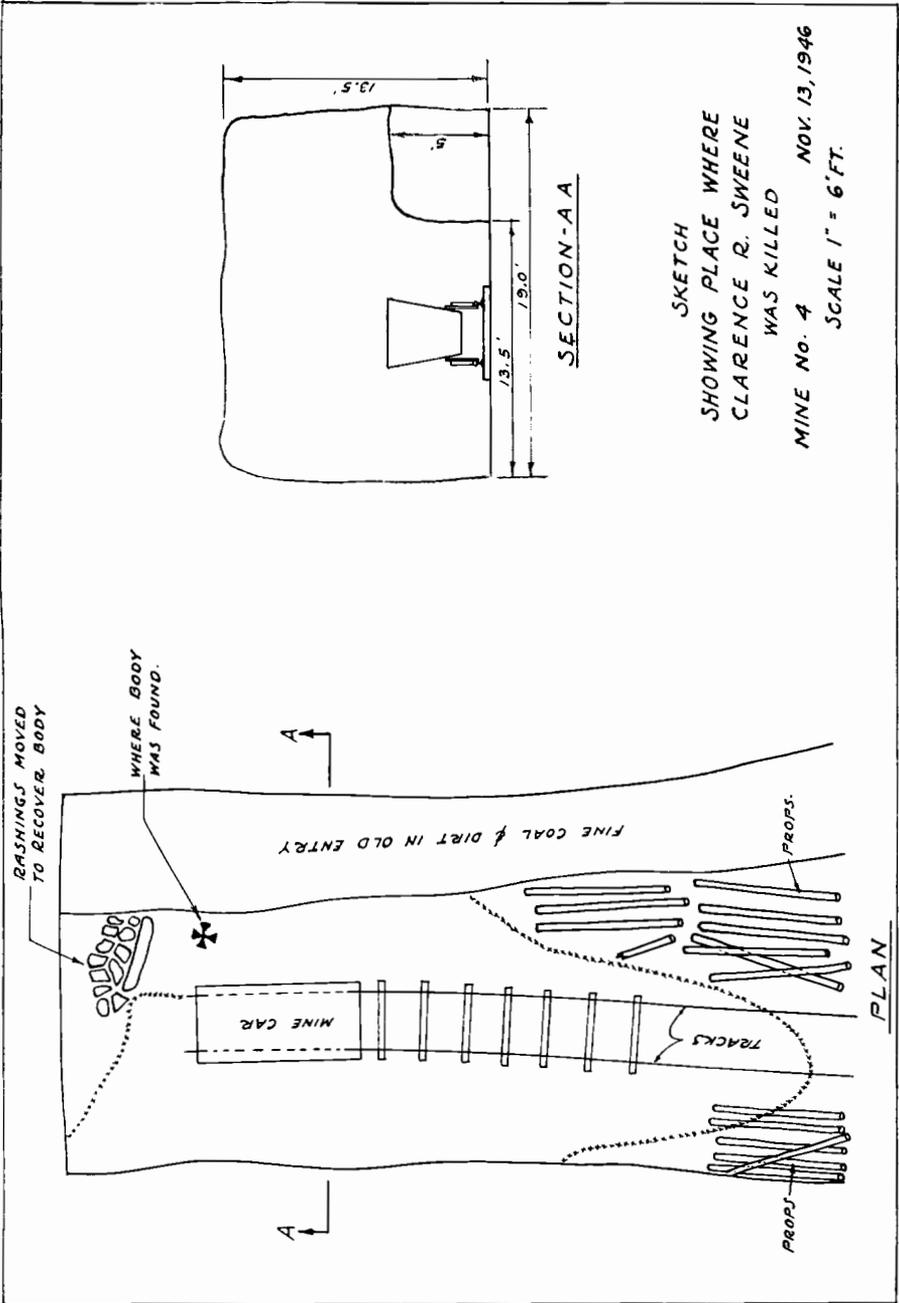
Time and Date of Inspection—February 21 and February 26, 1946, by Inspector Powers and Mine Foreman Melvin Reed.

RECOMMENDATION—Uniform timbering and cap pieces should be furnished.

On March 7, 1946, about 2:15 P. M., Clarence Green, a miner employed by the Koontz Coal Company, in their Swanton Mine, Bakerstown coal seam, located at Barton, Allegany County, was fatally injured by a fall of bone coal.



Scene of fatal accident to Clarence Green.
Bakerstown Mine, Koontz Coal Co., March 12, 1946.



The victim was apparently going to light a shot, when bone coal from a previous shot fell on him. The fatality occurred in No. 9 room, 15th Right Entry.

Time of Accident—March 7, 1946, about 2:15 P. M.

Date of Death—March 12, 1946.

Name of Injured—Clarence Green.

Nationality—American.

Age—43 years.

Married or Single—Married.

Number of Dependents—Four.

Residence—Near Moscow.

Inspector in Charge of District—C. J. Rowe.

Time and Date of Inspection—March 8, 1946, District Mine Inspector Rowe, accompanied by Notley Cook and Thomas Mowbray.

RECOMMENDATION—Roof and bone should be tested before entering, after shooting. Foreman should not leave working faces until all men are ready to leave.

On November 12, 1946, about 10:20 A. M., Clarence Sweeney, a miner employed in No. 4 Eckhart Mine of The Consolidated Fuel Company, Big Vein coal seam, was fatally injured by a fall of rashings.

Mr. Clarence Sweeney was working with Olivio Fabbri, Thomas Scarpelli, and Russell Miller, cleaning up rashings in an old place and were about 30 feet from the face. They decided to take down an overhang along the side of the place, and drilled a hole and fired a shot in it, but it did not fall. They tried to pull it down and could not. They decided that another hole would have to be drilled from the other side, but thought they would load the car that was in the place and they would have something to stand on. Just as they started to load, the overhang gave way catching Mr. Sweeney, killing him instantly. A very grave error in judgment caused this accident.

District Inspector Powers was entering the place when this accident happened and helped to get the victim out.

Time of Accident—November 12, 1946, about 10:20 A. M.

Date of Death—Instantly.

Name of Injured—Clarence Sweeney.

Nationality—American.

Age—25 years.

Married or Single—Married.

Dependents—Two.

Residence—Eckhart Mines, Maryland.

Inspector in Charge of District—Frank T. Powers.

Time and Date of Inspection—10:30 A. M. November 12, 1946, by Inspector Powers.

RECOMMENDATION—Overhangs should be taken down while the men have something to stand on before the rashings are loaded out.

GARRETT COUNTY

On March 20, 1946, at 11:30 A. M., Peter Scripp, a motorman employed in Kempton No. 42 Mine of The Davis Coal and Coke Company, Kittanning coal seam, located at Kempton, Garrett County, was fatally injured by a runaway trip.

The victim was pushing loaded trip in on shaft bottom when a motorman bringing in another loaded trip called to the victim that his trip was out of control. The victim stepped off motor and called to Motor Boss, who was alongside the trip, to get in the clear that B trip was out of control. As the Motor Boss rushed back to A switch, the victim ran to where Motor Boss had been and started to throw empty track switch to wreck trip. The cars buckled against the rib catching the victim and killing him instantly.

The victim was out of danger and rushed in to the only place where there was any danger.

Time of Accident—March 20, 1946, 11:30 A. M.

Date of Death—Instantly.

Name of Injured—Peter Scripp.

Nationality—American.

Age—34 years.

Married or Single—Married.

Number of Dependents—Two.

Residence—Kempton, W. Va.

Inspector in Charge of District—C. J. Rowe.

Time and Date of Inspection—11:00 A. M., March 21, 1946,

Inspector Rowe accompanied by A. F. Diamond and J. S. Gooding.

RECOMMENDATION—Man-holes should be provided at all switch throws.

FATAL ACCIDENTS—1946

There were four fatal accidents during the calendar year 1946 in the coal mines of Maryland, two in each Inspector's District. The first, on February 21, occurred in a mine in the Parker seam, near Barrellville, Allegany County. The victim was fatally injured by a fall of draw rock. The photographs indicate that the roof rock, which fell and killed the victim, was fairly strong, and if properly supported by timbers, would in all probability not have fallen. The Inspector's recommendation—"Uniform timbering and cap pieces should be furnished", indicates that such was the case.

The second fatality, on March 7th, which occurred in a Bakers-town mine at Barton, was caused by a fall of bone coal. Most of the miners who have been fatally injured in the past by falls of roof, while working in the Bakerstown coal seam, have been crushed by the bone coal which is left up while the miners are mining out the good coal under the bone coal. A cross-section of the seam, beginning at the top, shows on an average of 16 to 17 inches bone coal, and below this is 2 feet of very good domestic coal. It is difficult to support this bone coal, particularly when the coal is mined by hand. Formerly, one of the Bakerstown mines in Lower George's Creek used overcutting Shortwall mining machines, which cut out the bone coal, and this rendered much easier the handling of the bone coal and made working conditions safer. The victim in this case was found in his working place, under the fall of bone coal, after the men had ceased working. The Mine Inspector's recommendation: "Roof and bone should be tested before entering, after shooting. Foreman should not leave working faces until all men are ready to leave".

In the accident of March 20th the deceased was attempting to prevent a haulage accident near the shaft bottom. A motorman bringing his loaded trip to the shaft bottom called to the victim saying that his trip was out of control, and the victim attempted to throw the empty track switch, in order to wreck the trip, which was out of control, but the loaded cars buckled up against the rib catching the victim between the cars and the rib, killing him instantly. This man lost his life attempting to prevent an accident. The Inspector's recommendation was as follows: "Manholes should be provided at all switch throws".

The fatality of November 12th at No. 4 Mine, Eckhart, Allegany County, The Consolidated Fuel Company, was due to a fall of rashings. The working place in which the fatality occurred had been standing for some time. The room had been driven up, and four men were engaged in taking down an overhang alongside of the place. Before doing such work they drilled a hole in the rashings and fired a shot in the rashings which at this point was composed of unusually good quality coal. This is extremely rare in the Big Vein seam and the men tried to pull this coal down and could not. This is the old story of the miner deciding to load the car that was in the place and to pull down the bad roof afterwards.

Three of these four fatal accidents are due to roof falls and one to haulage. As has been stated in previous reports, if Maryland mines could prevent roof falls, three-fourths of their fatal accidents could be prevented.

LABOR CONDITIONS—1946

During the calendar year 1946 the mines were idle from the 1st of April to the 22nd of May. This cessation of work was general throughout the two counties.

There was a general shortage of coal cars throughout the region, particularly in the fall and early winter.

As in previous years there was a considerable amount of coal produced by stripping operations, particularly from the Big Vein. The amount of strip coal produced per man is surprising when such data is examined in comparison with the production per underground miner.

There was a large demand for coal for overseas use and a good deal of this coal was produced by stripping operations in Lower George's Creek.

IMPROVEMENTS—1946

The Davis Coal and Coke Company continued to make very important improvements in their Kempton No. 42 Mine, Garrett County. A sub-station for the operation of a large ventilating fan, and a new location for the fan was made at this time. Considerable improvement was made in the equipment of this mine, particularly in the pumping department. This Company is proceeding to spend considerable money in increasing the facilities for producing and cleaning coal.

Mine No. 10, The Consolidated Fuel Company, located at Eckhart, Allegany County, installed a belt extending from a point near the highway on Route 40, where the coal was dumped from trucks, hauling coal from the stripping field to the tipple. The coal was transported to the old No. 10 and No. 4 tipple where it was loaded into railroad cars. This tipple is remarkable for the fact that it has one of the few home-made gravity dumps operating automatically, without the use of any manual labor.

The Luise Mine, Myers Coal Company, located at Gorman, Garrett County, installed an auger mining machine.

The Alleghany Coal Company, operating at Jennings, Garrett County, introduced new trackage and underground conveyors.

The Garrett Coal Corporation, Earl No. 2 Mine, operating near Vindex, Garrett County, made important outside improvements and laid the groundwork for electrification of the mine.

James E. Barrick, Kitzmiller, Garrett County, built a tippie and opened up an aircourse.

H. H. DeShong, T/A Ajax Coal Company, operating near Morrison, replaced 1500 feet of wood track with steel track.

Leslie B. Sharpless, operating a mine at Kitzmiller, Garrett County, laid new rail on the Main Heading.

W. H. Haenftling Coal Company, located at Accident, Garrett County, made a new opening and built a tippie.

Stanley Virts, T/A Virts Coal Company, Swanton, Route 3, Garrett County, installed a power plant, made a new opening, and purchased a new cutting machine.

SAFETY ORDERS AND PROSECUTIONS—1946

There were no Safety Orders issued or prosecutions made during the calendar year 1946.

**COMPENSATION AWARDED FOR FATALITIES
DURING YEAR 1946**

Date of Injury	Victim	Company Where Employed	Direct Payment	Funeral	Total
March 20, 1946	Pete Scripp	Davis Coal & Coke Co.	\$6,500.00	\$125.00	\$6,625.00*
Prior to June 1946	Joseph Trotsel	Davis Coal & Coke Co.		DISALLOWED	
March 7, 1946	Clarence L. Green	Koontz Coal Co.	6,500.00	125.00	6,625.00*
February 21, 1946	Durbin J. Hockenberry	Parker Hi-Grade Coal Co.	6,500.00	125.00	6,625.00*
		Total.....	\$19,500.00	\$375.00	\$19,875.00

*Estimated.

REPORT OF VOCATIONAL MINING EDUCATION**School Year October 1, 1945—August 2, 1946**

L. C. HUTSON, Vocational Mining Instructor

Report of the Night Mining Classes

The Night Mining Classes opened their sessions October 1, 1945, and closed May 25, 1946. Classes were conducted in both Allegany and Garrett Counties by Instructor Hutson, under the supervision of the Maryland Bureau of Mines in cooperation with the State Department of Education, the University of Maryland and the County Boards of Education of Allegany and Garrett Counties.

Organization and Schedule

Night Mining Classes were organized and conducted at the following points:

Crellin (Garrett County)—Monday Night.
 Lonaconing (Allegany County)—Tuesday Night.
 Barton (Allegany County)—Wednesday Night.
 Mt. Zion (Garrett County)—Thursday Night.
 Vindex (Garrett County)—Friday Night.

The classes met weekly, with the exception of holidays, for a period of thirty-two weeks. The subjects studied were as follows: Coal-mine Ventilation, Air Coursing, Map Reading and Coal-mine Gases.

CRELLIN CLASS:

Number of men enrolled	26
Average age of students	37 years
Average previous educational preparation.....	7.6 years
New men enrolled	9
Occupations:	
Miners	14
Laborers	8
Mine Foremen	1
Students	2
Office Men	1

LONACONING CLASS:

Number of men enrolled	13
Average age of students	39 years
Average previous educational preparation.....	7.3 years
New men enrolled	5
Occupations:	
Miners	5
Laborers	3
Mine Foremen	5

BARTON CLASS:

Number of men enrolled	13
Average age of students	39 years
Average previous educational preparation	8.3 years
New men enrolled	1

Occupations:

Miners	1
Laborers	2
Mine Foremen	7
Superintendents	2
Operators	1

MT. ZION CLASS:

Number of men enrolled	11
Average age of students	33 years
Average previous educational preparation	7.1 years
New men enrolled	4

Occupations:

Miners	2
Laborers	3
Operators	6

VINDEK CLASS:

Number of men enrolled	19
Average age of students	56 years
Average previous educational preparation	9.0 years
New men enrolled	3

Occupations:

Miners	7
Laborers	7
Mine Foremen	4
Superintendents	1

Summary

Total number of men enrolled	82
Average weekly attendance (5 classes)	48.5
Average weekly attendance (Crellin Class)	14.0
Average weekly attendance (Lonaconing Class)	8.4
Average weekly attendance (Barton Class)	8.3
Average weekly attendance (Mt. Zion Class)	6.8
Average weekly attendance (Vindex Class)	11.0
New men enrolled (22)	27%
Miners enrolled (29)	35%
Officials enrolled (27)	33%
Average age of men enrolled	37
Average previous educational preparation	7.8
Number of Americans enrolled (native born)	82
Attendance of men enrolled	60%

REPORT OF THE SHORT COURSE IN COAL MINING—1946

L. C. HUTSON, Director

The twenty-third annual Short Course in Coal Mining, held at Kempton, Maryland, conducted by the Maryland Bureau of Mines, in cooperation with the University of Maryland, the State Department of Education and the Boards of Education of Allegany and Garrett Counties, opened June 17, 1946, and closed August 2, 1946.

The six weeks of the course were held in the Kempton Elementary School Building, at Kempton, Maryland.

Instruction Staff and Subjects

- L. C. Hutson—Safety Lamps, Mine Gases, Explosives, Haulage, Map Reading, Mine Ventilation, Mine Fires and Explosions, Mining Arithmetic.
 J. J. Rutledge—Mining Methods.

Schedule of Classes**First Week:**

- 6:00 P. M. to 6:30 P. M.—Mining Arithmetic.
 6:45 P. M. to 7:30 P. M.—Safety Lamps.
 7:45 P. M. to 8:30 P. M.—Mining Methods.

Second Week:

- 6:00 P. M. to 6:30 P. M.—Mining Arithmetic.
 6:45 P. M. to 7:30 P. M.—Mine Gases.
 7:45 P. M. to 8:30 P. M.—Mining Methods.

Third Week:

- 6:00 P. M. to 6:30 P. M.—Mining Arithmetic.
 6:45 P. M. to 7:30 P. M.—Explosives.
 7:45 P. M. to 8:30 P. M.—Haulage.

Fourth Week:

- 6:00 P. M. to 6:30 P. M.—Mining Arithmetic.
 6:45 P. M. to 7:30 P. M.—Map Reading.
 7:45 P. M. to 8:30 P. M.—Mine Ventilation.

Fifth Week:

- 6:00 P. M. to 6:30 P. M.—Mining Arithmetic.
 6:45 P. M. to 7:30 P. M.—Mine Ventilation.
 7:45 P. M. to 8:30 P. M.—Map Reading.

Sixth Week:

- 6:00 P. M. to 6:45 P. M.—Mine Fires and Explosions.
 7:00 P. M. to 8:30 P. M.—Review and Tests.

Enrollment

Name	Address	Age	Occupation	Employer
Otto Sowers	Kempton	43	Trackman	Davis Coal & Coke Company
Ernest Foglepole	Kempton	53	Loader	Davis Coal & Coke Company
Richard Cassidy	Kempton	28	Trackman	Davis Coal & Coke Company
Edgar Stahl	Kempton	21	Loader	Davis Coal & Coke Company
Denver Griffith	Kempton	34	Mine Foreman	Davis Coal & Coke Company
Judson J. Gilmore	Kempton	31	Loader	Davis Coal & Coke Company
Wm. E. White	Kempton	33	Loader	Davis Coal & Coke Company
William R. Povish	Kempton	32	Laborer	Davis Coal & Coke Company
Albert Kisner	Kempton	39	Sect. Foreman	Davis Coal & Coke Company
Guy Speigle	Kempton	48	Trackman	Davis Coal & Coke Company
Warren Del Signore	Gormanian	24	Operator	Self
George Stanya	Gormanian	24	Operator	Self

Summary

The average age of the students was 34 years.

The average daily attendance was 5 men, with an enrollment of 12.

Working conditions and hours continued to curtail, both the daily class period and the number of subjects, as compared to the pre-war period.

All of the above men worked their full shift at the mine each day and attended the evening sessions. In addition, each man carried a heavy load of written work, to be completed each night.

Summary of the Night Mining Classes and the Short Course

Total number of men enrolled.....	94
Average weekly attendance, Night Mining Classes.....	48.5
Average weekly attendance, Short Course.....	25
Total Night Mining Classes held.....	139
Total Short Course Classes held.....	90
Total Classes held.....	229
Average attendance, per class held.....	7.8

Conclusion

The school year just passed showed considerable improvement in the enrollment in the Night Mining Classes, over that of the previous year. The weekly attendance average was also higher as compared to that of the previous year.

The Short Course, however, showed a marked decline in attendance, over that of previous years.

With the return of a large number of ex-Service men to the mining industry during the past year, it is hoped that the enrollment and attendance of the classes will show a substantial improvement in the forthcoming school year.

The spirit of cooperation between the employers and employees in support of the classes continued to be manifested in a marked degree.

MINING BIG VEIN ON RETREAT

Referring to the sketch on the opposite page, the following is a description of the method of working the Bowery Mine in the Big Vein seam, in George's Creek, Western Maryland, Allegany County, which mine was owned and operated by the Borden Mining Company. At that time the late Robert Harvey, Foreman, practiced the retreat method of mining. Insofar as known, this was the only mine using this method at that time.

It was the custom to drive two entries from the main slope to the boundaries of the property. One entry was the heading, the other was an aircourse, with a chain pillar 40-ft. thick between the two entries. Crosscuts from the aircourse to the main headings were made on 60-ft. centers. There were no switches laid in the crosscuts. Three miners worked together in each place. Headings or entries were 9-ft. wide, and when the boundaries of the property were reached, five rooms were broken off, three men working in each room driving them up their distance.

When they started to pillar the room pillars back, which was immediately after they reached the boundary, six miners were placed in each crosscut in the pillar; these crosscuts were 24-ft. wide. These crosscut miners loaded two cars at a time, three men loading each mine car. The rooms were 40-ft. center to center, leaving about 25 or 26-ft. width in each pillar.

While the five rooms which had been started at the boundary were pillaring back, five more outbye adjacent rooms were being advanced. Several entries were worked at the same time. No coal was left in the mine except about half an acre left as a pillar under Bert Morgan's farm house. This pillar is still intact at the present time.

The same track and timber used in driving up the rooms were also used in pillaring back, as they were not left standing long enough to decay. Drivers—the stock was mostly horses—drove on a schedule and a certain number of trips were required for a day's work. There was no child labor law in effect at that time, and boys of about 12 years of age and upward worked in the mine, starting at one-quarter turn, and then advancing to half a turn as they grew older, and later to three-quarter turn, and when the man with whom they worked thought they were entitled to it, they received a full turn.

There were no drones to work with, for if a man did not do his share his buddy refused to work with him, then this man was given a place

with some other drones. A special place was kept for the drones in the old Boverly Mine in the old days.

All men working together used the same check number and at the end of the month the weighboss divided the weight equally among them. No blasting of coal was allowed at the time; all the coal mined had to be produced by the pick. The Borden Company furnished all tools, each man getting a mining pick, a cutting pick, a bottom pick, a shovel and a sledge and wedge. Mine timber and trackage were delivered at the face, and there was plenty of it. There was always plenty of fresh air.

One very desirable feature of this method was that practically all the miners worked under solid coal, since all the work was on the retreat.

Information as to this method of working and the kind and extent of the work was kindly furnished by Mr. Anthony Harvey, one of the sons of Robert Harvey, who operated the Boverly Mine during his lifetime.