

TWENTY-THIRD 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 1945



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-third Annual Report of the Maryland Bureau of Mines for the period January 1, 1945, to December 31, 1945, 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 1945

To His Excellency,

HON. HERBERT R. O'CONNOR,

Governor of Maryland.

SIR:

The report herewith submitted is for the calendar year 1945, and is the Sixty-ninth 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	999,752.09
Machine	601,750.17
Strip	235,763.18
Total	1,837,267.04

COAL PRODUCTION

ALLEGANY COUNTY—During the calendar year 1945, Allegany County mines employed 585 miners, 123 drivers (including brakemen, motormen, etc.), 136 inside laborers and 197 outside employees, making a total of 1041 men. The production of coal for 1945 was 954,604.08 net tons. This shows a production of 1,631.8 net tons per miner employed during this period.

GARRETT COUNTY—During the calendar year 1945, Garrett County mines employed 442 miners, 112 drivers (including brakemen, motormen, etc.), 87 inside laborers and 116 outside employees, making a total of 757 men. The production of coal for 1945 was 824,627.16 net tons. This shows a production of 1,865.6 net tons per miner employed during this period.

FIRE CLAY PRODUCTION

ALLEGANY COUNTY—During the calendar year 1945 the fire clay mines in Allegany County employed 30 miners, 12 drivers, 6 inside laborers and 3 outside employees, making a total of 51 men. The production of fire clay during 1945 was 50,773.09 net tons, and shows a production of 1,692.4 net tons per miner.

GARRETT COUNTY—During the calendar year 1945 there were 7,261.11 net tons of fire clay stripped in Garrett County, employing 28 outside employees.

TONNAGE PER FATALITY—ALLEGANY COUNTY

Two fatal accidents occurred in the coal mines of Allegany County during the calendar year 1945, making 477,302 net tons of coal produced for each fatal accident; number of fatalities per 1,000 men employed 1.321; number of fatalities per 1,000,000 net tons of coal produced, 2.095.

TONNAGE PER FATALITY—GARRETT COUNTY

One fatal accident occurred in the coal mines of Garrett County during the calendar year 1945, making 824,627 net tons of coal produced for each fatal accident; number of fatalities per 1,000 men employed 1.321; number of fatalities per 1,000,000 net tons of coal produced, 1.212.

TONNAGE PER FATALITY FOR ENTIRE STATE

During the calendar year 1945 there were 1,779,232.04 net tons of coal produced in Maryland and there were three fatal accidents in the coal mines of the State. Fatalities per 1,000 employees 1.668; fatalities per 1,000,000 net tons of coal produced, 1.686.

**WEIGHMASTER LICENSES FOR THOSE
WEIGHING SOLID FUEL**

During the year 1945, 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, 295 truck scales being tested of which 32 were retested. Twelve (12) Tobacco Warehouse scales were tested and one (1) retested, in compliance with the provisions of Article 48, Chapter 978, Laws of Maryland, 1943.

From the inception of the work under Chapter 349, Laws of Maryland, 1937, up to and including December 31, 1945, the Bureau of Mines issued 3,553 weighmaster licenses, the fee for each license being \$10.00, and this money was turned over to the State Treasurer.

From January 1, 1945, to December 31, 1945, inclusive, 427 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 weights and measures department, 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 1945**

Coal shipments over The Cumberland and Pennsylvania Railroad, which traverses the center of the George's Creek Coal field, amounted to 502,929 net tons. This figure includes 127,042 net tons that came from the stripping operations, making 375,887 net tons transported from deep mines.

There were 898,265 net tons of coal transported by the Western Maryland Railway from mines located on their line in Western Maryland during 1945. Of this total, 327,475 net tons originated in the George's Creek District.

During the same period the mines on the Baltimore and Ohio Railroad in Western Maryland made coal shipments amounting to 21,563 net tons.

STATE MINE EXAMINING BOARD

The following Certificates of Competency were awarded as a result of the twenty-fourth examination for mine foremen conducted at Frostburg, Md., August 28-29, 1945:

FIRST CLASS

Elmer Francis Beeman	Frostburg, Md.
Frank Nash Damon	Vindex, Md.
Alston Gordon Dayton Stewart.....	Vindex, Md.
Charles Arthur Harvey.....	Swanton, Md.

SECOND CLASS

Harold James Adams.....	Vindex, Md.
Edward G. Baker.....	Frostburg, Md.
George Alexander Beeman.....	Lonaconing, Md.
Robert Dodds.....	Lonaconing, Md.
George Stanley Harvey.....	Swanton, Md.
Perry Edward Keister.....	Frostburg, Md.
James R. Labor.....	Frostburg, Md.
Frank Henry Lambert.....	Barton, Md.
Frank J. Lashbaugh.....	Frostburg, Md.
Bernard Smith.....	Frostburg, Md.
Howard Edward Strickler.....	Kitzmiller, Md.
Joseph Lynn Symons.....	Westernport, Md.
Gilbert Seidel Turner.....	Vindex, Md.
Guy Dale Duckworth.....	Swanton, Md.
Ralph Ellsworth Harvey.....	Swanton, Md.
Stanley Leo Virts.....	Swanton, Md.

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. RoweWesternport, Md.

Mine Scale Inspector

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

Senior Stenographer

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

Junior Account Clerk

Miss E. Ruth Thomas, succeeded by Miss Jane V. Scherger
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

Allegany County—1945

Name of Operating Company	Net Tons cwt.
Atkinson, Charles, Frostburg, Maryland.....	771.00
Ayers Coal Company, Ayers Mine.....	1,479.00
Baker & Laugh Coal Company, Langham Mine.....	1,157.11
Barnes & Son, Henry S., Strip.....	11,797.15
Barnes & Son, Henry S., Underground.....	717.00
Barton Georges Creek Coal Company.....	9,836.00
Bennett, C. C., Bennett Mine.....	382.00
Bennett, Howard A., Mill Run No. 1 Mine.....	5,530.17
Big Vein Coal Company of Lonaconing, Md., Inc., Castle G No. 1.....	48,876.09
Bond & Foote, Foote Mine.....	611.00
Bradley & Pollock, Stationary Mine.....	2,924.00
Brashear, William, Old Hampshire Big Vein Mine.....	4,548.00
Brashear, William, Aden Mine.....	3,282.00
Campbell Coal Company, Mill Run Mine.....	7,216.00
Campbell Coal Company, Freeport No. 1 Mine.....	11,258.00
Charlestown Big Vein Coal Company.....	1,894.00
Clark Bros.	893.00
Clark & Bro., Thomas J., Clark No. 2.....	4,506.18
Cletes, John, Parker No. 3 Mine.....	335.00
Connor Haines Big Vein Coal Co., Jackson Mine.....	1,730.00
Cross Fuel Co., Cross No. 1 Mine.....	7,773.00
Cumberland Parker Seam Coal Corporation, Parker Mine 5097.....	8,808.00
Evans Coal Company, Borden Mine.....	1,010.00
Filer Fuel Mine.....	731.00
Fletcher, Clarence, Rosebud Mine.....	1,200.00
Franklin Hills Mining Company, Strip.....	4,570.00
George, John L., Old Colony Mine.....	2,230.00
Gunstan Coal Company, Gunstan Mine.....	7,156.01
Harden Coal Company, Harden Mine.....	2,150.00
Hughes, John F., Columbia Mine.....	339.00
Industrial Coal Company, Strip.....	3,590.00
Jenkins & Swarman, Watkins Mine.....	754.00
Johnson Coal Company, Langham Mine.....	533.00
Johnson Coal Company, Jackson Mine.....	862.00
Kyle & Beeman, Jackson No. 4 Mine.....	2,245.00
Liberty Fuel Mine, Liberty Mine.....	3,834.00
MacMannis, Andrew, Coal Washer.....	1,946.10
Martin Coal Company, Bakerstown No. 1.....	684.00
Maryland Fuel Company, Md., No. 1 and No. 2 Tyson.....	1,473.04
Maryland Fuel Company, Md., No. 1 and No. 2 Big Vein.....	7,393.00
Metz Coal Company, Metz Mine.....	5,851.00
Metz & Son, Thomas I., Tom Metz's Mine.....	1,130.00
Michaels, Earl, Michaels Mine.....	400.00
Moore, Alvie E., Mine 2412.....	3,313.00
Morehouse Bros., MB 3 Strip.....	19,414.00
Myers, Joseph M., Myers Mine.....	2,057.00
Parker Hi-Grade Coal Company, Parker Mine.....	2,748.00

Name of Operating Company	Net Tons cwt.
Parkersburg Coal Company, Parkersburg Mine.....	475.00
M. D. Porter, Blank Mine.....	409.00
Porter Bros. Coal Company, Porter Mine.....	670.00
Potomac Big Vein Georges Creek Coal Co., Union No. 4 Strip.....	3,532.08
Rank & Rank, Rank Mine.....	503.00
Robinson Coal Company, Tollgate Mine.....	636.00
Russell Mining Company, Hampshire No. 2 5663 Strip.....	8,958.05
Russell Mining Company, Martin No. 3, No. 1311.....	90,662.03
Shriver & Drummond, Border No. 6 Mine.....	525.00
Stevens & McKenzie (Stevens & Ort Mine).....	930.00
Stevens & Ort.....	104.00
Stewart Mining Co., Blackberry Mine.....	2,718.00
Thomas Coal Company, Carson, Moscow No. 2 Mine.....	2,800.00
Trimble, Jesse, Little Pittsburgh Mine.....	463.00
Victory Coal Mines, Victory Mine 3820.....	5,188.00
Waddell, Douglas, Waddell Mine.....	9,138.00
Ware, Jones & Cutter, Barnes Mine.....	389.00
Williams, William D., Williams Mine.....	360.00
Winters & Brode.....	481.00
C. O. Workman, Workman Mine.....	1,699.00
Total.....	344,581.01

Garrett County—1945

Ajax Coal Company, Freeport Mine No. 2.....	492.00
Ajax Coal Company, No. 1 Mine Bakerstown.....	12,036.09
Apple Coal Company, Apple No. 1.....	2,390.00
Blackburn Coal Company, Heading and Aircourse.....	918.00
Bland, Elza (near Gormanian).....	165.00
Bray Coal Company.....	1,316.00
Brenneman, Mrs. Dennis.....	549.00
Burnwell Coal Company, Jenkins Mine—Strip.....	11,089.00
Coal Recovery Company, Moscow No. 2 Strip.....	1,429.00
Collins, Robert, Collins Mine.....	1,479.00
Cross Fuel Company, Russell No. 1—Strip.....	1,300.00
Del Signore, Paul.....	171.00
DeMarco, James.....	75.00
Duckworth, R. S., Duckworth Mine.....	1,828.00
Grantville Coal Company, Shaw Mine.....	8,005.00
Grove Coal Company, Grove Mine.....	456.00
Haines Coal Company, Haines Mine.....	150.10
Harvey's Coal Mine.....	1,238.00
Harvey, Charles V.....	1,200.00
Harvey, Ralph, Martin Mine.....	138.00
Herman, Irvin, Herman Mine.....	589.00
Lee Coal Company, Ezra Michael's No. 2 Mine.....	4,223.00
Arch Michaels Coal Company, Michaels Mine.....	1,865.00
Mill Run Georges Creek Coal Company, Ezra Michaels No. 1 Mine.....	4,099.00
A. M. Moon, Liller & Weeks Mine.....	118.00
Moran & Sons, Edward S., Moran Tyson Mine.....	3,455.00
Moran & Sons, Edward S., James No. 1 Big Vein Mine—Strip.....	13,781.00

Name of Operating Company	Net Tons cwt.
Myers Coal Company, Beachy Mine.....	4,530.00
Myers Coal Company, Louisa Mine.....	13,971.00
Pattison Charles, Ridings No. 1 Mine.....	2,889.00
Pattison, Charles, Pattison 1-2.....	4,302.00
Paugh, Dewey C., Dewy Paugh Mine.....	362.00
Paugh, Gusta, Paugh Mine.....	121.00
Paugh & Brown, Earl Paugh No. 2 Mine.....	549.10
Paugh, William J. and Lester, Paugh Bros. Mine.....	1,798.00
Pritts Brothers Coal Co., PeeWee Mine.....	19,239.00
Russell Mining Company, Russel Mine 3848—Strip.....	69,467.16
Sharpless, Leslie B., Hamill-Freeport Mine.....	45.00
Sharpless, Leslie B., Rawling No. 1.....	6,277.00
Smith, Raleigh, Round Glade Mine.....	16.00
Table Rock Coal Company, Table Rock Mine.....	901.00
John W. Tasker & Lewis Sharpless, John W. Tasker Mine.....	471.00
Tasker, Robert, Tasker Mine.....	186.00
Tusig, Harry, Round Glade Mine.....	24.00
Uphole, George and Russell, Uphole Mine.....	366.00
Upperman & Son, Upperman Lower Kittanning Mine.....	620.00
Upperman & Son, Upperman Upper Kittanning Mine.....	1,039.00
Virts Coal Co., Stanley, Pew Mine.....	4,419.08
Weimer, Melvin, Round Glade Mine.....	72.00
Wilson Bros., Wilson Mine.....	951.00
Total.....	207,171.13

BUREAU OF MINES
SUMMARY OF PRODUCTION STATISTICS

1945

COAL

	Allegany County	Garrett County	Total
Pick	622,225.09	345,056.12	967,282.01
Machine	189,854.08	393,593.08	583,447.16
Strip	142,524.11	85,977.16	228,502.07
Total.....	954,604.08	824,627.16	1,799,232.04

Employees

Miners	585	442	1,027
*Drivers	123	112	235
Inside Laborers	136	87	223
Outside Employees	197	116	313
Total.....	1,041	757	1,798
Fatalities	2	1	3

FIRE CLAY

Pick	32,470.08	.....	32,470.08
Machine	18,303.01	.....	18,303.01
Strip .....	.....	7,261.11	7,261.11
Total.....	50,773.09	7,261.11	58,035.00

Employees

Miners	30	.....	30
*Drivers	12	.....	12
Inside Laborers	6	.....	6
Outside Employees	3	28	31
Total.....	51	28	79

*Drivers includes motorman, brakeman, etc.

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

1944-1945

COAL

Allegheny County

	Net Tonnage	Miners	*Drivers	Inside Laborers	Outside Employees	Total
1944	1,006,474.04	906	130	224	171	1,431
1945	954,604.08	585	123	136	197	1,041

Garrett County

1944	869,330.14	524	113	104	152	893
1945	824,627.16	442	112	87	116	757

Entire State

1944	1,875,804.18	1,430	243	328	323	2,324
1945	1,779,232.04	1,027	235	223	313	1,798

FIRE CLAY

Allegheny County

1944	45,388.19	35	12	5	3	55
1945	50,773.09	30	12	6	3	51

Garrett County

1944	36,217.08	-----	-----	-----	4	4
1945	7,261.11	-----	-----	-----	28	28

Entire State

1944	81,606.07	35	12	5	7	59
1945	58,035.00	30	12	6	31	79

*Drivers includes motormen, brakeman, etc.

Statistics of Production, Calendar Year 1945

ALLEGANY COUNTY

Name of Operator	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees					Number of Days Worked	Output Statistics			Accidents		Mining Machines and Equipment		
				Miners	Drivers	Inside Laborers	Outside Employees	Total		Pick	Machine	Strip	Total	Fatal		Non-Fatal	
Atkinson, Charles	Atkinson	1	Big Vein	2					160	771.00				771.00			
Ayers Coal Co.	Ayers	1	Bakerstown	3					116	1,479.00				1,479.00			
Baker & Langh Coal Company	Langham	1	Big Vein	3					104	1,157.11				1,157.11			
Barnes & Son, Henry S.	Barnes	1	Big Vein	2					174	11,797.15				11,797.15			
Barnes & Son, Henry S.	Barnes	2	Big Vein	9					3	717.00				717.00			
Barton Georges Creek Coal Co.	Barton	2	Bakerstown	9					256	9,836.00				9,836.00			
Bennett, Howard A.	Bennett	2	Big Vein	1					126	382.00				382.00			
Big Vein Coal Co. of Lonaconing, Md., Inc.	Union No. 1	1	Big Vein	6					279	5,530.17				5,530.17			
Big Vein Coal Co. of Lonaconing, Md., Inc.	Castle G No. 1	1	Big Vein	9					246	13,890.00				13,890.00			
Big Vein Coal Co. of Lonaconing, Md., Inc.	Castle	1	Big Vein	20					247	48,876.09				48,876.09			
Bond & Foot	Castle	1	Big Vein	19					263	32,205.02				32,205.02			
Bradley & Pollock	Foot	1	Big Vein	3					133	611.00				611.00			
Brashear, William	Stationary	2	Big Vein	3					275	2,924.00				2,924.00			
Campbell Coal Company	Old Hampshire	1	Big Vein	5					218	4,548.00				4,548.00			
Campbell Coal Company	Aden	1	Bakerstown	4					259	3,282.00				3,282.00			
Campbell Coal Company	Mill Run	1	Bakerstown	9					299	7,216.00				7,216.00			
Charlesworth Big Vein Coal Co.	Freepot No. 1	2	Freepot	10					296	11,258.00				11,258.00			1 Goodman Shortwall
Clark Bros.	Hampshire	2	Bakerstown	2					21	1,894.00				1,894.00			2 Jeffrey Shortwall
Clark & Bro., Thomas J.	Clark Bros.	2	Big Vein	5					101	893.00				893.00			1 Sullivan 5 B
Clete, John	Clark No. 2	1	Bakerstown	3					286	4,506.18				4,506.18			
Conroy Haines Big Vein Coal Co.	Parker No. 3	1	Big Vein	3					160	335.00				335.00			
Consolidated Fuel Company, Inc.	Jackson	2	Big Vein	25					264	1,730.00				1,730.00			
Consolidated Fuel Company, Inc.	Ocean No. 1	2	Big Vein	32					298	44,725.00				44,725.00			
Consolidated Fuel Company, Inc.	Hoffman No. 3	2	Big Vein	18					293	62,373.00				62,373.00			
Consolidated Fuel Company, Inc.	Richart No. 4	2	Big Vein	55					292	42,029.00				42,029.00			
Consolidated Fuel Company, Inc.	Lord No. 17	2	Tyson	36					294	7,855.00				7,855.00			6 35-L and 6 24-B
Cross Fuel Co.	Cross No. 1	1	Tyson	8					183	10,659.00				10,659.00			5 24-B mining machines
Cumberland Parker Seam Coal Corp.	Jr. Kittanning	1	Big Vein	2					10	7,773.00				7,773.00			
Eiler Fuel Mine	Parker 5097	1	Big Vein	2					287	8,803.00				8,803.00			
Fletcher, Clarence	Borden	1	Big Vein	2					151	1,019.00				1,019.00			
Franklin Hills Mining Company	Kilerbud	1	Little Pitsburg	3					275	1,200.00				1,200.00			
Georges Creek Big Vein Coal Co.	Rosebud	2	Bakerstown	4					230	2,230.00				2,230.00			
Georges Creek Coal Co., Inc.	Old Colony	2	Bakerstown	20					187	2,989.01				2,989.01			
Georges Creek Coal Co., Inc.	McDonald	2	Big Vein	31					244	37,997.00				37,997.00			
Georges Creek Coal Co., Inc.	No. 3	2	Waynesburg	62					285	49,119.90				49,119.90			
Georges Creek Coal Co., Inc.	No. 5	3	Waynesburg	5					241	7,156.01				7,156.01			
Gunstan Coal Co.	Gunstan	3	Up. Kittanning	27					223	2,150.00				2,150.00			
Harden Coal Company	Harden	3	Big Vein	5					100	40,274.05				40,274.05			
A. P. Hoffa Coal Co.	Hoffa No. 4	1	Big Vein	2					118	754.00				754.00			
Industrial Coal Company	Columbia	2	Big Vein	3					111	533.00				533.00			
Jenkins & Swarman	Watkins	1	Big Vein	2					186	862.00				862.00			
Johnson Coal Co.	Langham	2	Bakerstown	6					269	10,103.04				10,103.04			
Johnson Coal Co.	Jackson	2	Waynesburg	13					260	25,223.03				25,223.03			
Koontz Coal Co.	Bakerstown	2	Big Vein	2					242	2,245.00				2,245.00			
Kyle & Beaman	Big Vein	2	Big Vein	4					307	3,834.00				3,834.00			
Liberty Fuel Mine	Liberty	2	Big Vein	6					239	12,042.06				12,042.06			
McNitt Coal Company	McNitt No. 2	2	Tyson	11					251	6,347.13				6,347.13			
McNitt Coal Company	McNitt No. 2	2	Big Vein	3					251	6,347.13				6,347.13			

Drivers include brakemen, motormen, etc.

Statistics of Production, Calendar Year 1945

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				Accidents	
				Miners	Drivers	Inside Laborers	Outside Employees	Total		Pick	Machine	Strip	Total	Fatal	Non-Fatal
Andrew MacMannis Sons	Coal Washery		Big Vein	1	1	2	173	1,946.10							
Martin Coal Co.	No. 1	2	Bakerstown	2	1	1	99	684.00							
Maryland Fuel Co.	No. 1 & No. 2	2	Tyson	6	1	1	97	1,473.04							
Maryland Fuel Co.	No. 1 & No. 2	2	Big Vein	7	1	1	298	7,393.00							
Maryland Union Coal Corp.	Union 1718	1	Maynadler	4	2	1	96	3,774.00							
Metz Coal Co.	Metz Mine	2	Bakerstown	1	1	1	284	5,831.00							
Metz & Son, Thomas I.	Metz Mine		Bakerstown	1	1	1	226	1,130.00							
Michaels, Earl	Michaels		Big Vein	1	1	1	226	400.00							
Miners Big Vein Coal Co.	Miners	2	Big Vein	6	1	2	270	6,833.13							
Moore, Alvie E.	Mine 2412	2	Bakerstown	3	1	1	277	3,313.00							1
Morehouse Bros.	MB 3	Strip	Big Vein	4	1	1	277	2,037.00			19,414.00				
Myers, Joseph M.	Parker	2	Big Vein	4	1	1	293	2,748.00							
Parker Hi-Grade Coal Co.	Parker	2	Big Vein	3	2	1	220	473.00							
Parkersburg Coal Company	Parkersburg		Big Vein	3	1	1	186	409.00							
Porter, M. D.	Blank		Bakerstown	1	1	1	91	670.00							
Porter Bros. Coal Co.	Porter	Strip	Big Vein	2	1	1	291	3,532.08							
Potomac Big Vein Georges Creek Coal Co.	Union No. 4	Strip	Tyson	2	1	1	306	503.00			3,532.08				
Rank & Rank	Rank	Strip	Big Vein	3	1	1	306	636.00							
Robinson Coal Co.	Tollgate	Strip	Bakerstown	3	1	1	306	636.00							
Russell Mining Company	Hampshire No. 2	Strip	Big Vein	11	1	1	36	8,958.05							
Russell Mining Company	No. 5663	Strip	Big Vein	9	1	1	314	90,662.03							
Russell Mining Company	Martin No. 3	Strip	Big Vein	2	1	1	250	525.00							
Shriver & Drummond	No. 1311	Strip	Big Vein	3	1	1	296	930.00							
Stevens McKenzie Co.	Borden No. 6	1	Big Vein	3	1	1	23	104.00							
Stevens & Ort	Stevens & Ort	1	Big Vein	3	1	1	23	104.00							
Stewart Mining Company	Blackberry	2	Big Vein	4	2	1	198	2,718.00							
Carson Thomas Coal Company	Moscow No. 2	2	Big Vein	4	2	1	162	2,800.00							
Trimble, Jesse	Little Pittsburg	1	Little Pittsburg	1	1	1	162	463.00							
Victory Coal Mines	Victory 3820	1	Bluebaugh	5	1	1	261	5,188.00							
Waddell Douglas	Waddell	1	Big Vein	6	3	1	295	9,138.00							
Ware, Jones & Gutter	Barnes	1	Big Vein	2	1	1	52	389.00							
Williams, William D.	Mr. Freeport	2	Big Vein	1	1	1	255	389.00							
Winters & Brode	Williams	2	Big Vein	2	1	1	163	481.00							
C. O. Workman	Workman	4	Big Vein	4	1	1	110	1,699.00							
Totals.....				585	123	136	1,041	622,225.09	189,854.08	142,524.11	954,604.08	2	138		

FIRE CLAY PRODUCTION—ALLEGANY COUNTY

Name of Operator	Name of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees					Number of Days Worked	Output Statistics				Accidents	
				Miners	Drivers	Inside Laborers	Outside Employees	Total		Pick	Machine	Strip	Total	Fatal	Non-Fatal
Big Savage Refractories Corporation	Big Savage	3	Fire Clay	20	10	3	2	35	304	32,470.08					7
Mt. Savage Refractories Company	Barrelville	9	Claren Clay	10	2	3	1	16	227	18,303.01					1
Totals.....				30	12	6	3	51	531	32,470.08	18,303.01	50,773.09			8

*"Drivers" include brakemen, motormen, etc.

Statistics of Production, Calendar Year 1945

GARRETT COUNTY

Name of Operator	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees				Number of Days Worked	Output Statistics				Accidents		Mining Machines and Equipment	
				Miners	Drivers *	Inside Laborers	Outside Employees		Total	Pick	Machine	Strip	Total	Fatal		Non-Fatal
Freeport No. 2	Freeport No. 2	2	Freeport	2	2	1	1	14	492.00				492.00	4		
Ajax Coal Company	No. 1	1	Bakerstown	12	1	1	1	14	12,036.09				12,036.09	1		
Apple Coal Company	Apple No. 1	1	Freeport	12	1	2	2	15	2,390.00				2,390.00			
Blackburn Coal Company	Hdg. & aircourse	2	Kittanning	3				3	918.00				918.00			
Bland, Elza	Old Patton	1	Kittanning	2				2	165.00				165.00			
Bowman, Clyde		1	Up. Freeport	2				2	700.00				700.00			
Bray Coal Company		2	Kittanning	2				2	1,316.00				1,316.00			
Brennenan, Mrs. Dennis	Jenkins	2	Bakerstown	1	1			2	349.00				349.00			
Burnwell Coal Co., Inc.	Up. Freeport	1	Freeport	19	2	11	2	34	8,678.00				8,678.00			
Coal Recovery Co.	Big Vein	2	Big Vein	2	2			4	1,479.00				1,479.00			
Collins, Robert	Moscow No. 2	2	Bakerstown	2				2	1,179.00				1,179.00			
Cross Fuel Co.	Russell No. 1	2	Big Vein	2	1	3	62	62	37,090.00				37,090.00			
Davis Coal & Coke Company	Kempton No. 42	2	Up. Freeport	52	22	21	17	112	171.00				171.00			
Del Signore (Paul)	Del Signore	1	Up. Kittanning	2				2	75.00				75.00			
DeMarco, James	Brookville	2	Freeport	2				2	1,828.00				1,828.00			
Duckworth, R. S.	Duckworth	2	Freeport	3				3	85,046.00				85,046.00			
Garrett Coal Corporation	Earl No. 2	2	Jr. Kittanning	45	12	4	1	62	8,005.00				8,005.00			
Graustville Coal Co.	Shaw	2	Jr. Kittanning	6	12	1	2	11	456.00				456.00			
Grove Coal Company	Grove	2	Freeport	2				2	150.10				150.10			
Haines Coal Company	Haines	3	Freeport	2				2	1,238.00				1,238.00			
Harvey's Coal Mine	Harvey's	2	Up. Freeport	3				3	1,200.00				1,200.00			
Harvey, Charles V.		1	Freeport	3				3	138.00				138.00			
Herman, Irvin	Martin	2	Freeport	1	1			2	589.00				589.00			
Johnstown Coal & Coke Company	Manor No. 3	1	Freeport	1	1			2	42,811.09				42,811.09			
Lee Coal Company	Ezra Michael	1	Lr. Kittanning	95	26	30	26	177	4,223.00				4,223.00			
McNitt Coal Co.	Hamill	2	Up. Freeport	5	1			6	1,101.16				1,101.16			
McNitt Coal Co.	Hamill	1	Up. Kittanning	41	9	5		60	52,566.13				52,566.13			
Arcl Michaels Coal Company	Michaels	3	Bakerstown	3	1			4	1,865.00				1,865.00			
Mill Run Georges Creek Coal Co.	Ezra Michaels	2	Bakerstown	3	1			4	4,099.00				4,099.00			
A. M. Moon	Lilier & Weeks	4	Freeport	1				1	118.00				118.00			
Edw. S. Moran & Sons	Moran	4	Tyso	4				4	3,455.00				3,455.00			
Edw. S. Moran & Sons	James No. 1	1	Big Vein	1				1	13,781.00				13,781.00			1 cutting machine
Myers Coal Co.	Beauchy	2	Big Vein	1	2			3	4,530.00				4,530.00			
Myers Coal Co.	Louisa No. 2	2	Up. Freeport	10	2	3	3	18	13,971.00				13,971.00			
Pattison, Charles	Ridings No. 1	2	Jr. Kittanning	8				8	2,840.00				2,840.00			
Pattison, Charles	Pattison 1-2	5	Bakerstown	4				4	4,302.00				4,302.00			
Paugh, Dewey C.	Dewey Paugh	1	Freeport	1				1	302.00				302.00			
Paugh, Gusta	Paugh	2	Freeport	2				2	121.00				121.00			
Paugh & Brown	Earl Paugh No. 2	2	Freeport	2				2	549.10				549.10			
Paugh, William J. & Lester	Paugh Bros.	3	Freeport	3	1			4	1,798.00				1,798.00			
Pritts Brothers Coal Co.	Pea Wee	11	Freeport	11	4	1	3	19	19,239.00				19,239.00			
Russell Mining Company	Russell No. 3848	29	Big Vein	1	10		19	29	69,467.16				69,467.16			
Sharpless, Leslie B.	Hamill	1	Freeport	1				1	45.00				45.00			

Drivers include brakemen, motormen, etc.

Statistics of Production, Calendar Year 1945

GARRETT 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			Accidents		Mining Machines and Equipment			
				Miners *	Drivers	Inside Laborers	Outside Employees		Total	Pick	Machine	Strip	Total		Fatal	Non-Fatal	
																	Total	Fatal	Non-Fatal
Sharpless, Leslie B.	Rawlings No. 1	2	Kittanning	5	.....	1	.....	7	6,277.00	.....	.....	.....	.....	.....	.....	.....	.....
Smith, Raleigh	Round Glade	1	Lr. Kittanning	1	.....	.....	.....	1	16.00	.....	.....	.....	.....	.....	.....	.....	.....
Table Rock Coal Company	Table Rock	1	Kittanning	3	1	.....	.....	4	901.00	.....	.....	.....	.....	.....	.....	.....	.....
Tasker & Sharpless	John W. Tasker	.....	Bakerstown	2	.....	.....	.....	2	471.00	.....	.....	.....	.....	.....	.....	.....	.....
Tasker, Robert	Tasker	.....	Bakerstown	1	.....	.....	.....	1	186.00	.....	.....	.....	.....	.....	.....	.....	.....
Tusig, Harry	Round Glade	.....	Bakerstown	1	.....	.....	.....	1	24.00	.....	.....	.....	.....	.....	.....	.....	.....
Uphole—George and Russell	Uphole	.....	Lr. Kittanning	2	.....	.....	.....	2	366.00	.....	.....	.....	.....	.....	.....	.....	.....
Upperman & Sons	Upperman	.....	Lr. Kittanning	1	1	.....	.....	2	620.00	.....	.....	.....	.....	.....	.....	.....	.....
Upperman & Sons	Upperman	.....	Up. Kittanning	2	.....	.....	.....	2	1,039.00	.....	.....	.....	.....	.....	.....	.....	.....
Virts Coal Co., Stanley	Pew Mine	1	Freeport	6	1	.....	.....	7	4,419.08	.....	.....	.....	.....	.....	.....	.....	.....
Weimer, Melvin	Round Glade	.....	Freeport	1	.....	.....	.....	1	72.00	.....	.....	.....	.....	.....	.....	.....	.....
Wilson Bros.	Wilson	.....	Freeport	2	.....	.....	.....	2	951.00	.....	.....	.....	.....	.....	.....	.....	.....
Wolf Den Coal Company	Wolf Den	2	Lr. Kittanning	43	9	6	15	73	11,457.17	52,992.12	.....	.....	.....	.....	.....	.....	2 Arcwalls
Totals.....	.....	.....	.....	442	112	87	116	757	345,056.12	393,593.08	82,977.16	1	139	824,627.16	.....	.....	.....

FIRE CLAY PRODUCTION—GARRETT COUNTY

Name of Operator	Name of Mine	Strip	Distribution of Employees		Number of Days Worked	Output Statistics	Accidents
			Inside Laborers	Outside Employees			
Garrett County Refractories Corp.	Negro Mt.	.....	.....	16	14	.....	.....
Garrett County Refractories Corp.	Yoder Tract	.....	.....	12	39	.....	.....
Totals.....	.....	.....	.....	28	53	.....	.....

* "Drivers" include brakemen, motormen, etc.

TONNAGE BY COAL SEAM—1945**Allegany County**

	Net Tons
Big Vein	538,041.18
Tyson	149,167.18
Waynesburg	138,501.00
Bakerstown	79,830.11
Parker	11,556.00
Freeport	11,258.00
Lower Kittanning	7,773.00
Upper Kittanning	7,156.01
Bluebaugh	5,188.00
Maynadier	3,774.00
Little Pittsburgh	1,663.00
Lower Freeport	360.00
Parker No. 3	335.00
Total	954,604.08

Garrett County

	Net Tons
Lower Kittanning	470,623.07
Upper Freeport	162,952.16
Big Vein	85,977.16
Freeport	33,047.08
Bakerstown	31,374.09
Lower Freeport	13,971.00
"E" Seam	12,535.00
Kittanning	9,577.00
Tyson	3,455.00
Upper Kittanning	1,039.00
Brookville	75.00
Total	824,627.16

TONNAGE BY BASIN—1945

	Net Tons
Georges Creek	1,068,748.13
Upper Potomac	679,421.11
Castleman	24,324.00
Upper Youghiogheny	6,738.00
Total	1,779,232.04

TABLE OF MINE INSPECTIONS
ALLEGANY COUNTY
CALENDAR YEAR 1945

Date	Name of Company and Mine	Location	Inspector
Jan.	5—John L. George, Old Colony Mine.....	Barton	Rowe
"	10—Consolidated Fuel Co., No. 4.....	Eckhart	Powers
"	11—Georges Creek Coal Co., Inc., Waynesburg No. 3..	Lonaconing	Powers
"	18—H. A. Bennett, Bennett No. 1.....	Mill Run	Rowe
"	24—Joseph Meyers, Moore's Run.....	Barton	Rowe
"	24—Beeman & Kyle, Mine No. 1.....	Barton	Rowe
"	25—Big Vein Coal Co. of Lonaconing, Union No. 1....	Zihlman	Powers
"	26—Victory Coal Co., Victory Mine.....	Mt. Savage	Powers
"	27—Russell Mining Co., Midland Mine.....	Midland	Powers
"	30—Consolidated Fuel Co., Mine No. 17.....	Lord	Powers
Feb.	2—William D. William, Black Hills.....	Mt. Savage	Powers
"	2—Georges Creek Big Vein Coal Co., McDonald Mine	Barton	Rowe
"	5—Big Vein Coal Co. of Lonaconing, Castle 1-A.....	Lonaconing	Powers
"	6—Metz Coal Co., Metz Mine.....	Barton	Rowe
"	8—Baker & Lough, Langham.....	Westernport	Rowe
"	8—The Gustan Coal Co., Stanton No. 1.....	Clarysville	Powers
"	9—Bond & Foote, Foote.....	Frostburg	Rowe
"	9—Miners Big Vein Coal Co., Bivecol No. 1.....	Lonaconing	Rowe
"	12—Barton Georges Creek Coal Co., Mine No. 2.....	Mill Run	Rowe
"	12—Georges Creek Coal Co., Inc., Ben Franklin Mine	Lonaconing	Powers
"	26—Cross Fuel Co., Cross No. 1.....	Westernport	Rowe
"	27—Maryland Fuel Co., Mine No. 2.....	Frostburg	Rowe
"	27—Maryland Fuel Co., Mine No. 3.....	Frostburg	Rowe
March	1—Campbell Coal Company, Freeport Mine.....	Piedmont, W. Va.	Rowe
"	2—Campbell Coal Company, Mill Run Mine.....	Piedmont, W. Va.	Rowe
"	7—Campbell Coal Company, Hampshire No. 2.....	Piedmont, W. Va.	Rowe
"	7—Campbell Coal Company, Hampshire No. 3.....	Piedmont, W. Va.	Rowe
"	7—Mt. Savage Refractories Corp., Barrelville Clay Mine.....	Barrelville	Powers
"	9—William Brashear, Hampshire Big Vein.....	Westernport	Rowe
"	9—Coal Recovery Co., Pecol Mine.....	Barton	Rowe
"	9—William Brashear, Victory Mine.....	Westernport	Rowe
"	12-19-20—Consolidated Fuel Co., Mine No. 4.....	Eckhart	Powers
"	15—Freeport Enterprise Coal Co., Dalley Mine.....	Westernport	Rowe
"	16—Maryland Union Coal Corp., Mine No. 1.....	Mt. Savage	Powers
"	19—Koontz Coal Co., Swanton Mine.....	Barton	Rowe
"	22—Thomas J. Clark & Bros., Clark Mine No. 2.....	Barton	Rowe
"	26—A. P. Hoffa Coal Co., Mine No. 4.....	Barton	Rowe
"	29—Koontz Coal Co., Swanton Big Vein Mine.....	Barton	Rowe
"	29—Consolidated Fuel Co., Mine No. 1.....	Ocean	Powers
"	30—Georges Creek Coal Co., Ben Franklin Mine.....	Lonaconing	Powers
"	30—Consolidated Fuel Co., Mine No. 3.....	Hoffman	Rowe
April	4—H. A. Bennett, Bennett No. 1.....	Mill Run	Rowe
"	6—Cumberland Parker Seam Coal Co., Parker No. 2	Newton	Powers
"	9—Big Vein Coal Co. of Lonaconing, Castle G Mine..	Lonaconing	Powers
"	12—Charlestown Big Vein Coal Co., Charlestown.....	Lonaconing	Rowe
"	12—Connors-Haines Coal Co., Jackson No. 2.....	Lonaconing	Rowe
"	12—Bradley & Pollock, Stationery.....	Barton	Rowe
"	13—Jenkins & Cletes.....	Mt. Savage	Powers
"	20-23—Georges Creek Coal Co., Inc., Waynesburg No. 5..	Lonaconing	Powers
"	24-25-26-27—Consolidated Fuel Company, Mine No. 10.....	Eckhart	Powers
May	4—H. A. Bennett, Bennet No. 1.....	Mill Run	Rowe
"	8—Georges Creek Coal Co., Inc., No. 3 Waynesburg..	Lonaconing	Powers
"	10—Mt. Savage Refractories Corp., Barrelville Clay Mine.....	Barrelville	Powers
"	11—William Brashear, Hampshire Big Vein Mine.....	Westernport	Rowe
"	21—Cumberland Parker Seam Coal Co., Parker No. 2..	Newton	Powers
"	23—Georges Creek Big Vein Coal Co., McDonald Mine	Barton	Rowe
June	4—Big Vein Coal Co. of Lonaconing, Castle No. 1-A..	Lonaconing	Powers
"	11—Earl Michaels, Michaels Mine.....	Eckhart	Powers
"	12—Douglas Waddell Coal Co., Waddell Mine.....	Lonaconing	Powers
"	21—Georges Creek Coal Co., Ben Franklin Mine.....	Lonaconing	Powers
"	22—John Cletes, Cletes Mine (Wellersburg P. O.).....	State Line	Powers

TABLE OF MINE INSPECTIONS
ALLEGANY COUNTY
CALENDAR YEAR 1945

Date	Name of Company and Mine	Location	Inspector
June	22—Miners Big Vein Coal Co., Bivecol No. 1.....	Lonaconing	Rowe
"	25—Big Vein Coal Co. of Lonaconing, Union No. 1....	Zihlman	Powers
"	26—Consolidated Fuel Co., Hoffman No. 3.....	Hoffman	Powers
"	28—Consolidated Fuel Co., Mine No. 4.....	Eckhart	Powers
"	29—Parker Hi-Grade Coal Co., Parker Mine.....	Barrelville	Powers
July	2—Stevens & Ort, Borden Mine.....	Borden	Powers
"	2—Charles Shriver, Borden Mine.....	Borden	Powers
"	2—Evan Fuel Co., Evans Mine.....	Borden	Powers
"	Georges Creek Coal Co., Inc., Waynesburg No. 3..	Lonaconing	Powers
"	3—Consolidated Fuel Co., Ocean No. 1.....	Ocean	Powers
"	6—Barton Georges Creek Coal Company, Mine No. 2	Barton	Rowe
"	9—Liberty Coal Co., Liberty Mine.....	Mt. Savage	Powers
"	17—Mt. Savage Refractories Corp.,		
"	20—Barrelville Clay Mine.....	Barrelville	Powers
"	Big Savage Refractories Corp.,		
"	25—No. 6 Fire Clay Mine.....	Mt. Savage	Powers
Aug.	6—Georges Creek Coal Co., Inc., Ben Franklin Mine	Lonaconing	Powers
"	7—Evan's Fuel Co., Evans Mine.....	Borden	Powers
"	7—Stevens & Ort, Borden Mine.....	Borden	Powers
"	13—Big Vein Coal Co. of Lonaconing, Union No. 1....	Zihlman	Powers
"	17—Big Vein Coal Co. of Lonaconing, Castle G.....	Koontz	Powers
"	30—John Cletes, Cletes Mine.....	State Line	Powers
Sept.	4-10—Georges Creek Coal Co., Inc., Waynesburg No. 3	Lonaconing	Powers
"	5—Consolidated Fuel Co., Mine No. 4.....	Eckhart	Powers
"	6—Sunny Side Coal Co., No. 1.....	Barrelville	Powers
"	12—Consolidated Fuel Co., Mine No. 3.....	Hoffman	Rowe
"	13—Maryland Fuel Co., Mine No. 3.....	Frostburg	Rowe
"	18—Cumberland Parker Seam Coal Co., Parker No. 2..	Newton	Powers
"	20—Georges Creek Coal Co., Inc., Ben Franklin Mine	Lonaconing	Powers
"	22—John Cletes, Cletes Mine.....	State Line	Powers
"	25-26—Consolidated Fuel Co., No. 10.....	Eckhart	Powers
Oct.	1—Big Vein Coal Co. of Lonaconing, Castle G.....	Koontz	Powers
"	3—Koontz Coal Co., Swanton Big Vein Mine.....	Barton	Rowe
"	4—Gunstan Coal Co., Gunstan No. 1.....	Short Gap	Powers
"	4—A. P. Hoffa Coal Co., Hoffa No. 4 Mine.....	Pekin	Rowe
"	5—Beeman & Kyle Mine No. 1.....	Barton	Rowe
"	5—Joseph B. Meyers, Meyers Mine.....	Barton	Rowe
"	8—Campbell Coal Co., Mill Run Mine.....	Piedmont, W.Va.	Rowe
"	8—Consolidated Fuel Co., No. 4.....	Eckhart	Powers
"	11—Campbell Coal Co., Hampshire No. 3.....	Reynolds	Rowe
"	11—Campbell Coal Co., Hampshire No. 2.....	Reynolds	Rowe
"	12—William Brashear, Hampshire Big Vein.....	Reynolds	Rowe
"	12—Georges Creek Coal Co., Inc., Big Vein.....	Lonaconing	Powers
"	29—McNitt Coal Co., Bow. Fur. No. 2.....	Shaft	Powers
Nov.	5—Georges Creek Coal Co., Ben Franklin.....	Lonaconing	Powers
"	13—Metz Coal Company, Metz Mine.....	Barton	Rowe
"	13—Potomac B. V. G. C. C. Co., Potomac Strip.....	Lonaconing	Rowe
"	13—Joseph B. Meyers, No. 2.....	Barton	Rowe
"	14—Koontz Coal Co., Swanton Bakerstown Mine.....	Barton	Rowe
"	21—The Big Vein Coal Co. of Lonaconing, Castle Mine	Koontz	Powers
"	22—Liberty Fuel Co., Liberty Mine.....	Mt. Savage	Powers
"	22—Jessie Trimble, Duwell Mine.....	Mt. Savage	Powers
"	22—Stewart Mining Co., Blackberry Mine.....	Mt. Savage	Powers
"	23—Mt. Savage Refractories Corp.,		
"	Barrelville Clay Mine.....	Barrelville	Powers
"	26—John Cletes, Cletes Mine.....	State Line	Powers
Dec.	3—Big Vein Coal Co. of Lonaconing, Castle G Mine..	Koontz	Powers
"	7—Georges Creek Coal Co., Inc., Ben Franklin.....	Lonaconing	Powers
"	11—Consolidated Fuel Co., No. 1.....	Ocean	Powers
"	20—Campbell Coal Co., Freeport Mine.....	Reynolds	Rowe
"	27—Thomas J. Clark & Bros., Clark No. 2.....	Barton	Rowe
"	28—John L. George, George No. 2.....	Barton	Rowe
"	31—Barton Georges Creek Coal Co., No. 2.....	Mill Run	Rowe

TABLE OF MINE INSPECTIONS

GARRETT COUNTY

CALENDAR YEAR 1945

Date	Name of Company and Mine	Location	Inspector
Jan.	9—Meyers Coal Co., Beachy Mine.....	Shade Run	Powers
"	9-10—Davis Coal & Coke Co., Mine No. 42.....	Kempton	Rowe
"	11—Apple Coal Co., Apple No. 1.....	Steyer	Rowe
"	12—Meyers Coal Co., Louisa No. 2.....	Gormanian, W.Va.	Rowe
"	25—G. L. Martin, Earl Paugh Mine.....	Keyser, W.Va.	Rowe
"	25—Stanley Virts, Pew Mine.....	Swanton	Rowe
"	30—Charles Pattison, Pattison Mine No. 1.....	Bloomington	Rowe
"	30—Charles Pattison, Pattison Mine No. 2.....	Bloomington	Rowe
"	31—Wolf Den Coal Corp., Wolf Den Mine.....	Shallmar	Rowe
Feb.	1—Wolf Den Coal Corp., Wolf Den Mine.....	Shallmar	Rowe
"	7—Pritts Brothers Coal Co., Pee Wee Mine.....	Kitzmiller	Rowe
"	12—Garrett Coal Corp., Earl No. 2.....	Kitzmiller	Rowe
"	12—Garrett Coal Corp., Earl No. 3.....	Kitzmiller	Rowe
"	14-15-16—Johnstown Coal & Coke Co., Manor No. 3.....	Vindex	Rowe
March	5-8—Davis Coal & Coke Co., No. 42.....	Kempton	Rowe
"	9—Russell Mining Co., Russell Mine.....	Barton	Rowe
"	12—Garrett Coal Corp., Earl No. 2.....	Kitzmiller	Rowe
"	13—Charles Harvey, Arthur Harvey Mine.....	Swanton	Rowe
"	13—R. S. Duckworth, Duckworth Mine.....	Swanton	Rowe
"	14—Charles V. Harvey, Ferguson Mine.....	Deer Park	Rowe
"	14—William Upperman, Upperman No. 1.....	Deer Park	Rowe
"	14—A. M. Moon, Liller & Weeks Mine.....	Deer Park	Rowe
"	15—Groves Coal Co., Groves Mine.....	Westernport	Rowe
"	15—Irvin Herman, Herman Mine.....	Westernport	Rowe
"	17—Meyers Coal Co., Beachy Mine.....	Shade Run	Powers
"	21—Leslie B. Sharpless, Rawlings Mine.....	Kitzmiller	Rowe
"	27—McNitt Coal Co., Hamill No. 1.....	Kitzmiller	Rowe
"	28—Meyers Coal Co., Louisa No. 2.....	Gormanian, W.Va.	Rowe
April	3—Lee Coal Co. and Mill Run Georges Creek Coal Co., Ez. Michaels.....	Mill Run	Rowe
"	4—Coal Recovery Co., Pecal Mine.....	Barton	Rowe
"	4—Michaels-Evans Coal Co., Arch Michaels Mine.....	Mill Run	Rowe
"	4—Carson Thomas, Pecal Mine.....	Barton	Rowe
"	10—Myers Coal Co., Beachy Mine.....	Shade Run	Powers
"	11—Burnwell Coal Co., Jenkins Mine.....	New Germany	Powers
"	13—Ajax Coal Co., Ajax No. 1.....	Mill Run	Rowe
"	17—Burnwell Coal Co.....	New Germany	Powers
"	18—Grantsville Coal Co., Shaw Mine.....	Negro Mt.	Powers
May	4—Myers Coal Co., Beachy Mine.....	Grantsville	Powers
"	10-22—Davis Coal & Coke Co., Mine No. 42.....	Kempton	Rowe
"	14—Charles Pattison, Mine No. 3.....	Bloomington	Rowe
"	14—Charles Pattison, Mine No. 1.....	Bloomington	Rowe
"	15—R. S. Duckworth, Duckworth Mine.....	Swanton	Rowe
"	15—Earl Paugh, Tichnell Mine.....	Swanton	Rowe
"	15—Stanley Virts Coal Co., Pew Mine.....	Swanton	Rowe
"	17-18—Wolf Den Coal Corp., Wolf Den Mine.....	Shallmar	Rowe
"	29—Garrett Coal Corp., Mine Earl No. 3.....	Kitzmiller	Rowe
"	29—Garrett Coal Corp., Mine Earl No. 2.....	Kitzmiller	Rowe
June	14—Burnwell Coal Co., Jenkins Mine.....	New Germany	Powers
"	21—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller	Rowe
July	10—Davis Coal & Coke Co., Mine No. 42.....	Kempton	Rowe
"	11—Davis Coal & Coke Co., Mine No. 42.....	Kempton	Rowe
"	16—Grantsville Coal Co., Shaw Mine.....	Negro Mt.	Powers
"	23—Myers Coal Co., Beachy Mine.....	Shade Run	Powers
"	30—Meyers Coal Co., Louisa No. 2.....	Gormanian, W.Va.	Rowe
"	31, Aug. 1-2-3—Johnstown Coal & Coke Co., Manor No. 3.....	Vindex	Rowe
Aug.	30—Cross Fuel Co., Strip, Russell.....	Westernport	Rowe
"	30—Russell Mining Co., Pecal, Strip.....	Westernport	Rowe
"	31—Alleghany Coal Corp., Mine No. 1.....	Jennings	Powers
Sept.	11—R. C. Blackburn, Backbone Mine.....	Bayard, W.Va.	Rowe
"	11—Elza Bland, Anderson Mine.....	Egion, W.Va.	Rowe
"	11—Edw. S. Moran & Sons, James No. 1.....	Westernport	Rowe
"	17—Grantsville Coal Co., Shaw Mine.....	Negro Mt.	Powers

**TABLE OF MINE INSPECTIONS
GARRETT COUNTY
CALENDAR YEAR 1945**

Date	Name of Company and Mine	Location	Inspector
Oct.	9-10—Davis Coal & Coke Co., Mine No. 42.....	Kempton	Rowe
Nov.	12—Edw. S. Moran & Sons, Mine No. 1.....	Westernport	Rowe
"	16—Paul DelSignore, Gilbert Mine.....	Gormanias, W.Va.	Rowe
"	29—Burnwell Coal Co., Jenkins Mine.....	New Germany	Powers
Dec.	10—Alleghany Coal Corp., Mine No. 1.....	Jennings	Rowe
"	17—Ajax Coal Co., Ajax No. 1.....	Westernport	Rowe
"	18—Bray Coal Co., No. 1.....	Kitzmiller	Rowe
"	18—Bray Coal Co., No. 2.....	Kitzmiller	Rowe
"	18—L. B. Sharpless, Rawlings Mine.....	Kitzmiller	Rowe
"	26—Mill Run Georges Creek Coal Co. and Lee Coal Co., Ez. Michaels 1 & 2.....	Westernport	Rowe

**TABLE OF MINE SCALE INSPECTIONS
ALLEGANY COUNTY
CALENDAR YEAR 1945**

J. DeSales Maher, Inspector.

Date	Name of Company and Mine	Address
Jan.	10—Parker Hi-Grade Coal Company, Parker Mine.....	Barrelville
"	11—Campbell Coal Co., Hampshire Mine.....	Piedmont, W. Va.
"	16—Barton Georges Creek Coal Co., Mill Run Mine.....	Barton
"	17—Cumberland Parker Seam Coal Corp., Parker Mine.....	Cumberland
"	23—McNitt Coal Co., Midlothian Mine.....	Frostburg
"	24—Big Vein Coal Co. of Lonaconing, Inc., Castle Mine.....	Lonaconing
"	26—Big Vein Coal Co. of Lonaconing, Inc., Union No. 1.....	Lonaconing
"	30—Bennett Coal Co., Mill Run Mine.....	Westernport
"	31—Georges Creek Coal Co., Waynesburg Mine.....	Lonaconing
Feb.	1—Consolidated Fuel Co., Mine No. 1.....	Ocean
"	7—Maryland Fuel Co., Mine No. 2.....	Frostburg
"	8—Metz Coal Co., Barton Mine.....	Barton
"	9—Consolidated Fuel Co., Mine No. 3.....	Frostburg
"	13—Koontz Coal Co., Swanton Mine.....	Barton
"	16—Consolidated Fuel Co., Mine No. 10.....	Eckhart
"	19—Georges Creek Coal Co., Mine No. 2.....	Lonaconing
"	20—Miners Big Vein Coal Co., Bivecol Mine.....	Lonaconing
"	21—Parker Hi-Grade Coal Co., Parker Mine.....	Barrelville
Mar.	9—Campbell Coal Co., Hampshire Mine.....	Piedmont, W. Va.
"	16—Consolidated Fuel Co., Mine No. 17.....	Frostburg
"	19—Cumberland Parker Seam Coal Co., Parker Mine.....	Cumberland
"	20—Campbell Coal Co., Mill Run Mine.....	Piedmont, W. Va.
"	21—Maryland Fuel Co., Mine No. 2.....	Frostburg
"	22—Langham Coal Co., Butcher Run Mine.....	Barton
"	26—Big Vein Coal Co. of Lonaconing, Castle G Mine.....	Lonaconing
"	29—A. P. Hoffa Coal Co., Pekin Mine.....	Barton
April	3—Bennett Coal Co., Mill Run Mine.....	Westernport
"	5—Big Vein Coal Co. of Lonaconing, Castle Mine.....	Lonaconing
"	6—Georges Creek Coal Co., Mine No. 2.....	Lonaconing
"	10—Big Savage Refractories, Soft Clay Mine.....	Frostburg
"	10—Big Savage Refractories, Hard Clay Mine.....	Frostburg
"	13—Md. Union Coal Co., Union Mine No. 3.....	Cumberland
"	16—Barton Georges Creek Coal Co., Mill Run Mine.....	Barton
"	27—Georges Creek Coal Co., Mine No. 4.....	Lonaconing
May	3—Campbell Coal Co., Hampshire Mine.....	Piedmont, W. Va.
"	4—Parker Hi-Grade Coal Co., Parker Mine.....	Barrelville
"	9—Consolidated Fuel Co., Mine No. 3.....	Frostburg
"	10—Big Vein Coal Co. of Lonaconing, Union No. 1.....	Lonaconing
"	15—Miners Big Vein Coal Co., Bivecol Mine.....	Frostburg
"	15—Big Vein Coal Co. of Lonaconing, Castle G Mine.....	Lonaconing
"	15—Maryland Fuel Co., Mine No. 2.....	Frostburg
"	16—Consolidated Fuel Co., Mine No. 1.....	Frostburg
"	16—Georges Creek Coal Co., Fuel Tipple Mine No. 4.....	Lonaconing
"	16—Georges Creek Coal Co., Waynesburg No. 4.....	Lonaconing
"	16—Georges Creek Coal Co., Mine No. 2.....	Lonaconing
"	17—Consolidated Fuel Co., Mine No. 17.....	Frostburg
"	17—Big Vein Coal Co. of Lonaconing, Castle Shaker Scale.....	Lonaconing
"	17—Big Vein Coal Co. of Lonaconing, Castle Run of Mine Scale.....	Lonaconing
"	18—Big Vein Coal Co. of Lonaconing, Union No. 1.....	Lonaconing
"	18—Big Vein Coal Co. of Lonaconing, Union No. 1 Tipple.....	Lonaconing
"	18—Cumberland Parker Seam Coal Co., Parker Mine No. 2.....	Barrelville
"	18—Little Ben Coal Co., Victory Mine.....	Barrelville
"	18—Parker Hi-Grade Coal Co., Parker Mine.....	Barrelville
"	22—Consolidated Fuel Co., Mine No. 10.....	Eckhart
"	22—Consolidated Fuel Co., Mine No. 3.....	Frostburg
"	22—Big Savage Refractories, Inc., Hard Clay Mine.....	Frostburg
"	22—Big Savage Refractories, Inc., Soft Clay Mine.....	Frostburg
"	23—Big Savage Refractories, Inc., Savage Mt. Mine.....	Frostburg
"	29—Campbell Coal Co., Hampshire Mine.....	Piedmont, W. Va.
"	29—Barton Georges Creek Coal Co., Mill Run Mine.....	Barton
"	29—Bennett Coal Co., Mill Run Mine.....	Westernport
"	31—Thomas J. Clark & Bros. Coal Co., Clark Mine.....	Barton
"	31—Campbell Coal Co., Freeport Mine.....	Piedmont, W. Va.
"	31—Koontz Coal Co., Swanton Mine.....	Frostburg
"	31—Langham Coal Co., Butcher Run Mine.....	Barton
June	4—Little Ben Coal Co., Victory Mine.....	Barrelville
"	5—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	6—McNitt Coal Co., Big Vein No. 2 Mine.....	Frostburg

**TABLE OF MINE SCALE INSPECTIONS
ALLEGANY COUNTY
CALENDAR YEAR 1945**

J. DeSales Maher, Inspector.

Date	Name of Company and Mine	Address
"	8—Burnwell Coal Co., Jenkins Mine.....	Grantsville
"	12—Consolidated Fuel Co., Mine No. 1.....	Frostburg
"	13—Consolidated Fuel Co., Mine No. 3.....	Frostburg
"	14—Metz Coal Co., Metz Mine.....	Barton
"	15—Table Rock Coal Co., Arnold Mine.....	Gortner
"	18—Big Vein Coal Co. of Louaoning, Castle G Mine.....	Louaoning
"	19—Big Vein Coal Co. of Louaoning, Castle G Mine.....	Louaoning
"	25—Georges Creek Coal Co., Waynesburg No. 4.....	Louaoning
"	27—Consolidated Fuel Co., Mine No. 17.....	Frostburg
July	2—Campbell Coal Co., Mill Run Mine.....	Piedmont, W. Va.
"	3—Parker Hi-Grade Coal Co., Parker Mine.....	Barrelville
"	9—A. P. Hoffa Coal Co., Pekin Mine.....	Barton
"	10—Big Savage Refractories, Soft Clay Mine.....	Frostburg
"	10—Big Savage Refractories, Hard Clay Mine.....	Frostburg
"	16—Consolidated Fuel Co., Mine No. 10.....	Frostburg
"	17—Cumberland Parker Seam Coal Co., Parker No. 2.....	Barrelville
"	18—Campbell Coal Co., Hampshire Mine.....	Piedmont, W. Va.
"	26—McNitt Coal Co., Mine No. 2.....	Frostburg
"	27—Georges Creek Barton Coal Co., Mill Run Mine.....	Barton
Aug.	1—McNitt Coal Co., McNitt No. 2.....	Frostburg
"	6—Georges Creek Coal Co., Mine No. 4.....	Louaoning
"	9—Clark Bros. Coal Co., Barton Mine.....	Barton
"	21—Consolidated Fuel Co., Mine No. 3.....	Frostburg
Sept.	5—Koontz Coal Co., Swanton Mine.....	Frostburg
"	6—Parker Hi-Grade Coal Co., Parker Mine.....	Barrelville
"	11—Campbell Coal Co., Hampshire Mine.....	Piedmont, W. Va.
"	12—Barton Georges Creek Coal Co., Mill Run Mine.....	Barton
"	13—Consolidated Fuel Co., Mine No. 3.....	Frostburg
Oct.	2—McNitt Coal Co., McNitt No. 2.....	Frostburg
"	3—Georges Creek Coal Co., Mine No. 3.....	Louaoning
"	4—Johnson Coal Co., Langham Mine.....	Barton
"	12—Campbell Coal Co., Mill Run Mine.....	Piedmont, W. Va.
"	16—Thomas J. Clark Bros. Coal Co., Barton Mine.....	Barton
"	29—Howard A. Bennett Coal Co., Mill Run Mine.....	Mill Run
"	29—Metz Coal Co., Barton Mine.....	Barton
"	29—Ajax Coal Co., Mine No. 1.....	Mill Run
"	29—Campbell Coal Co., Hampshire Mine.....	Barton
"	30—Campbell Coal Co., Mill Run Mine.....	Mill Run
"	30—Campbell Coal Co., Freepport Mine.....	Barton
"	30—Georges Creek Coal Co., Mill Run Mine.....	Barton
"	30—Johnson Coal Co., Langham Mine.....	Barton
"	31—Koontz Coal Co., Swanton Mine.....	Barton
"	31—A. P. Hoffa Coal Co., Pekin Mine.....	Barton
"	31—Thomas J. Clark & Bros. Coal Co., Barton Mine.....	Barton
Nov.	2—Miners Big Vein Coal Co., Bivecol Mine.....	Louaoning
"	2—Georges Creek Coal Co., Mine No. 2.....	Louaoning
"	2—Georges Creek Coal Co., Tipple R. R. Mine No. 2.....	Louaoning
"	5—Georges Creek Coal Co., R. R. Tipple Mine No. 4.....	Louaoning
"	5—Georges Creek Coal Co., Fuel Tipple Mine No. 4.....	Louaoning
"	5—Consolidated Fuel Co., Mine No. 1.....	Frostburg
"	7—Big Savage Refractories, Inc., Soft Clay Mine.....	Frostburg
"	7—Big Savage Refractories, Inc., Hard Clay Mine.....	Frostburg
"	7—Big Savage Refractories, Inc., Soft Clay Seales.....	Frostburg
"	8—Consolidated Fuel Co., Mine No. 17.....	Frostburg
"	8—McNitt Coal Co., Mine No. 2.....	Frostburg
"	8—Consolidated Fuel Co., Mine No. 4.....	Frostburg
"	8—Consolidated Fuel Co., Mine No. 3.....	Frostburg
"	9—Parker Hi-Grade Coal Co., Parker Mine.....	Barrelville
"	9—Little Ben Coal Co., Victory Mine.....	Barrelville
"	9—Cumberland Parker Seam Coal Co., Parker Mine No. 2.....	Barrelville
"	14—Big Vein Coal Co. of Louaoning, Union No. 1.....	Louaoning
"	16—Consolidated Fuel Co., Mine No. 1.....	Frostburg
"	16—Big Vein Coal Co. of Louaoning, Castle Mine.....	Louaoning
"	16—Big Vein Coal Co. of Louaoning, Castle G Mine.....	Louaoning
"	27—Cumberland Parker Seam Coal Co.....	Barrelville
Dec.	11—A. P. Hoffa Coal Co., Pekin Mine.....	Barton
"	14—Consolidated Fuel Co., Mine No. 3.....	Frostburg
"	17—Campbell Coal Co., Freepport Mine.....	Piedmont, W. Va.
"	18—Georges Creek Coal Co., Mine No. 3.....	Louaoning
"	19—Little Ben Coal Co., Victory Mine.....	Barrelville

TABLE OF MINE SCALE INSPECTIONS
GARRETT COUNTY
CALENDAR YEAR 1945

J. DeSales Maher, Inspector.

Date	Name of Company and Mine	Location of Mine
Jan.	8—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	9—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	12—Davis Coal & Coke, Mine No. 42.....	Kempton
"	18—Wolfe Den Coal Co., Shallmar Mine.....	Shallmar
"	19—Myers Coal Co., Louisa No. 2 Mine.....	Gorman
"	22—Chas. Pattison Coal Co., Bloomington Mine.....	Bloomington
"	25—Myer Coal Co., Beachy Mine.....	Grantsville
"	29—McNitt Coal Co., Hamill Mine.....	Kitzmiller
Feb.	6—Davis Coal & Coke Co., Mine No. 42.....	Kempton
"	12—Garrett Coal Corp., Earl No. 2.....	Kitzmiller
"	23—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	26—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	27—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller
"	28—Chas. Pattison Coal Co., Bloomington Mine.....	Bloomington
March	8—Wolf Den Coal Co., Shallmar Mine.....	Shallmar
"	15—Davis Coal & Coke Co., Mine No. 42.....	Kempton
"	23—McNitt Coal Co., Hamill Mine.....	Frostburg
"	27—Myer Coal Co., Beachy Mine.....	Grantsville
"	28—Myers Coal Co., Louisa Mine No. 2.....	Gorman
"	30—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
April	9—Davis Coal & Coke Co., Mine No. 42.....	Kempton
"	11—McNitt Coal Co.....	Frostburg
"	12—Wolf Den Coal Co., Shallmar Mine.....	Shallmar
"	14—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller
"	18—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	19—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	25—Johnstown Coal & Coke Co., Mine No. 3.....	Vindex
"	26—L. B. Sharpless, Rawlings Mine.....	Kitzmiller
May	1—Garrett Coal Corp., Earl Mine No. 2.....	Kempton
"	7—Chas. Pattison Coal Co., Bloomington Mine.....	Bloomington
"	11—Davis Coal & Coke Co., Mine No. 42.....	Kempton
"	21—Myers Coal Co., Louisa Mine No. 2.....	Gorman
"	23—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	23—Myer Coal Co., Beachy Mine.....	Grantsville
"	23—Burnwell Coal Co., Inc.....	Grantsville
"	24—Wolf Den Coal Co., Wolf Den Mine.....	Shallmar
"	25—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller
"	25—McNitt Coal Co., Hamill Mine.....	Frostburg
"	25—Garrett Coal Corp., Earl Mine No. 2.....	Kitzmiller
"	28—Chas. Pattison Coal Co., Bloomington Mine.....	Bloomington
"	28—Stanley Virts Coal Co., Pew Mine.....	Swanton
"	28—Ajax Coal Co., Mine No. 1.....	Westernport
June	18—Chas. Pattison Coal Co., Bloomington Mine.....	Bloomington
"	20—Davis Coal & Coke Co., Mine No. 42.....	Kempton
"	20—Davis Coal & Coke Co., Mine No. 42.....	Kempton
"	21—Ajax Coal Co., Mine No. 1.....	Mill Run
"	22—Pritts Bros. Coal Co., Pee Wee Mine.....	Kitzmiller
"	28—Wolf Den Coal Co., Wolf Den Mine.....	Shallmar
July	6—Grantsville Coal Co., Sloan Mine.....	Grantsville
"	11—Myers Coal Co., Louisa Mine No. 2.....	Gorman
"	13—L. B. Sharpless, Rawlings Mine.....	Kitzmiller
"	19—McNitt Coal Co., Hamill Mine.....	Kitzmiller
"	23—Burnwell Coal Co., Jenkins Mine No. 1.....	Grantsville
Aug.	7—Wolf Den Coal Co., Shallmar Mine.....	Shallmar
"	8—Grantsville Coal Co., Sloan Mine.....	Grantsville.
"	20—Davis Coal & Coke Co., Mine No. 42.....	Kempton
"	27—Myers Coal Co., Louisa Mine No. 2.....	Gorman
"	29—Garrett Coal Corp., Earl Mine No. 2.....	Kitzmiller

TABLE OF MINE SCALE INSPECTIONS
GARRETT COUNTY
CALENDAR YEAR 1945

J. DeSales Maher, Inspector.

Date	Name of Company and Mine	Location of Mine
Aug. 29	Johnstown Coal & Coke Co., Mine No. 3	Vindex
" 30	Myer Coal Co., Beachy Mine	Grantsville
Sept. 7	Wolf Den Coal Co., Wolf Den Mine	Shallmar
" 10	Johnstown Coal & Coke Co., Mine No. 3	Vindex
" 14	McNitt Coal Co., Hamill Mine	Kitzmiller
Oct. 5	Davis Coal & Coke Co., Mine No. 42	Kempton
" 8	Pritts Bros. Coal Co., Pee Wee Mine	Kitzmiller
" 9	Burnwell Coal Co., Jenkins Mine	Grantsville
" 9	Grantsville Coal Co., Sloan Mine	Grantsville
" 10	Chas. Pattison Coal Co., Bloomington Mine	Bloomington
" 11	Johnstown Coal & Coke Co., Mine No. 3	Vindex
" 17	Garrett Coal Corp., Standard Mine	Kitzmiller
" 19	Sharpless Coal Co., Rawlings Mine	Kitzmiller
" 23	McNitt Coal Co., Hamill Mine Six Foot	Kitzmiller
" 23	Pritts Bros. Coal Co., Pee Wee Mine	Kitzmiller
" 24	Garrett Coal Corp., Earl Mine No. 2	Kitzmiller
" 24	L. B. Sharpless, Rawlings Mine	Kitzmiller
" 24	Wolf Den Coal Co., Shallmar Mine	Shallmar
" 25	Chas. Pattison Coal Co., Bloomington Mine	Bloomington
" 25	Virts Coal Co., Freeport Mine	Swanton
" 26	Davis Coal & Coke Co., Mine No. 42	Kempton
" 26	Myers Coal Co., Louisa Mine No. 2	Gorman
Nov. 6	Myer Coal Co., Beachy Mine	Grantsville
" 6	Grantsville Coal Co., Sloan Mine	Grantsville
" 6	Alleghany Coal Co., Mine No. 1	Grantsville
" 7	Burnwell Coal Co., Jenkins Mine	Grantsville
" 13	Wolf Den Coal Co., Shallmar Mine	Shallmar
" 15	McNitt Coal Co., Hamill Mine	Kitzmiller
" 20	Johnstown Coal & Coke Co., Mine No. 3	Vindex
" 21	Burnwell Coal Co., Jenkins Mine	Grantsville
" 23	Myers Coal Co., Louisa Mine No. 2	Gorman
" 26	Chas. Pattison Coal Co., Bloomington Mine	Bloomington
" 28	Ajax Coal Co., Mine No. 1	Mill Run
" 29	Davis Coal & Coke Co., Mine No. 42	Kempton
" 30	Myer Coal Co., Beachy Mine	Grantsville
Dec. 12	Garrett Coal Corp., Earl Mine No. 2	Kitzmiller
" 20	Johnstown Coal Co., Mine No. 3	Vindex
" 21	Consolidated Fuel Co., Mine No. 17	Frostburg
" 27	Wolf Den Coal Co., Shallmar Mine	Shallmar
" 28	Grantsville Coal Co., Sloan Mine	Grantsville



Scene of fatal accident to Charles Preston, employed at strip pit operated by Russell Mining Company, opposite Knapp's Meadow, Lonaconing, Allegany County, November 13, 1945.

FATAL ACCIDENTS—1945

ALLEGANY COUNTY

On April 18, 1945, 4:20 P. M., Harry D. Skidmore, a miner, employed at the Hampshire Big Vein Mine operated by William Brashear, located at Reynolds, Allegany County, Maryland, was fatally injured by a fall of roof rock.

The men were going to set a prop before leaving and Mr. Skidmore was digging bottom coal to make space when a piece of rock fell from roof where the prop was to be set.

Time of Accident—April 18, 1945, 4:20 P. M.

Date of Death—April 18, 1945.

Name of Injured—Harry D. Skidmore.

Nationality—American.

Age—29 years.

Married or Single—Married.

Number of Dependents—Seven.

Residence—Westernport, Md.

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

Time and Date of Inspection—April 19, 1945, by Inspector Rowe.

RECOMMENDATION—Dangerous roof condition requires forepoles or slabs.

On November 13, 1945, about 10:15 A. M., Charles Preston, an oiler and shoveler, employed by the Russell Mining Company at their No. 4 Big Vein crop strip, Lonaconing, Allegany County, Maryland, was fatally injured due to dipper on the shovel falling on him.

Mr. Preston was leveling off coal that had fallen from trucks. The shovel runner had left the dipper suspended in the air and Mr. Preston was under it when it came down, crushing him and causing injuries from which he died November 17, 1945. The victim was employed as an oiler, and had jumped down out of the cab to clean up coal that had fallen from trucks. The shovel runner had loaded dipper and left it suspended in the air and stepped out on the running board to talk to a laborer when the dipper came down, catching Preston. The

shovel runner was waiting for a truck to back in to load it. He should have left dipper on ground until ready to load.

Time of Accident—November 13, 1945 about 10:15 A. M.

Date of Death—November 17, 1945.

Name of Injured—Charles Preston.

Nationality—American.

Age—46 years.

Married or Single—Married.

Number of Dependents—None.

Residence—Midland, Md.

Inspector in Charge of District—Frank T. Powers.

Time and Date of Inspection—November 14, 1945, by Inspector Powers, accompanied by Chief Mine Engineer J. J. Rutledge.

RECOMMENDATION—Dipper should be on ground when not in operation.

GARRETT COUNTY

On March 3, 1945, 11:00 A. M., Michael Del Signore, a miner, employed by The Davis Coal and Coke Company, at Kempton No. 42 Mine, Kempton, Garrett County, Maryland, was fatally injured by a fall of draw rock.

Mr. Del Signore was standing in room-neck, watching passing trip, and a derailed mine car knocked out leg of cross-bar, allowing draw rock to fall. Victim was crushed by rock.

Time of Accident—March 3, 1945, 11:00 A. M.

Date of Death—March 3, 1945.

Name of Injured—Michael Del Signore.

Nationality—Italian.

Age—52 years.

Married or Single—Married.

Number of Dependents—Three.

Residence—Bayard, W. Va.

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

Time and Date of Inspection—March 5, 1945, by Inspector Rowe, A. F. Diamond, Bernard Yoor and Richard Ryan.

RECOMMENDATION—Bar and loose rock should have been taken down.

FATAL ACCIDENTS—1945

There were three fatal accidents during the calendar year 1945 in the coal mines of Maryland. Two of these were underground accidents, both due to falls of roof. One was a stripping accident, a ground man being fatally injured by reason of the dipper of a power shovel falling on him, the operator having left the controls of the shovel and leaving the dipper hanging in the air. This was the first stripping fatality in Maryland.

LABOR CONDITIONS—1945

During the year 1945 there were no serious stoppages of work or strikes in the region but, as in the year 1944, there was a continued shortage of mine labor and a very considerable amount of absenteeism. The Armed Forces were taking some mine employees, particularly the younger ones, and industries other than mining were attracting mine labor. It is a fact seldom realized by the general public that coal mining is practically the only industry, at the present time, which continues to employ men who have reached middle age and beyond. There was a decided shortage of mine foremen, and assistant foremen, and this condition existed in face of the fact that the highest wages were paid this class of employees since the inception of this Bureau.

IMPROVEMENTS—1945

The George's Creek Coal Company, Inc., made a new opening in the Franklin, or so-called "Dirty Nine" coal seam, at the crossing of the George's Creek Boulevard and the main line of the Cumberland and Pennsylvania Railroad near the town of Lonaconing, Allegany County. An old opening was made in 1900, at this point, but very little production of coal was done until 1945. A substantial frame tippie has been erected, and this tippie is equipped with screening facilities and storage bins, and scales for weighing mine cars, as well as scales for weighing the truck coal. At the present time there is no railroad connection but all of the coal is loaded into trucks. This coal is being used principally to fire domestic stokers and is reported to give very good satisfaction.

This is the first opening of any size in the Franklin coal seam, and the operation will be watched with interest by the general public and other coal operators.

The Hazlewood interests, engaged exclusively in the production of coal by mechanical stripping, erected a tippie, a crusher and screening equipment on the Cumberland and Pennsylvania Railroad siding, at a point midway between the towns of Gilmore and Midland, Allegany County. Heretofore, most of the Big Vein stripped had been loaded as run-of-mine, but this Company introduced crushing and screening, so that steam stoker coal could be supplied to consumers.

The Davis Coal and Coke Company, at their No. 42 Mine, Kempton, Garrett County, initiated important new developments in this mine. Mechanical loaders and conveyor belts were introduced in the A-Main Heading, and a 20-in. column pipe, extending from the pump room

420-ft. below the surface to the surface, was installed. This column pipe is so connected with the pump room that either one or two of the main pumps may be used as is desired. This column pipe is lined with an acid-resistant composition, which apparently is rendering good service as a resistant to the action of the acid mine water on the metal column pipe.

The Garrett County Refractories Corporation completed the erection of a large brick plant at the village of Jennings, Garrett County. This plant was supplied in part with soft clay from the stripping operations near Stone House on the National Pike, and also, to some extent, from the hard fire clay stripping operations on Negro Mountain, Garrett County.

SAFETY ORDERS—1945

A Special Safety Order was issued by the Garrett County District Mine Inspector, and the coal company affected proceeded to comply with the Safety Order.

**COMPENSATION AWARDED FOR FATALITIES
DURING YEAR 1945**

Date of Injury	Victim	Company Where Employed	Direct Payment	Funeral	Total
April 1, 1945	Harry Daniel Skidmore	William Brashear	\$5,000.00	\$125.00	\$5,125.00
March 3, 1945	Mike Del Signore	Davis Coal & Coke Co.	5,000.00	125.00	5,125.00
		Total.....	\$10,000.00	\$250.00	\$10,250.00

REPORT OF VOCATIONAL MINING EDUCATION**School Year, October 2, 1944—July 20, 1945**

L. C. HUTSON, Vocational Mining Instructor.

Report of the Night Mining Classes

The Night Mining Classes opened their sessions October 2, 1944, and closed May 26, 1945. 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.
 Frostburg (Allegany County)—Wednesday night.
 Kempton (Garrett County)—Thursday night.
 Vindex (Garrett County)—Friday night.

The classes met weekly, with the exception of holidays, for a period of thirty-three weeks. The subjects studied were as follows:

Coal Mine Ventilation.
 Air Coursing.
 Map Reading.
 Coal Mine Gases.

CRELLIN CLASS:

Number of men enrolled.....	9
Average age of students.....	38 years
Average previous educational preparation.....	7 years
New men enrolled.....	2

Occupations:

Miners	2
Laborers	5
Mine Foremen	2

Nationality:

American (native born).....	9
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LONACONING CLASS:

Number of men enrolled.....	17
Average age of students.....	41.6 years
Average previous educational preparation.....	7.6 years
New men enrolled.....	10

Occupations:

Miners	6
Laborers	3
Mine Foremen	7
Superintendent	1

Nationality:

American (native born).....	17
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FROSTBURG CLASS:

Number of men enrolled.....	5
Average age of men.....	45.6 years
Average previous educational preparation.....	7.0 years
New men enrolled.....	5
Occupations:	
Miners	2
Laborers	2
Mine Foremen	1
Nationality:	
American (native born).....	5

KEMPTON CLASS:

Number of men enrolled.....	12
Average age of men.....	37.3 years
Average previous educational preparation.....	7.6 years
New men enrolled.....	2
Occupations:	
Mine Foremen	5
Miners	4
Laborers	3
Nationality:	
American (native born).....	12

VINDEX CLASS:

Number of men enrolled.....	17
Average age of men.....	36.3 years
Average previous educational preparation.....	8.8 years
New men enrolled.....	5
Occupations:	
Mine Foremen	5
Superintendents	1
Miners	3
Laborers	8
Nationality:	
American (native born).....	17

Summary

Total number of men enrolled.....	60
Average weekly attendance (5 classes).....	43.3
Average weekly attendance, Vindex Class.....	11.2
Average weekly attendance, Lonaconing Class.....	9.9
Average weekly attendance, Kempton Class.....	9.7
Average weekly attendance, Crellin Class.....	7.9
Average weekly attendance, Frostburg Class.....	4.6
New men enrolled (23).....	33 per cent
Miners enrolled (17).....	24 per cent
Officials enrolled (22).....	33 per cent
Average age of men enrolled.....	39.7 years
Average previous educational preparation.....	7.6 years
Attendance of men enrolled.....	70 per cent

REPORT OF THE SHORT COURSE IN COAL MINING—1945

L. C. HUTSON, Director.

The twenty-second annual Short Course in Coal Mining, held at Vindex, Garrett County, 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 11, 1945, and closed July 20, 1945.

The six weeks Course was held in the Vindex grade school building at Vindex, Maryland.

Instruction Staff and Subjects

L. C. Hutson—Explosives, Haulage, Mine Gases, Ventilation, Mining Arithmetic, Map Reading, Mine Fires and Explosions.

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.—Explosives.

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.—Haulage.

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.—Ventilation.

7:45 P. M. to 8:30 P. M.—Map Reading.

Fourth Week:

6:00 P. M. to 6:30 P. M.—Mining Arithmetic.

6:45 P. M. to 7:30 P. M.—Ventilation.

7:45 P. M. to 8:30 P. M.—Map Reading.

Fifth 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.—Mine Fires and Explosions.

Sixth Week:

6:00 P. M. to 8:30 P. M.—Review and Tests.

Enrollment

Name	Address	Age	Occupation	Employer
Stanley Virts.....	Swanton	42	Operator	Self
A. G. Stewart.....	Vindex	44	Mine Foreman	Johnstown Coal & Coke Co.
George Harvey.....	Swanton	23	Miner	Johnstown Coal & Coke Co.
Charles A. Harvey.....	Swanton	36	Operator	Self
Guy Duckworth.....	Swanton	27	Miner	R. S. Duckworth
Ralph Harvey.....	Swanton	29	Miner	Johnstown Coal & Coke Co.
Harold Adams.....	Vindex	40	Superintendent	Johnstown Coal & Coke Co.
Frank Damon.....	Vindex	50	General Foreman	Johnstown Coal & Coke Co.
Orville Tasker.....	Vindex	29	Laborer	Johnstown Coal & Coke Co.
Wood Evans.....	Kitzmiller	41	Laborer	Johnstown Coal & Coke Co.
Howard Strickler.....	Kitzmiller	24	Miner	Garrett Coal Corporation
Seidel Turner.....	Vindex	32	Chk. Weighman	United Mine Worker of A.
Ellis Ellifritz.....	Vindex	28	Laborer	Johnstown Coal & Coke Co.
William Stewart.....	Vindex	38	Miner	Johnstown Coal & Coke Co.

Summary

The average age of the students was 34.5 years. The average daily attendance was 10.5 men, with an enrollment of fourteen.

War-time conditions continued to curtail both the daily class period and the number of subjects; together with transportation difficulties this made for a very intensive and condensed Course.

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

One group of five men, who traveled a distance of sixteen miles, did not miss a night of the six weeks.

Summary of the Night Mining Classes and the Short Course

Total number of men enrolled.....	74
Average weekly attendance, Night Mining Classes.....	43
Average weekly attendance, Short Course.....	49
Total Night Mining Classes held.....	151
Total Short Course Classes held.....	84
Total Classes held.....	235
Average attendance, per class held.....	9.4

Conclusion

The school year just passed was not a good year for either the Night Mining Classes or the Short Course.

The low enrollment in the Night Mining Classes was caused by a number of factors that could be summarized under one heading, viz., war-time conditions.

The low enrollment was alleviated to a considerable degree by the extremely high percentage of attendance.

And finally, the interest and cooperation shown by the students and their employers, continued to make the program very much worth while.

MINE FIRES IN GEORGE'S CREEK

For a long period of time a fire has been raging in the Big Vein coal seam near the village of Vale Summit, Allegany County, Maryland, on the property belonging to the Consolidation Coal Company of Maryland. Statements vary as to the cause of this fire. One account is that the fire originated from a stove which the foreman, Tom Brown, placed in the mine during cold weather to keep the employees warm. Another is that soldiers, who were at this point during labor trouble in 1889, built a fire in the mouth of the mine and this spread to the coal. At any rate the fire has been raging for at least forty years and has hindered the working of coal in that area.

About ten years ago Messrs. Stewart and Holmes began to work some coal near this fire. They continued to work this for several years and finally abandoned it.

Through the kindness of former managers and engineers employed by The Consolidation Coal Company, the Bureau has been able to gather together the following facts:

Mr. Frank Haas, the consulting engineer of the Consolidation Coal Company, furnishes the following information:

"Immediately after the old Consolidation Coal Company had taken over the Fairmont and other coal companies of West Virginia, the President of The Consolidation Coal Company, Mr. C. W. Watson, ordered a general investigation of the remaining coal resources of that Company in the George's Creek Basin. This investigation was to include all phases of mining operations and was to be followed by such recommendations as were seen fit to be made for the further development of the property.

"This task was assigned to a party of three men, Mr. J. C. Gaskil, General Superintendent of the Fairmont Division, Mr. H. V. Hesse, Chief Engineer of the Fairmont Division, and myself, Consulting Engineer of The Consolidation Coal Company.

"Mr. Hesse and I spent considerable time in the field and during such time we were in constant contact with Mr. Beverly Randolph, then General Superintendent, and Jonathan Jenkins, Superintendent of Mines, the two men whom we considered as the best informed men of the region. All of these men, except myself, have passed on.

"Our recommendations were in general carried out, the principal one being the driving of the Hoffman drainage tunnel. Among other matters considered was the Astor Slope mine fire. At that time, even though the fire had been in progress for several decades, it was considered a distinct menace, not only to the property of The Consolidation Coal Company, but to the whole George's Creek Basin. Our view did not coincide with this general impression.

"After viewing the surface evidence and such inside workings as were accessible, we concluded the best thing to do was to let the fire alone, at least for such a space of time until its development was necessary. Our conclusions were based on the fact that the fire was spreading in the "rashings" above the Big Vein, and that the solid coal and the substantial pillars of the Big Vein below these rashings were not in immediate danger. I am still of the opinion that the Big Vein was very little damaged by this so-called mine fire. The fact that some pillars underlying the fire area have been recovered recently would partially, at least, substantiate this opinion.

"We made no recommendations or suggestions as to the possibility of stripping, as there was neither equipment or trained labor available at that time for such a venture, nor was the coal of sufficient value.

"Another factor was involved in this decision. The Big Vein is a part of a multiple vein; the Big Vein occupying the lower portion of the multiple vein is overlaid by the rashings, which consist of small veins of coal interstratified with seams of shale. The character of the Big Vein coal is of a strong coking type and commercially its quality is excellent. The coal of the rashings is more of a free-burning type of very poor quality and on exposure to heat the shale partings shrink and the coal disintegrates, giving a freer access to air and with sufficient temperature will ignite and burn readily, which is not the case with the Big Vein coal. This accounts for the relative rapid spread of the fire area on surface indications, and the coal is consumed or the fire is smothered before the Big Vein is reached.

"It is only in cases where the Big Vein coal is shattered by previous mining, or has its surface exposed to a free passage of air that it ignites. In other words the rashing coal promotes its own ventilation while the Big Vein coal retards it."

Mr. G. M. Gillette, Manager, Maryland Division, The Consolidation Coal Company from 1918 on, writes as follows:

"The work was started while Mr. Hesse was in charge of the operations in the George's Creek. I picked up where he left off and carried on the work until it was decided to abandon it. As you know this fire started in 1889 and was said to have originated near the mouth of the old Aster Slope and was caused by a fire built inside the slope mouth by soldiers who were in the region in connection with a strike, which was going on at that time. There was a great deal of worked out territory even at this early date. I don't know what effort was made to control the fire when it first started, but for many years it burned and there was evidence of the fire in the crop holes near Vale Summit. There was quite a body of coal laying along the outcrop between Hoffman and Vale Summit.

"Sometime about 1907 it was decided to work this coal and a slope was started at Vale Summit about 350 feet northeast of the old Aster Slope. A heading was driven to the right off of this slope to develop the coal along the outcrop.

"Sometime about 1915 or 1916 Frank Haas decided to attempt to cut the fire area and to recover by second mining the large quantity of coal, which had been abandoned above the third lift of Hoffman Mine. His idea was to build incombustible stoppings in the old headings as they were encountered and, thus, cut off the fire. As the fire area was approached it developed that the rapidity of burning was increased on account of fresh air, which was carried to the fire, and the place got too hot to work. It was then decided to brick-arch the tunnels, which were driven through the fallen ground. This work was started and some 700 feet of brick-lined tunnel was constructed during 1917. The idea was that this tunnel could be used both as a passage-way and as brattice; however, the fire traveled in the wild coal and jumped the tunnel, which became so hot that men could not work in it; therefore, water sprays were piped through the roof of the tunnel. It was thought that this would keep the tunnel cool enough to work in, which it did, and also had a tendency to check the fire. I think, however, that this small quantity of water rather increased the fire, which was to be expected. This work was going on when I took charge in February, 1918.

"We worked more or less, spasmodically at this job until December, 1921, when the work was definitely abandoned, it having been clearly demonstrated that the fire traveled faster through the old workings than we could open them up and that to get ahead of it and cut it off was impossible. As we opened up the old territory we found that, regardless of the fact that the fire had been cut off for years from the outside, the fallen rock in many places was so hot that it was almost impossible to crawl over it, and in many places it was hot enough so that active fire started immediately upon the introduction of fresh air. Of course, this whole job was complicated by the large amount of worked out territory of which it was a part. Before this work was started practically everything had been worked between the eastern and western outcrops.

"We made an attempt to reach this area from the Hoffman Slope and were within about 1,500 or 1,800 feet of the fire area in 1919. The ground through which we were tunneling was so badly broken that the advance was too expensive to continue the work.

"From my experience with this fire, I am convinced that crop fires in the Big Vein cannot be controlled if the fire area is connected with the old workings, and I think the fact that these fires have burned for so many years proves very conclusively that the fire areas are connected with old workings, which allows the fire to

breathe. I further believe that the cost of this work is so high that any coal which might be recovered would be at a cost entirely disproportionate to any return which could be secured."

Mr. S. Graf Haverstick, who was an engineer employed by The Consolidation Coal Company at the time the attempt was made by Mr. Haas and others to extinguish the fire, has the following to say:

"At the time the work was completed in the vicinity of Vale Summit I was in the archway constructed to surround the fire area at various times before the work was completed. I also was with Frank Haas and a Mr. Barrington when they tested the air coming from the bore holes. Before taking the samples of air, they allowed a stream of water to flow into them for several days prior to sampling. The method used was to fill a bottle full of water and hold it down the hole as far as the arm would reach, allowing the water to run out, and then stopping the bottle and making the tests right on the place. The steam was so hot that I burnt my hand in some of the holes. No explosive gas was found but monoxide and black damp. I also used to receive the weekly log from the driller, Jerome Humbertson, and in all cases the drill, when the horizon of the washings was reached, dropped through an empty space, then continued through the coal seam.

"The archway constructed was at places so hot that one could not touch the sides. Back in the late Seventies a report was made by a consulting engineer as to cost of and means of putting out the fire, and as I remember the cost was estimated as Ten Thousand Dollars (\$10,000). This report was in the engineering files of the Consolidation Coal Company, where I suppose it is still. There was also a fire in the 93-acre tract at Midlothian, mined by and known as Little's Mine. This area was later worked by Barnes and Skidmore for a fuel mine and at one time I was in when they were ahead of the fire and through a hole in the rib looked like a furnace. They had to withdraw the day after I was in on account of the fire.

"In February, 1936, Gershon Anthony and I took a sample of the water, and although it was zero weather the water was, as I remember, a temperature of 160°.

"I think there has been some stripping recently in this area but I have not visited it for several years.

"At the area on Franklin Hill, when we first visited there, the water flowing from the east side of the hill was very hot, all through the first winter, but after we had closed up so many of the crop holes, and cracks, the water had cooled to normal. I have understood that they have uncovered 50,000 tons of good merchantable coal on this area.

"At Vale Summit, when Stewart and Holmes had a mine there,

a large area of sizeable coal was shown to be left of the haulway. There was no fire in that vicinity at that time, but where John Casey had his mine, they were driven out by the fire.

"When we were doing some work, filling holes at Vale Summit, we started to fill the original Pompey Slope, which local residents had partially re-opened for fuel, and we found that in warm weather the air coming out was full of gas, which killed chickens and a cat and a dog which went near the opening, these animals dropping dead as soon as they came in contact with the outcoming air. We did not get to fill this completely as the work was called off and the project permanently suspended. When we were working the air was pulling in or we would have stayed away."

Mr. Louis Young, formerly on the engineering staff of The Consolidation Coal Company, Maryland Division, and who daily inspected the progress of the fire prevention work in the old Aster Mine at Vale Summit in 1916 or 1918, writes as follows:

"A new opening was driven to the right or west of the old Aster Slope. This passed through an area which had been worked years before. A brick arch composed of two thicknesses of brick was built. This arch was, inside dimensions, 9-ft. high and 12-ft. wide at the base. It was driven to the dip, and a pump was placed at the face of the drift for the purpose of making the workings sufficiently dry to permit miners to work in the place. So-called "weep-holes" were left in the brick work at intervals, and water from the pump discharge line was forced behind the brick arches in an endeavor to wet down the fire. As each old opening was crossed it was securely bricked off. The air in the opening became very hot and the miners engaged in this work could work only with difficulty.

"The tunnel had progressed a short distance when it was found necessary to sink a small shaft from the surface, and reaching the coal seam on the right of the heading. This gave a return for part of the air and afforded some relief.

"In the endeavor to locate the extent of the fire, a number of churn-drill holes 6-in. in diameter, were driven from the surface. When the churn-drill reached the horizon of the wild coal, the bit dropped suddenly, and only came to rest when it struck the solid pillar of coal. Some of the holes penetrated the heading. The work inside the heading was inspected daily, and the pillars of coal presented on their surface a grayish color where the flame had burned on the pillar, but in no case was it found that the fire had penetrated more than one or two feet into the solid coal. The fire progressed entirely in the wild coal."

At the present time coal is being stripped by means of bulldozers near where the fire has been raging, by The Consolidated Fuel Company, successor to The Consolidation Coal Company of Maryland.