

**TWELFTH ANNUAL REPORT**  
OF THE  
**MARYLAND BUREAU OF MINES**  
OF THE  
**STATE OF MARYLAND**

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

CALENDAR YEAR 1934



TO

**HON. HARRY W. NICE**

**GOVERNOR OF MARYLAND**

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JOHN J. RUTLEDGE

Chief Mine Engineer

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**LETTER OF TRANSMITTAL**

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*To His Excellency,*

HON. HARRY W. NICE,

*Governor of Maryland.*

SIR:

I have the honor to submit herewith the Twelfth Annual Report of the Maryland Bureau of Mines for the period January 1 to December 31, 1934, in compliance with the requirements of the Maryland Mining Law.

Very respectfully,

JOHN J. RUTLEDGE,

*Chief Mine Engineer.*

# REPORT OF THE MARYLAND BUREAU OF MINES

*To His Excellency,*  
HON. HARRY W. NICE,  
*Governor of Maryland.*

SIR:

The report herewith submitted is for the calendar year 1934, and is the fifty-eighth annual report upon conditions of the Coal and Clay mines within the State.

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

## CLAY AND COAL PRODUCTION

Calendar year 1934

(Net Tons, cwt.)

Pick. . . . .	1,217,415.17
Machine. . . . .	458,824.19
Total. . . . .	<u>1,676,240.16</u>

## COAL PRODUCTION, ALLEGANY COUNTY

During the calendar year, 1934, Allegany County employed 1,563 miners, 117 drivers, 309 inside laborers and 181 outside employes, making a total of 2,170 men. The production of coal for the calendar year 1934 was 1,217,630.12 net tons (cwt.). This shows a production of 779 net tons for each miner employed during this period.

## COAL PRODUCTION, GARRETT COUNTY

During the calendar year 1934, Garrett County employed 566 miners, 46 drivers, 116 inside laborers and 113 outside employes, making a total of 841 men. The production of coal for Garrett County during the calendar year 1934 was 424,116.15 net tons (cwt.). This shows a production of 749 net tons for each miner employed during this period.

## FIRE CLAY PRODUCTION

During the calendar year 1934, the fire clay mines in Allegany County employed 47 miners, 10 drivers, 28 inside laborers and 37 outside employes, making a total of 122 men. The production of fire clay in Allegany County during the calendar year

was 34,493.09 net tons (cwt.). This shows a production of 734 net tons for each miner during this period.

### TONNAGE PER FATALITY (BY COUNTY)

In Allegany County for the calendar year 1934 there were 173,947 net tons of coal produced for each fatal accident; number of fatalities per 1,000 employes 3.22; number of fatalities per 1,000,000 tons of coal produced 5.75.

In Garrett County for the calendar year 1934 there were 141,372 net tons of coal produced for each fatal accident; number of fatalities per 1,000 employes 3.567; number of fatalities per 1,000,000 tons of coal produced 7.07.

### TONNAGE PER FATALITY FOR ENTIRE STATE

During the calendar year 1934, there were 164,174 net tons of coal produced for each fatal accident; fatalities per 1,000 employes 3.321; number of fatalities per 1,000,000 tons of coal produced 6.091.

### BALTIMORE'S EXPORT COAL BUSINESS IN 1934

Through the courtesy of the Export and Import Bureau, Baltimore Association of Commerce, the following information is given:

Baltimore's export bituminous coal traffic during 1934 showed an encouraging upward trend, being almost double similar business for the depressed year 1933, and advancing over exports for 1932.

Total exports for 1934 amounted to 40,115 tons on 17 vessels, compared with 20,391 tons on 17 vessels in 1933, and 37,724 tons on 24 vessels during 1932, a gain of 19,724 tons or 96.7 per cent, and 2,391 tons or 6.3 per cent, respectively. Of the countries receiving quantities of Baltimore export coal in 1934, Cuba was our best customer with 14,141 tons on 2 vessels. Canada was next with 12,589 tons on 5 vessels, followed by Argentina with 7,430 tons on 1 vessel and Puerto Rica with 5,955 tons on 9 vessels.

Bunker coal supplied to vessels operating in the foreign trade from the Port of Baltimore aggregated 72,423 tons in 1934, compared with 43,584 tons for 1933 and 46,823 tons during 1932.

The Port's export coal trade for the first five months of 1935 was most gratifying in view of the general recession of export business during that period. Total shipments for the first five months were 39,398 tons with indications of continued sizable movements.

PORT OF BALTIMORE  
Exports of Bituminous Coal  
Calendar Years 1933 and 1934  
(By Countries)

Country	Calendar Year 1934		Calendar Year 1933	
	Vessels	Tons Coal	Vessels	Tons Coal
Argentina .....	1	7,430	1	41
Canada .....	5	12,589	1	2,499
Cuba .....	2	14,141	1	2,641
Egypt .....	.....	.....	1	5,563
Newfoundland .....	.....	.....	2	3,505
Puerto Rico .....	9	5,955	11	6,142
Total .....	17	40,115	17	26,391

	Vessels	Tons Coal
Calendar Year 1934 .....	17	40,115
Calendar Year 1933 .....	17	20,391
Increase .....	.....	19,724
Percentage of .....	.....	96.7

COMPARATIVE CONSOLIDATED NET TONNAGE REPORT COVERING  
ANTHRACITE AND BITUMINOUS COAL AND COKE RECEIPTS AT  
BALTIMORE FOR THE YEARS 1930, 1931, 1932, 1933 AND 1934.

Through the courtesy of the Traffic and Transportation Bureau of the Baltimore Association of Commerce, the following information is given:

	Anthracite				
	1930	1931	1932	1933	1934
Track Delivery .....	684,702	642,550	527,626	488,172	436,160
Over Piers—					
Inside Capes .....	122,772	99,912	79,801	68,636	78,512
Outside Capes .....	283	343	.....	.....	440
Total .....	807,757	742,805	607,427	556,808	512,112

	Bituminous				
	1930	1931	1932	1933	1934
Track Delivery .....	1,003,051	916,510	888,730	994,652	1,008,471
Over Piers—					
Inside Capes .....	1,877,891	1,441,748	835,384	895,939	993,507
Outside Capes .....	980,306	546,218	151,864	253,229	491,327
Total .....	3,861,248	2,898,476	1,875,978	2,143,820	2,493,305

	Coke				
	1930	1931	1932	1933	1934
Track Delivery .....	27,001	24,107	14,798	15,595	15,459
Over Piers—					
Inside Capes .....	1,007	.....	.....	1,439	.....
Outside Capes .....	1,740	1,329	1,039	317	3,819
Total .....	29,748	25,436	15,837	17,351	19,278

## COAL TRANSPORTED BY THE RAILROADS TRAVERSING THE WESTERN MARYLAND COAL FIELD CALENDAR YEAR 1934

The coal shipments over the Cumberland and Pennsylvania Railroad, which traverses the center of the George's Creek coal field, amounted to 737,214 net tons for the calendar year 1934, which was an increase of 62,625 net tons when compared with the previous year.

During the same period of time the coal mines served by the Western Maryland Railway Company, located in the State of Maryland, produced 638,845 net tons of coal. Of this total, 266,500 tons originated in the George's Creek District.

During the year 1934 mines located on the lines of the Baltimore and Ohio Railroad in Maryland made coal shipments amounting to 15,416 net tons.

### MARYLAND MINE INSPECTORS

From May, 1876, to May, 1878.....	Peter Cain
From May, 1878, to May, 1880.....	Owen Riordan
From May, 1880, to May 1884.....	Thomas Brown
From May, 1884, to May, 1886.....	Dennis Sheridan
From September, 1886, to May, 1888.....	Chas. H. Hamill
From May, 1888, to May, 1892.....	R. T. Browning
From May, 1892, to May, 1896.....	F. J. McMahon
From May, 1896, to May, 1898.....	Otto Hohing
From May, 1898, to May, 1900.....	Alexander Rankin
From May, 1900, to May, 1904.....	James P. Carroll
From May, 1904, to May, 1908.....	Thomas Murphy
From May, 1908, to May, 1912.....	J. H. Donahue
From May, 1912, to May, 1916.....	William Walters
From May, 1916, to March, 1918.....	John L. Casey
From April, 1918, to June, 1918.....	John Powers
From June, 1918, to September, 1918.....	Frank T. Powers
From September, 1918, to August, 1919.....	Lawrence Dunn
From May 1, 1919, to May 1, 1920.....	Frank T. Powers
From May 1, 1920, to May 1, 1921.....	Frank T. Powers
From May 1, 1921, to September 30, 1922.....	Frank T. Powers
From Oct. 1, 1922, to May 1, 1923 (temporary appointment).....	Frank T. Powers
From May 1, 1923 (permanent appointment) to December 31, 1934.....	Frank T. Powers
From May 1, 1923 (permanent appointment) to April 15, 1928 (resigned).....	John B. Watkins
From September 1, 1928 (permanent appointment) to December 31, 1934.....	Clyde J. Rowe

**PERSONNEL, MARYLAND BUREAU OF MINES***Chief Mine Engineer*

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

*District Mine Inspectors*

Frank T. Powers.....Frostburg

Clyde J. Rowe.....Westernport

*Clerk-Stenographer*

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

*Clerk*

Miss Sarah Borinsky.....22 Light Street, Baltimore

*Mine Examining Board*

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

B. H. McCracken, Representing Operators.....Frostburg

Lawrence Dunn, Representing Miners.....Midland

**SCHEDULE A—BASIC RATES**ESTABLISHED IN GEORGE'S CREEK AND UPPER POTOMAC DISTRICT  
APRIL 1, 1934 TO APRIL 1, 1935.

	Tonnage Rates per 2,000 lbs. Run of Mine Coal
Pick Mining (all seams except Bakertown and Waynesburg)	\$0.722
*Pick Mining—Bakerstown and Waynesburg.....	.78
Machine Loading (all seams except Bakerstown and Waynesburg .....	.53
*Machine Loading—Bakerstown Seam .....	.65
*Machine Loading—Waynesburg Seam .....	.60
Cutting, Shortwall .....	.09
Arcwall Cutting .....	.058

Classification of Occupation	Hourly Rate	Day Rate
Inside—		
Motormen, Rock Driller.....	\$0.68	\$4.76
Drivers, Brakemen, Spraggers, Snappers, Coal Drillers, Trackmen, Wiremen, Bonders, Timber- men, Bottom Cagers .....	.657	4.60
Pumpers, Trackmen helpers, Wiremen helpers, Timbermen helpers, and Other Inside Labor not classified .....	.623	4.36
Greasers, Trappers, Flaggers, Switch Throwers.....	.428	3.00

Classification of Occupation	Hourly Rate	Day Rate
Outside—		
Bit Sharpener, Car Dropper, Trimmer, Car Repairmen, Dumpers .....	.548	3.84
Sand Dryers, Car Cleaners, Other Able-bodied Labor .....	.514	3.60
Slate Pickers .....	.428	3.00

Skilled labor not classified to be paid in accordance with the custom at the mine.

\*It is understood that these rates include customary deadwork.

The machine loading rate at Mine 23 of The Davis Coal and Coke Company shall be \$0.53 a net ton, plus a differential of \$0.1635 a net ton for handling top coal in headings, room and air courses. Heading yardage shall be \$0.98 per yard up to 24 inches of thickness, plus \$0.039 per inch of thickness in excess of 24 inches.

This Agreement shall become effective as of the first day of April, 1934, and it shall continue in effect until the first day of April, 1935.

In witness whereof each of the parties hereto, pursuant to proper authority, has caused this agreement to be signed by its proper officers.

United Mine Workers of America  
District No. 16

/s/ James E. Jones, President,  
District No. 16

/s/ I. M. Bradburn, Secretary

George's Creek and Upper Potomac  
Coal Control Association

/s/ Charles E. H. Brown, President

/s/ Robert L. Stallings, Secretary

Scale Committee  
United Mine Workers of America  
District No. 16

/s/ Harry Hargreaves  
/s/ Henry H. Huffman  
/s/ Robert Glenn  
/s/ Thomas H. Coleman  
/s/ Edward Love  
/s/ Howard McNemar  
/s/ Thomas Peel  
/s/ Stanford Pennington

Scale Committee  
George's Creek and Upper Potomac  
Coal Control Association

/s/ B. H. McCracken  
/s/ William Jenkins  
/s/ S. B. Jeffries  
/s/ E. D. Lyle  
/s/ John A. Shores  
/s/ G. W. Pritts  
/s/ A. F. Diamond  
/s/ F. W. Cupp

## OPERATING WAGON MINES—1934

### Allegheny County

Aden Coal Company.....Westernport, Md.  
Allegheny Big Vein Coal Company.....Mt. Savage, Md.  
Bald Knob Fuel Company.....Mt. Savage, Md.  
Barnes, Henry S.....Midlothian, Md.  
Bennett, C. C.....Frostburg, Md.  
Benson, D. A.....Zihlman, Md.  
Brennan & Sons, E. R.....Barton, Md.

Bridges Coal Company.....	Mt. Savage, Md.
Campbell Fuel Mine, M. J.....	Gilmore, Md.
Clark Brothers.....	Barton, Md.
Dailey Coal Company.....	Westernport, Md.
Diehl, John F.....	Mt. Savage, Md.
Eagan Mining Company.....	Midland, Md.
Emrich Coal Company.....	Mt. Savage, Md.
Engle & Sons, Vincent.....	Eckhart, Md.
Evans, H. G.....	Frostburg, Md.
Franklin Coal Company.....	Westernport, Md.
Frostburg Mining Company.....	Frostburg, Md.
Green Coal Mining Company.....	Barton, Md.
Griffith, Robert.....	Frostburg, Md.
Howard & Maybury.....	Piedmont, W. Va. (P. O.)
Joyce & Porter.....	Eckhart, Md.
Langham & Boal.....	Barton, Md.
McKenzie, Edw. J.....	Mt. Savage, Md.
Martin Coal Company.....	Barton, Md.
Metz Coal Company.....	Barton, Md.
Michaels Coal Co., Arch.....	Westernport, Md.
E. L. Miller, (Mud Mine).....	Westernport, Md.
Miller & Sons.....	Westernport, Md.
Miller Coal Company.....	Westernport, Md.
Morgan Coal Company, W. J.....	Barrellville, Md.
Mt. Union Big Vein Coal Company.....	Mt. Savage, Md.
Nelson Coal Company.....	Speir Mine
Nichols Coal Company.....	Lonaconing, Md.
Parker HyGrade Coal Company.....	Mt. Savage, Md.
Porter Bros.....	Eckhart, Md.
Porter Coal Company.....	Barton, Md.
Roberts Coal Company, R. C.....	Westernport, Md.
Seliver & Co., Frank E.....	Frostburg, Md.
Stewart Mining Company.....	Frostburg, Md.
Struby & Walbert Fuel Mine.....	Frostburg, Md.
Trimble Coal Company.....	Mt. Savage, Md.
Trimble, Jesse.....	Mt. Savage, Md.
Turnbull, Robert.....	Nikep, Md.
Walsh & Deffenbaugh.....	Mt. Savage, Md.
White Ash Coal Company (Formerly worked by Arch Michaels)	
Willard, Charles D.....	Mt. Savage, Md.
Winters & Brode.....	Midlothian, Md.
Workman Coal Company.....	Frostburg, Md.

**Garrett County**

Borden, H. C.....	Kitzmilller, Md.
Brenneman, Clifford.....	Friendsville, Md.
Brenneman, H. N.....	Friendsville, Md.
Campbell, J. H.....	Kitzmilller, Md.
Collins, James.....	Oakland, Md.
Cosner, Emmett.....	Gorman, Md.
Davis & Sons, R. T.....	Shaw, Md.
Dixon, John.....	Hubbard, Md.
Dove & Sons, J. W. (formerly operated by C. J. Hanft)	Table Rock, Md.
Fike, Clifford.....	Friendsville, Md.
Harvey, Nay.....	Deer Park, Md.
Hebb, J. J.....	Table Rock, Md.
Huff, I. L.....	Grantsville, Md.
Keefer, George W.....	Oakland, Md.
Kisner, J. M.....	Deep Creek Lake
Kitzmilller, J. O.....	(P. O.) Wilson Station, W. Va.
Lipsecomb, J. R.....	nr. Kempton
W. H. Lower and Stewart Wamsley.....	nr. Bayard, W. Va.
Martin & Biggs.....	Tasker Corners
Michael, A. D.....	nr. Barton
Ezra Michaels Coal Company.....	nr. Reynolds on Mill Run
Moon, Albert W.....	nr. Mountain Lake Park
Moon, Mrs. Julia.....	nr. Deer Park
Moran, Edward.....	nr. Westernport, Md.
Myers Coal Company.....	Grantsville, Md.
Pattison, Charles.....	nr. Bloomington
Patton Coal Company.....	Grantsville, Md.
Paugh, Earl.....	nr. Mt. Zion Church
Paugh, Perry.....	nr. Tasker Corners
Pike, R. R.....	nr. Sines, Md.
Rawlings & Son.....	nr. Kitzmilller, Md.
Ream, Harland.....	nr. Sines, Md.
Rowan, L. M.....	nr. Tasker Corners
Russell Coal Company.....	nr. Barton, Md.
Seisei, Carlo.....	nr. Kitzmilller
Sims, Earl.....	nr. Crellin, Md.
Sines, A. G.....	nr. Friendsville
Sloan, George A.....	nr. Grantsville
Table Rock Coal Company.....	
Tasker, Edward.....	nr. Deer Park
Weimer, Melvin.....	nr. Oakland
Welch, G. C.....	nr. Tasker Corners
Winters, Earl.....	nr. Oakland

# Statistics of Production, 1934

## ALLEGANY COUNTY

Name of Company	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees				Days Worked	Output Statistics			Accidents		Mining Machines Used		
				Miners	Drivers	Inside Laborers	Outside Employees		Total	Pick	Machine	Total	Fatal		Non-Fatal	
																Total
Aden Coal Company	No. 1—No. 2	1	Bak stown	2	1	1	1	174	1,053.00			1,053.00		1		
Allegheny Big Vein Coal Co.	Bald Knob	1	Big Vein	12	1	1	1	64	7,512.05			7,512.05		2		
Bald Knob Fuel Co.	Barnes	1	Big Vein	10	1	1	1	64	107.00			198.00				
Barnes, Henry S.	Barnes	1	Big Vein	1	1	1	1	146	662.00			662.00				
Beauchamp, C. C.	No. 1 and Air Course	2	Big Vein	4	2	2	2	88	587.00			587.00				
Beauchamp, D. A.	Co. 1	2	Big Vein	96	9	22	9	163	2,396.18			2,396.18				
Big Vein Coal Co. of Louisa, Inc.	Castle	2	Big Vein	25	3	5	5	241	116,442.01			116,442.01		18		
Big Vein Coal Co. of Louisa, Inc.	Park	1	Big Vein	3	3	3	3	155	14,219.11			14,219.11		4		
E. R. Brennan & Sons	Old Mill	1	Bak stown	2	2	2	2	63	4,821.00			4,821.00				
Bridges Coal Co.	Park	1	Bak stown	95	8	8	20	211½	13,763.17	47,895.18		61,661.13				2 Jeffrey Shortwalls
Campbell Coal Company	Hampshire	1	Bak stown	7	2	1	2	135	399.00			399.00		11		1 Sullivan CE-6.
M. J. Campbell's Fuel Mine	Campbell's	1	Big Vein	5	1	1	2	106½	2,150.00	1,318.00		3,468.00				
Chapman Coal Mining Co.	Swanton	1	Big Vein	1	1	1	1	78½	1,684.00			1,684.00				
Chapman Coal Mining Co.	Hungry Hill	1	Big Vein	2	1	1	2	63	187.00			187.00				
Clark Bros.	No. 1	1	Big Vein	79	10	32	6	207	87,576.00			87,576.00		1		
Consolidation Coal Co.	No. 3	1	Big Vein	61	1	19	6	87	62,294.00			62,294.00		30		
Consolidation Coal Co.	No. 4	1	Big Vein	39	1	14	3	160	25,573.00			25,573.00		6		
Consolidation Coal Co.	No. 9	1	Big Vein	216	9	2	3	113	9,064.00			9,064.00				
Consolidation Coal Co.	No. 10	2	Tyson (Sewickley)	216	7	47	19	282	108,486.00	54,941.00		163,427.00		50		4 Jeff. 35-L.
Consolidation Coal Co.	No. 12	1	Big Vein	76	7	34	6	214	77,229.00			77,229.00		23		2 Jeff. 28-A; 4 Jeff. 24-B;
Consolidation Coal Co.	No. 17	1	Tyson	08	1	25	5	192	85,209.00	51,416.00		136,625.00		43		2 Jeff. 35-L.
Daily Coal Company	No. 1	1	Bak stown	8	2	1	1	193	5,421.00			5,421.00				
Diehl, John F.	Brady	1	Tyson	4	1	1	1	67	350.00			350.00				
Eagan, Charles J.	Brady	1	Big Vein	2	1	1	1	25	101.00			101.00				
Emrick Coal Company	Emrick's	1	Big Vein	3	1	1	3	32	125.00			125.00				
Engle & Sons, Vincent	Engle	1	Big Vein	2	1	1	1	32	156.00			156.00				
Evans, H. G.	Borden	1	Big Vein	3	1	1	1	32	1,118.00			1,118.00				
Franklin Coal Company	Borden	1	Big Vein	3	1	1	1	32	193.00			193.00				
Frostburg Mining Company	Spates	1	Big Vein	2	2	2	2	88	982.00			982.00				
Georges Creek Big Vein Coal Co.	Bivercol	1	Big Vein	18	2	2	2	226	16,821.13			16,821.13				
Georges Creek Coal Co., Inc.	G. C. No. 2	2	Big Vein	10	2	2	2	200	9,669.00			9,669.00		1		
Georges Creek Coal Co., Inc.	G. C. No. 3	2	Tyson	19	1	1	1	39	2,154.00			2,154.00		3		
Georges Creek Coal Co., Inc.	G. C. No. 3	2	Waynesburg	65	2	8	13	200	33,291.00	25,135.00		58,426.00		4		
Georges Creek Coal Co., Inc.	G. C. No. 4	2	Tyson	16	2	1	2	200	14,856.00			14,856.00		6		
Green Coal Mining Co.	Green	1	Bak stown	2	1	1	1	41	290.00			290.00		1		
J. O. J. Greene	No. 1	1	Bak stown	6	2	1	1	258	5,904.00			5,904.00				
Griffith, Robert	Hoffa	2	Bak stown	31	3	3	4	300	613.00			613.00				
A. P. Hoffa Coal Co.	1 and 2	2	Big Vein	5	1	1	1	199	20,670.55			20,670.55		3		
Howard & Maybury	Caledonia	2	Big Vein	48	7	10	5	246	3,636.00			3,636.00		3		
Jackson Big Vein Geo. Crk. Coal Co.	Sonny	2	Big Vein	13	2	2	2	144	28,717.17			28,717.17		3		
Joyce & Porter	Langham	1	Tyson	3	1	1	1	80	12,517.04			12,517.04		3		
Langham & Boal	Langham	2	Bak stown	2	1	1	1	41	395.00			395.00				
Liberty Mining Company	Liberty No. 4	1	Maxradler	4	1	1	1	16	440.08			440.08				
McDonald Coal Company	McDonald	1	Bak stown	4	1	1	1	101	2,528.09			2,528.09		1		
McKenzie, J. Edw.	Brush Creek	3	Brush Creek	3	1	1	1	63	499.00			499.00				
McNitt Coal Company	McNitt No. 2	48	Tyson	5	6	6	5	255	55,916.00			55,916.00		17		
McNitt Coal Company	Bowery Furnace	95	Tyson	5	13	10	10	229	68,698.00			68,698.00		39		
MacMannis Sons, Andrew	No. 3 Hoffman Dump	1	Big Vein	2	1	1	1	215	2,954.00			2,954.00				
Martin Coal Company	Hopewell	1	Bak stown	2	1	1	1	215	1,641.00			1,641.00				

# Statistics of Production, 1934

## ALLEGANY COUNTY—Continued

Name of Company	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees					Days Worked	Output Statistics			Accidents		Mining Machines Used
				Miners	Drivers	Inside Laborers	Outside Employees	Total		Pick	Machine	Total	Fatal	Non-Fatal	
Maryland Coal Co.	Kingsland	1	Pittsburgh	29	2	7	6	44	257	50,769.00		50,769.00		8	
Merz Coal Company	Merz	4	Bakerstown	4	1	1	1	5	199	3,307.00		3,307.00			
Michaels Coal Co., Arch	Michaels	4	Bakerstown	4	1	1	1	5	154	2,775.00		2,775.00			
Middlebrian Coal Company	Middlebrian	14	Tyson	14	1	1	1	18	203	5,930.00		5,930.00		5	
E. L. Miller	Mud Mine	3	Clarton	3				3	78	855.00		855.00			
Miller & Son	Big Vein	2	Big Vein	2				2	165	2,077.00		2,077.00			
Miller Coal Co.	Miller	6	Bakerstown	6	1	1	1	7	152	671.00		671.00			
Morgan Fuel Mine	Morgan	3	Bluebaugh	3	1	1	1	4	138	589.08		589.08			
Moscow-Georges Creek Mining Co.	Moscow No. 2	1	Big Vein	2	1	1	1	5	133	1,720.17		1,720.17			
Moscow-Georges Creek Mining Co.	Moscow No. 3	1	Bakerstown	2	1	1	1	4	63	486.03		486.03			
Mt. Union Big Vein Coal Co.	Mt. Union	6	Big Vein	6	1	1	1	7	174	1,482.00		1,482.00			
Nelson Coal Co.	Spiers Mine	5	Bakerstown	5	1	1	1	7	87	1,589.00		1,589.00			
Nichols, Joseph	Nichols	6	Big Vein	6	1	1	1	8	100	345.00		345.00			
Parker Hi-Grade Coal Company	Parker	1	Big Vein	1	1	1	1	3	171	1,665.00		1,665.00			
Parker Bros.	Parker	8	Big Vein	8				8	76	973.00		973.00			
Q. T. Porter Coal Company	Pyral	1	Bakerstown	1	1	1	1	3	76	379.00		379.00			
Potomac Big Vein Geo. Crk. Coal Co.	Potomac	14	Big Vein	14	1	1	1	17	124	7,074.17		7,074.17		3	
Potomac Big Vein Geo. Crk. Coal Co.	Elkheart	2	Bakerstown	2	1	1	1	4	124	4,574.03		4,574.03			
Potomac Big Vein Geo. Crk. Coal Co.	Union No. 1	12	Big Vein	12	1	1	1	15	159	5,925.18		5,925.18		2	
Potomac Big Vein Geo. Crk. Coal Co.	Union No. 4	2	Tyson	2	1	1	1	4	223	5,381.09		5,381.09			
Potomac Big Vein Geo. Crk. Coal Co.	Franklin No. 4	4	Bakerstown	4	3	3	3	14	225	23,299.18		23,299.18		2	
Potomac Fuel Co.	Bakerstown No. 1	1	Bakerstown	3				3	158	1,733.00		1,733.00			
R. C. Roberts Coal Co.	Spiers Mine	7	Bakerstown	7				7	40	133.00		133.00			
Lee Ross & George Williams	Savage No. 1	1	Brush Creek	1				1	89	1,073.00		1,073.00		1	
Savage Mountain Coal Co.	Savage No. 1	1	Big Vein	7	1	1	1	9	51	1,434.00		1,434.00			
Schiver & Co., Frank E.	Schiver's	1	Big Vein	1				1	216	5,461.00		5,461.00		2	
Stewart Mining Co.	Blackberry	1	Big Vein	1	1	1	1	4	303	5,705.00		5,705.00		1	
Strube & Walbert Fuel Mine	Borden Hill	1	Tyson Kittanning	13	2	2	2	18	103	4,003.16		4,003.16			
Sullivan Bros. Coal Co.	No. 3	1	Up. Vein	3				3	94	1,091.00		1,091.00			
Trimble Coal Company	Trimble, Jesse	1	Big Vein	1				1	79	457.00		457.00			
Turnbull, Robert	Da-Well	1	Big Vein	1				1	43	236.00		236.00			
Union Mining Co.	Pleazing	1	Savage	2	4	5	4	15	163	13,605.16		13,605.16		2	Sullivan CE-7 and 9
Waddell, Douglas	Union No. 4	22	Big Vein	22	1	1	1	25	204	4,503.00		4,503.00		1	2 Jeffrey Arewall
Walsh & Deffenbaugh	Waddell	2	Bluebaugh	2	1	1	1	4	55	5,287.18		5,287.18			
White Ash Coal Company	Summyside No. 1	1	Maynadder	3				3	95	169.00		169.00			
Willard, Charles D.	Helbig	4	Bakerstown	4	1	1	1	6	40	574.00		574.00			
Winbels & Brode	Michaels	1	Bakerstown	1				1	75	797.03		797.03			
C. O. Workman	Casanova No. 3	1	Big Vein	2				2	131	442.00		442.00			
	Workman's	2	Big Vein	6				6	239	5,233.00		5,233.00			
Total		1,563		117	309	181	2,170	12,152½	1,017,570.12	200,060.00		1,217,630.12		7	319

# Statistics of Production, 1934

## GARRETT COUNTY

Name of Company	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees				Days Worked	Output Statistics			Accidents		Mining Machines Used	
				Miners	Drivers	Inside Laborers	Outside Employees		Total	Pick	Machine	Total	Fatal		Non-Fatal
H. C. Borden	North America	1	Kittanning	4	1	.....	.....	239	3,003.10	.....	.....	3,003.10	.....	.....	.....
Brenneman, Clifford	Elder Hill	1	"18-in."	1	.....	.....	.....	78	308.00	.....	.....	308.00	.....	.....	.....
Brenneman, H. N.	Elder Mine	1	"18-in."	2	.....	.....	.....	25	47.19	.....	.....	47.19	.....	.....	.....
J. H. Campbell	Bender & Pew	1	Kittanning	3	.....	.....	.....	132	783.00	.....	.....	783.00	.....	.....	.....
Castleman Valley Coal Co.	Dewey No. 3	1	Bakerstown	3	1	.....	.....	227	1,252.00	.....	.....	1,252.00	.....	.....	.....
Castleman Valley Coal Co.	Miller's Run	1	Freepport	3	1	.....	.....	34	255.00	.....	.....	255.00	.....	.....	.....
Collins, James	Price	1	Freepport	2	.....	.....	.....	150	759.02	.....	.....	759.02	.....	.....	.....
Cosner, Emmett	.....	1	Freepport	2	.....	.....	.....	38	127.10	.....	.....	127.10	.....	.....	.....
R. T. Davis & Sons	Kempton No. 42	1	Big Vein	97	.....	.....	.....	59	251.00	.....	.....	251.00	.....	.....	5 Goodman slabbing
Davis Coal & Coke Co.	Dixon	1	Kittanning	2	58	23	178	163	49,222.00	110,706.00	.....	159,928.00	.....	.....	.....
Dixon, John	Bakerstown	1	Bakerstown	2	.....	.....	.....	33	109.00	.....	.....	109.00	.....	.....	.....
I. W. Dove & Sons	Gilbert	1	Kittanning	3	.....	.....	.....	51	317.00	.....	.....	317.00	.....	.....	.....
Fike, Lloyd	Mill Run	1	Freepport	2	.....	.....	.....	64	856.00	.....	.....	856.00	.....	.....	.....
Georgian Coal Mining Company	Georgian	2	Kittanning	17	5	.....	.....	159	26,169.00	13,508.03	.....	39,677.03	.....	.....	.....
Georgian Coal and Coke Co.	Hamill No. 1	1	Kittanning	48	1	.....	.....	157	1,304.00	.....	.....	1,304.00	.....	.....	.....
Hamill Coal and Coke Co.	Hamill No. 1	1	Freepport	21	5	3	34	127	1,304.00	.....	.....	1,304.00	.....	.....	.....
Hamill Coal and Coke Co.	Gilbert	2	Kittanning	2	.....	.....	.....	73	244.00	.....	.....	244.00	.....	.....	.....
C. J. Hanit	.....	1	Freepport	1	.....	.....	.....	.....	7.00	.....	.....	7.00	.....	.....	.....
Harvey, Nay	Mountain	1	Kittanning	1	.....	.....	.....	52	81.00	.....	.....	81.00	.....	.....	.....
J. J. Hebb	Stanton	1	Bakerstown	4	1	.....	.....	122	1,619.00	.....	.....	1,619.00	.....	.....	.....
G. C. Houck	Huff	1	Bakerstown	7	1	.....	.....	101	1,373.00	.....	.....	1,373.00	.....	.....	.....
L. L. Huff	Sticky	1	New River	2	.....	.....	.....	166	798.00	.....	.....	798.00	.....	.....	.....
Keefer, George W.	Sticky	1	.....	2	.....	.....	.....	84	242.00	.....	.....	242.00	.....	.....	.....
J. M. Kisner	Sand Run	1	Harlem	2	.....	.....	.....	25	70.00	.....	.....	70.00	.....	.....	.....
J. O. Kitzmiller	Arnold	1	Lr. Kittanning	1	.....	.....	.....	160	800.00	.....	.....	800.00	.....	.....	.....
J. R. Lipscomb	Louis	1	"C. Prime	14	1	.....	.....	241	8,494.00	.....	.....	8,494.00	.....	.....	.....
Louis Coal Company	Louis	1	Bakerstown	2	.....	.....	.....	5	8.00	.....	.....	8.00	.....	.....	.....
W. H. Lower & Stewart Wamsley	Manor No. 1	1	"C. Prime	8	.....	.....	.....	26	27,742.00	1,439.00	.....	29,181.00	.....	.....	.....
McCullough Coal Corporation	McCullough	1	"C. Prime	109	3	4	116	26	110.00	54,331.00	.....	55,431.00	.....	.....	.....
Manor Coal Company	Manor No. 1	1	Lr. Kittanning	3	17	13	33	162	110.00	.....	.....	110.00	.....	.....	3 Jeffrey Shortwall
Martin & Biggs	.....	1	Freepport	3	.....	.....	.....	82	110.00	.....	.....	110.00	.....	.....	.....
C. A. Mersing	Mersing	1	Freepport	1	.....	.....	.....	80 1/2	75.03	.....	.....	75.03	.....	.....	.....
A. D. Michael	Michael's	1	Bakerstown	1	.....	.....	.....	21	98.00	.....	.....	98.00	.....	.....	.....
Michael Coal Company, Ezra	Michael's No. 2	2	Bakerstown	2	.....	.....	.....	14	111.11	.....	.....	111.11	.....	.....	.....
Moon, Albert W.	Liller & Weeks	1	Bakerstown	1	.....	.....	.....	78	567.00	.....	.....	567.00	.....	.....	.....
Moon, Mrs. India	Moon	1	Freepport	1	.....	.....	.....	35	100.00	.....	.....	100.00	.....	.....	.....
Moran, Edward S.	Franklin Hill	1	Freepport	4	.....	.....	.....	120	1,435.00	.....	.....	1,435.00	.....	.....	.....
Myers Coal Company	Beachey	1	"C. Prime	3	1	.....	.....	150	3,080.16	.....	.....	3,080.16	.....	.....	.....
Pattison, Charles	Pattison	1	Bakerstown	3	.....	.....	.....	110	1,027.00	.....	.....	1,027.00	.....	.....	.....
Pattison Coal Company	Yoder	1	Freepport	4	.....	.....	.....	39	626.00	.....	.....	626.00	.....	.....	.....
Pough, Earl	Pough's	1	Freepport	1	.....	.....	.....	138	278.00	.....	.....	278.00	.....	.....	.....
Pough, Peery	Perry Pough	1	Bakerstown	2	.....	.....	.....	70	189.10	.....	.....	189.10	.....	.....	.....
R. R. Pike	Kemmel	1	Freepport	2	.....	.....	.....	68	110.00	.....	.....	110.00	.....	.....	.....
Rawlings & Sons	Rawlings No. 1	1	Kittanning	4	.....	.....	.....	120	2,961.00	.....	.....	2,961.00	.....	.....	.....
Ream, Harold G.	.....	1	Freepport	1	.....	.....	.....	82	140.00	.....	.....	140.00	.....	.....	.....
R. J. Ross Coal Mines, Inc.	Frog Hollow	1	Bakerstown	73	18	.....	106	112	6,147.13	21,561.01	.....	27,708.14	.....	.....	2 Shortwall
Carroll Pattison, Receiver	.....	1	Bakerstown	2	.....	.....	.....	64	420.00	.....	.....	420.00	.....	.....	.....
Rowan, L. M.	Rowan Mine	1	Bakerstown	2	.....	.....	.....	65	237.00	.....	.....	237.00	.....	.....	.....
Russell Coal Company	Russell	1	Freepport	2	.....	.....	.....	175	1,131.00	.....	.....	1,131.00	.....	.....	.....
Seisco Coal Co., Carlo	.....	1	Freepport	69	6	10	101	126 1/2	22,470.00	37,740.00	.....	60,210.00	.....	.....	3 Arcwall
Shallmar Mining Corporation	Wolf Den	2	Lr. Kittanning	3	.....	.....	.....	39	304.00	.....	.....	304.00	.....	.....	.....
Shuhart Bros.	Ezra Michael's	1	Bakerstown	2	.....	.....	.....	41	171.15	.....	.....	171.15	.....	.....	.....
Sims, Earl	Six Foot	1	Six Foot	2	.....	.....	.....	41	171.15	.....	.....	171.15	.....	.....	.....

# Statistics of Production, 1934

## GARRETT COUNTY—Continued

Name of Company	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees					Days Worked	Output Statistics			Accidents		Mining Machines Used	
				Miners	Drivers	Inside Laborers	Outside Employees	Total		Pick	Machine	Total	Fatal	Non-Fatal		
Sims & Wilkins	Martin & Biggs		Precept	3	.....	.....	.....	3	36	220.00	.....	220.00	.....	.....	.....	.....
A. G. Sines	Ryland		"B" Seam	1	.....	.....	.....	1	59	168.10	.....	168.10	.....	.....	.....	.....
Sloan, George E.	Shaw	1	"C" Prime	2	1	.....	.....	3	136	1,014.15	.....	1,014.15	.....	.....	.....	.....
Table Rock Coal Company	Conneway		Kittanning	1	1	.....	4	3	153	1,027.17	.....	1,027.17	.....	.....	.....	.....
Tasker, Edward	No. 2		Lt. Kittanning	1	.....	.....	.....	1	20	85.00	.....	85.00	.....	.....	.....	.....
Weimer, Melvin	Winter's Run	1	Esport	2	.....	.....	.....	2	94	532.00	.....	532.00	.....	.....	.....	.....
G. C. Welch			Kittanning	1	.....	.....	.....	1	20	50.00	.....	50.00	.....	.....	.....	.....
Winters, G. E.				1	.....	.....	.....	1	.....	248.00	.....	248.00	.....	.....	.....	.....
Total				566	46	116	113	841	5,239	184,828.11	239,288.04	424,116.15	3	78		

## FIRE CLAY MINES, ALLEGANY COUNTY, 1934

Name of Company	Name or Number of Mine	Number of Openings	Coal Seam Worked	Distribution of Employees					Days Worked	Output Statistics			Accidents		Mining Machinery Used	
				Miners	Drivers	Inside Laborers	Outside Employees	Total		Pick	Machine	Total	Fatal	Non-Fatal		
Big Savage Fire Brick Co.	No. 1	1	Fire clay	3	.....	2	8	13	138	.....	.....	2,909.03	.....	.....	.....	5 Air drills
North American Refractories Co.	No. 6	1	Fire clay	8	2	5	3	18	148	6,964.19	.....	6,964.19	.....	3	.....	.....
Union Mining Company	No. 6		Fire clay	36	5	15	17	73	154	16,567.12	.....	16,567.12	1	5	.....	Sullivan Rotator D. P. 33
Union Mining Company	Strip Mines		Fire clay	.....	2	.....	8	10	173	6,793.00	.....	6,793.00	.....	1	.....	.....
Union Mining Company	No. 1		Fire clay	.....	1	6	1	8	115	1,258.15	.....	1,258.15	.....	.....	.....	.....
Total				47	10	28	37	122	728	15,016.14	19,476.15	34,493.09	1	9		

# Non-Fatal Accidents, 1934

## ALLEGANY COUNTY

### ALLEGANY BIG VEIN COAL COMPANY

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
July 19	William Harden	Miner	20	Single	10	....	American	Mt. Savage	Piece of rock fell from roof and cut gash about an inch long over right eye.
Aug. 18	Charles Harden	Miner	35	Married	16	....	American	Mt. Savage	Pony kicked him in side and broke two ribs.

### D. A. BENSON

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Apr. 17	Robert Halle	Miner	19	Single	5	....	American	Frostburg	Powder shot went off prematurely and burned him. First degree burn of left side of face and small area left forearm.

### BIG VEIN COAL COMPANY OF LONACONING, INC.—CASTLE MINE

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 19	Ed. Clipper	Miner	50	Married	20	8	American	Lonaconing	He was driving wedge over bar with axe; axe struck finger, mashing finger.
Jan. 22	Theodore R. Williams, Sr.		68	.....	68	....	.....	.....	Leading lump of coal into mine car when man was struck with severe pain in back. Hernia.
Jan. 27	John Jones	Driver	50	Married	15	7	American	Lonaconing	Injured man went to hook mule to car when the mule ran away and threw him against a prop injuring shoulder.
Mar. 5	Gibson Gardner	Driver	45	Single	12	....	American	Lonaconing	Stepped in between cars to put hitching pin in trip when the brake flew up striking him in the eye, cutting lower part of lid.
Mar. 27	John Straken	Miner	27	Married	15	2	American	Midland	Injured man was digging coal on top of bottoms when he slipped and fell off the bottoms injuring his ribs.
Mar. 28	Oliver Stillinger	Miner	51	Married	30	6	American	Midland	Injured man was getting back from fall when he bumped his foot on the butt of a prop.
Mar. 30	Charles Robertson	Miner	34	Married	....	6	American	Gilmore	Man was taking down rock when a piece struck him on the leg injuring same.
Mar. 31	Thos. Walters	Miner	32	Married	12	5	American	Lonaconing	Was shoveling coal in car when a piece of top coal fell and struck him on the elbow injuring same.
May 21	James T. Crow	Miner	41	Married	5	4	American	Lonaconing	Was shoveling coal in car when he twisted his back.
July 25	Joseph Lee	Miner	....	Married	8	....	American	Lonaconing	Was carrying a prop, dropped it and it bounced up and hit his foot.
Aug. 21	George McMurdo	Miner	50	Married	14	3	American	Lonaconing	Was unloading a prop out of car; the car jumped track mashing his foot.
Aug. 28	John H. Smith	Miner	31	Married	8	6	American	Lonaconing	Bumped elbow on car while shoveling coal in same, causing arm to become infected.
Sept. 29	John D. Robertson	Miner	....	.....	....	....	.....	.....	Helping to push loaded cars out of his place when his shoulder got caught against car.
Oct. 9	Russell Kiddy, Sr.	Miner	....	.....	9	....	.....	.....	Piece of top coal fell and struck him on head; cut head.
Oct. 20	Allen Ravenscroft	Miner	42	Married	22	6	American	Lonaconing	He was bringing trip out of mine and had his left hand on end of brake when cars came together mashing his hand between the end of brake and car.
Oct. 25	Fred Clapp	Miner	50	Married	36	....	.....	.....	Putting brake down on car, the brake handle touched the ground.
Dec. 19	James Wallace	Miner	15	Married	15	....	American	Lonaconing	Was making wedge when axe slipped cutting his index finger on right hand.
Dec. 22	George Allen	Driver	45	Married	....	5	American	Midland	Was going in mine with trip of cars with his hand on end of brake when car jumped track mashing fingers against prop and end of brake.

**BIG VEIN COAL COMPANY OF LONACONING, INC.—PEKIN MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Mar. 7	Alonzo Miller	Weigh-boss	45	Married	7	6	American	Nikep	Prop fell on foot.
June 6	Benj. Worjan	Miner	38	Single	49	...	American	Lonaconing	Hit in breast with piece of roof rock.
Dec. 19	Tony Bostyna	Miner	30	Married	8	...	Italian	Pekin	Piece of coal fell, hitting his foot.
Dec. 19	James Berry	Driver	24	Single	8	...	American	Lonaconing	Lifting car and hurt his back.

**CAMPBELL COAL COMPANY—HAMPSHIRE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 23	James Ellis Dye	Coal Cutter	44	Married	8	...	American	Barton	While operating machine, went to pull clutch, cable became shorted and blew up. Fire flew out of cable burning right side of face.
Feb. 9	Edward Robertson	Coal Cutter	38	Married	23	...	American	Barton	Cutter chain picked up skid slinging it against his right leg. Right knee cut and bruised.
Feb. 9	Harman Sutherland	Weighman	65	Married	0	...	American	Barton	Flange of wheel on loaded car broke while coming down incline plane, wrecking empties going up, breaking two empty cars from trip. These empties came down plane and ran into scale-house where he was working. Laceration of scalp and nose, contusion of left knee.
Feb. 9	William Rogan	Superintendent	75	Married	40	...	American	Piedmont	Same accident as above. Mr. Rogan sustained a fracture of nose, fracture of mandible, laceration of face and mouth, and moderate shock. There was also a man killed in this same accident.
Feb. 28	John Gardner	Brakeman	35	Married	11	...	American	Lonaconing	Squeezed between two loaded mine cars. Left hip bruised.
Mar. 20	Leslie Miller	Miner	32	Married	0	...	American	Westernport	Piece of bone struck him on knuckle of thumb on left hand. Thumb became infected. Piece of man not reporting the accident to mine foreman until March 27th.
Mar. 28	Archie M. Clark	Blacksmith	41	Married	0	...	American	Barton	Jack-handle slipped and struck him on side of neck. Lump swollen in left side of neck.
Apr. 16	Edward Dye	Miner	44	Married	0	...	American	Barton	Piece of bone coal fell against knee. Left knee and leg swollen.
May 25	Howard Broadwater	Miner	40	Single	24	1	American	Barton	Bone coal slipped striking him on left side of breast and left leg. Bruises on breast and leg.
Sept. 28	Robert Kiddy	.....	48	Married	.....	.....	American	.....	Pulling down bone coal and piece struck him on left knee.
Nov. 20	Preston Wilkes	Miner	41	Single	20	.....	American	Barton	Piece of bone coal fell and struck him on the two middle fingers of right hand catching fingers between bone coal and iron bar. Two middle fingers of right hand mashed.
Dec. 7	John Kirk	Inside Labor	46	Married	.....	.....	American	Barton	Struck head on mine roof. Two cuts on right side of head.

**CHAPMAN COAL MINING COMPANY—SWANTOX BAKERSTOWN**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Feb. 2	Hugh Meese	Miner	48	Married	10	5	American	Lonaconing	Bruised hip and hurt chest on account of bone and splinters slewing timber.
Feb. 21	John Miller	Driver	20	Single	.....	.....	American	Barton	Foot squeezed and bruised when caught between mine cars.

**CONSOLIDATION COAL COMPANY—MINE No. 1**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Feb. 28	LeRoy Connors	Coal Inspector	54	Widower	75	1	American	Frostburg	Clearing snow out of bottom of car, slipped and fell straddling cross-beam in bottom of car, hurting himself between legs.
Feb. 17	Frank Robertson	Driver	25	Married	43	4	American	National	Was taking his horse into the place to the right to pull a load and a piece of top coal fell out from between the timbers, striking him on the ankle.
Feb. 7	Earl Betz	Miner	32	Single	65	.....	American	Klondike	Small horseback fell out from between timbers hitting him on back.
Feb. 16	Earl Kerr	Miner	37	Married	20	3	American	National	Pulling down big piece of breast coal and lump hit him on back of hand, also between fingers.
Mar. 7	William Lucas	Miner	63	Married	14	2	American	Frostburg	Slipped and fell on ice on outside of mines.
May 23	Al. Kenny	Miner	52	Married	14	.....	American	Frostburg	Was digging breast coal when small piece broke off and caught his finger between it and the pick handle.
May 10	Stanley Alexander	Laborer	29	Married	10	3	American	Midland	He was riding between cars when one car jumped the track and caught his foot between the bumpers.
Apr. 17	Hugh Cunningham	Driver	40	Single	10	.....	American	Midland	Helping to lift load on track; cross-bar fell and caught his finger between bar and lever.
Apr. 24	Joe Perdue	Miner	45	Married	6	.....	American	Frostburg	Loading coal and fellow workman drove wedge over set of timber. A piece of rock fell and struck injured man on hand. Lost no time.
Apr. 3	Russell Jeffries	Miner	21	Single	34	.....	American	Midland	Scratched finger on point of pick.
June 8	Lloyd Logsdan	Laborer	38	Married	11	.....	American	.....	Unloading rail from car and end of rail caught behind timber catching him alongside of face. Face cut.
Aug. 9	Walter Smith	Miner	43	Married	19	6	American	Midland	Fired a shot, went back and started to load coal. Lump fell from breast and broke his leg.
Dec. 7	Benjamin Jeffries	.....	.....	.....	5	.....	.....	.....	Was loading coal and a piece fell and struck him on left hand and arm.
Dec. 7	Fred Hughes	Miner	24	Married	6	.....	.....	.....	Working at breast with buddie. His foot slipped and he was struck with buddy's pick.

**CONSOLIDATION COAL COMPANY—MINE No. 3**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 22	Jos. Condry	Rope Rider	29	Single	17	....	American	Eckhart	Horse stepped on his foot. Fifth toe of left foot fractured.
Jan. 30	James H. Brady	Miner	58	Single	17	....	American	Frostburg	Struck his thumb with tamping bar, while tamping shot; right thumb cut and lacerated.
Feb. 10	Joseph Smith	Miner	48	Married	35	....	American	Frostburg	Struck on foot by lump of coal. First toe on right foot fractured.
Mar. 5	Robert F. Connor	Miner	47	Married	25	8	American	Frostburg	Horse stepped on his foot causing bruise, which became infected.
Mar. 14	Charles H. Brown	Miner	49	Married	10	0	American	Frostburg	Brake lever sprung out of ratchet, and caught his finger against frame of car. Right thumb bruised.
June 21	Eldred Kerr	Miner	24	Single	21	....	American	Frostburg	While driving, the victim was in the act of setting brake on mine car, when the spreader stick caught between the track rails, causing car to lift up and strike him, fracturing 2 ribs.
June 27	Leonard Devore	Miner	29	Married	16	2	American	Frostburg	While driving, the mine car left the track, catching his arm between the car and a mine prop, bruising arm.
July 13	Enoch J. Plunkett	Miner	38	Single	48	....	American	Frostburg	Victim was lifting a tie with rail attached, when his foot slipped, throwing him against a shoveling coal when a pain struck him in left hand.
Aug. 3	Bernard Preston	Miner	30	Married	21	0	American	Frostburg	Claims he was shoveling coal when a pain struck him in the back. Wrenched back.
Aug. 16	Charles J. Beeman	Miner	32	Single	10	....	American	Nikep	Victim was holding a wedge over a cross-bar while his buddy would drive it. The axe slipped from his buddy's hand and struck him on side of face. Face bruised and punctured wound in side of nose.
Oct. 27	John W. Tomlison	Miner	43	Married	22	....	American	.....	Driving horse, hauling rails in on header when he slipped on the rail and fell, his shoulder struck prop.

**CONSOLIDATION COAL COMPANY—MINE No. 4**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 19	Frank Flannigan	Miner	63	Married	....	4	American	Eckhart	Digging coal, struck second finger on right hand between coal and pick handle.
Apr. 14	Joseph Pryor	Miner	47	Married	....	....	American	Eckhart	Loading car of coal, shovel blade hit top frame of car handle, struck him on side and fractured sixth rib on left side.
May 2	Perry Dudley	Laborer	51	Married	34	0	American	Elkhart	Re-railing loaded car, pry fell up and knocked him down, fell on rail fracturing rib on right side.
Aug. 21	Edward Miller	Laborer	46	Married	14	0	American	Elkhart	Releasing brake on car, fractured lunge in right hand.
Nov. 15	Elias Skidmore	Miner	66	Married	....	0	American	Frostburg	Loading coal and a lump rolled down from top of pile. Fractured second toe on right foot.

**CONSOLIDATION COAL COMPANY—MINE No. 10**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 10	Frank Wenck	Laborer	36	Married	....	2	American	Frostburg	Lifting empty car on track, pain struck him across the back and left groin.
Jan. 31	Tony Uphas, Sr.	Miner	56	Married	....	7	American	Frostburg	Mining machine knocked out post. Rock fell ninth left side rib fractured.
Jan. 12	Stephen Ross	Miner	46	Married	....	4	American	Frostburg	Drilling hole and left hand scraped rib. Infection developed.
Jan. 10	Sau, Jong	Miner	34	Married	....	3	American	Frostburg	Pushing car and pain struck him in left side of chest below collar bone.
Jan. 30	Tony Stucin	Miner	54	Widower	12	2	Austrian	Eckhart	Taking down rock and piece fell on his foot.
Jan. 25	John Ruzzecki	Miner	53	Single	19	....	Polish	Eckhart	Tugging car with hoist, church pulled out of his hand, bruising hand.
Feb. 14	James Eisentrout	Laborer	24	Single	15	....	American	Eckhart	Pushing loaded car. Hernia right side.
Feb. 7	Joseph House	Miner	66	Married	11	....	American	Frostburg	Loading rock in car, piece fell bruising big toe on right foot.
Feb. 19	Howard Myers	Miner	43	Married	27	1	American	Eckhart	Loading coal and his buddy struck him on left elbow with shovel. Infection developed.
Mar. 5	Henry Pope	Motorman	42	Married	4	3	American	Eckhart	Running motor and flash from trolley pole affected his eyes.
Mar. 19	Albino Niclota	Miner	43	Married	23	5	Italian	Eckhart	Piece of rock fell striking bottom, turned over and bruised his left thigh.
Mar. 19	John Piper	Miner	33	Single	23	0	American	Eckhart	Rock fell and strained his neck and shoulders.
Mar. 22	Richard Watkins	Miner	30	Married	24	2	American	Eckhart	Rock fell, face and shoulders cut and bruised.
Mar. 27	Charles Cathcart, Jr.	Miner	33	Married	....	3	American	Frostburg	Boring down loose rock; piece fell and injured his left foot.
Apr. 11	Wm. Wislow	Miner	28	Married	35	3	American	Zehlman	Moving conveyor boom and strained his back.
June 4	Roy Warn	Laborer	41	Married	6	3	American	Eckhart	Had placed tie on rail to take surface bend out of rail, after straightening rail he removed jack and then began driving spikes; in doing so, he jammed the tie which fell and struck him on head.
June 11	Carl Dieck	Miner	54	Married	27	....	German	.....	This man had his back against the roof and his feet on bumper of car, helping his buddy to place car on track, injured his back.
June 13	John Purlbaugh	Miner	42	Married	12	....	American	.....	He was using a bar to pull ropes off a drum when he was struck in the right side with bar. Right side slightly injured.
July 6	Frank Wenck	Miner	38	Married	30	2	American	Frostburg	Unloading conveyor pans and wrenched his back.
July 9	Cobey Snyder	Miner	30	Married	12	3	American	Frostburg	Firing shot and coal fell and cut him above right eye.
July 16	William H. Plummer	Miner	47	Married	....	3	American	Frostburg	Boring down rock and piece fell and mashed third finger at first joint on left hand.
July 20	Carl Dixon	Laborer	33	Widower	10	0	American	Frostburg	Pouring oil from one container to another. Oil ignited from carbide flame and burnt his face.
Aug. 1	Henry Finzel	Miner	59	Married	....	....	American	Frostburg	Cleaning up rock shot, piece sid from top of pile fracturing left leg.

**CONSOLIDATION COAL COMPANY—MINE No. 10—(Continued)**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Sept. 11	Sam Long	Miner	34	Married	36	2	American	Frostburg	While loading coal on his knees, a piece of coal fell off the rib and hit him on the heel and bruised second toe on right foot.
Sept. 26	Ben Conghenaur	Laborer	63	Single	....	....	American	Eckhart	He was loading cross-bars and had one end on car and one on timber pile. End slipped off car and bruised his left foot.
Nov. 2	Albert Fisher	Miner	31	Married	37	2	American	Frostburg	Set pipe jack and mining machine ran down-hill catching his finger.
Nov. 9	Henry Pope	Motorman	42	Married	9	3	American	Eckhart	Placing trip of rock in switch and a small piece fell between two bars and cut his head.
Nov. 13	James Fraser	Asst. Foreman	46	Widower	6	0	American	Frostburg	Slipped on rail and fell injuring left knee.
Nov. 23	Carl Smith	Miner	28	Single	12	0	American	Eckhart	Gobbing rock and sprained back.
Nov. 6	Walter Wingert	Laborer	56	Married	....	....	American	.....	Moving mining machine from left to right side of place and re-setting props. Props were not set properly for his protection and a piece of rock fell.
Dec. 10	George Felsingier	Miner	42	Married	....	3	American	Eckhart	Loading rock in car and rock broke and caught his thumb on left hand between car and piece of rock. Thumb badly cut.
Dec. 14	David Boye	Miner	26	Married	....	..	American	Cumberland	Pulling on front end of loaded car and wheel caught his right foot.
Dec. 17	Charles Miller	Miner	35	Married	....	3	American	Frostburg	Mining coal and piece of rock fell. First and Second Lumbr. Vertebra crushed. Top of shoulders and left side of face scratched.
Dec. 28	John Piper	Miner	35	Single	....	....	American	Eckhart	Dragging pans from under rock, pulled muscle loose from breast bone.

**CONSOLIDATION COAL COMPANY—MINE No. 12**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
June 8	Floyd Logsdon	Laborer	38	Married	15	6	American	Lonaconing	He was hauling rails on a mine car; the cars were pulled around a turn which caused the rails to extend to the outside of the car and the end caught him above the left eye causing a bad cut.
June 21	William Plummer	Miner	46	Married	39	....	American	.....	Opening new can of outside by driving a nail between the seal and lid when he struck the nail which flew and struck him in the eye.
July 13	John N. Powers	Laborer	66	Married	17	....	American	Frostburg	Building crib with props, when he slipped and fell off crib. Left side bruised and cut on the side of his head.
Aug. 20	John Bond	Miner	27	Married	38	....	American	Lonaconing	A lump of coal fell from the breast and struck him on foot.
Aug. 29	Alwyn Hawkins	.....	20	.....	20	....	.....	.....	Was loading a car and piece of roof coal fell from between first and second cross-bar and struck him on left side of back. Bruised back.

**CONSOLIDATION COAL COMPANY—MINE No. 17**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Feb. 5	Ford Ruby	Miner	45	Married	14	5	American	Lord	Victim was lying along face, mining off for shot when small piece of bone coal fell striking him on muscle of shoulder, causing a bruised muscle.
Feb. 5	John Leptic	Loader on Conveyors	21	Single	35	1	American	Lord	Victim was moving Gelatley conveyor pan across conveyor and caught his finger between moving pan and post causing a bruise which became infected.
Feb. 7	Joe Leptic	Conveyor Loader	24	Single	2	1	American	Lord	Victim was helping to move tail piece of Gelatley conveyor and as tail piece moved along bottom it caught his foot against a post, causing slight bruise.
Feb. 22	Scott Wilhelms	Conveyor Loader	22	Married	34	3	American	Lonaconing	Victim was loading head-end of conveyor on small truck used in butt headings driven under rock, when truck moved and drive suddenly came on truck catching the two middle fingers of his left hand, badly crushing same.
Feb. 20	Samuel Buskirk	Brakeman	22	Married	30	3	American	Frostburg	Victim was placing hoist rope on empty trip at loading point of conveyor when boom man started hoist, catching victim's third finger of right hand, crushing same.
Mar. 5	John Winters	Miner	23	Single	4	1	American	Carlos	Victim was placing lump of coal on mine car, when lumps broke causing him to strike the back of his left hand against car, bruising same.
Mar. 30	George Sagal	Miner	52	Married	10	5	Hungarian	Lord	Victim was walking out haulage road and coming to small body of water he attempted to walk rail and in slipping from rail he caught his foot against tie causing him to stumble and strain muscles of right instep before he could regain his balance.
June 28	Wilbur Lawrence Ewing	Miner	33	Married	28	5	American	Lord	Victim was assisting buddy to set a cross-bar on legs and while lifting end of bar he slipped and struck his side on frame of empty car causing a fracture of third rib on right side. (This accident was not reported until July 11, 1934.)
Aug. 29	James Theodore Raynor	Conveyor Worker	40	Married	21	4	American	Gilmore	Victim was pulling conveyor pan out of slant to send into working place when he felt a pain in small of back, pan became fastened on post.
Oct. 25	John Leptic	Conveyor Loader	21	Single	21	1	American	Lord	Victim was crossing over room conveyor when piece of draw slate fell and struck him on toes of left foot, causing a bruise of first toe and a bruise and laceration of second toe.
Oct. 30	Louis Jacob Miller	Conveyor Loader	32	Married	10	6	American	Lonaconing	Victim was shoveling coal on to face conveyor when he struck the back of his hand against a safety post, causing a slight bruise. A week later hand became infected due to callous being broken on palm of hand.
Nov. 9	Thomas Steele Allen	Miner	24	Married	2	2	American	Lord	Victim was unloading six foot mine props from car in his working place when post slipped out of his hand catching his second finger of his left hand against another post in car. Finger was bruised and very slightly lacerated.
Nov. 19	Daniel J. Cullen	.....	54	Married	17	....	Scotch American	Lord	Slipped off bottom while drilling hole with auger. Strained muscle of back.
Dec. 30	Samuel Hartman	Miner	22	Single	4	1	American	Barton	Victim was driving up post when some foreign piece of material struck him in eye. Nothing was noticeable at time of accident but eye became sore on Jan. 2, 1935, and was slightly inflamed. Probably a piece of bark from post struck the eye. Was sent to an eye specialist who advised that he remain off a few days.

**GEORGES CREEK COAL COMPANY, INC.—ALL MINES**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 10	James H. Anderson	Miner	47	Married	32	4	American	Lonaconing	Piece of rock fell from rib when he was loading car of coal catching both his legs between mine car and piece of rock. Both legs cut and bruised below knees.
Jan. 16	Walter Mackey	Miner	64	Married	24	2	American	Lonaconing	Breast of coal fell catching left foot between coal and pavement. Left foot cut and bruised.
Jan. 29	Andrew Brodie, Sr.	Miner	60	Married	4	3	American	Lonaconing	Lifting a piece of rock when pain hit him in his back. Strained back.
Feb. 15	Willis Preston	Miner	48	Married	56	3	American	Lonaconing	Ruptured left side of body while pushing mine car.
Mar. 13	Cecil Beeman	Miner	26	Married	34	6	American	Gilmore	Running a mine car out of his working place when car became derailed catching his foot between bumper of car and mine tie. Big toe on left foot cut and bruised.
May 11	David Brown	Miner	29	Married	21	2	American	Lonaconing	Lump of coal fell off loader car when running mine car out of his working place catching his hand between car and bumper on car. Third finger of right hand cut and bruised.
June 28	Allan Abbott	Miner	26	Single	14	....	American	Lonaconing	Mine car ran over his right foot while making a switch on main heading. Small toe on right foot burst and bruised.
Sept. 12	Andrew McDonald	Dumper	48	Single	48	....	American	Lonaconing	Pushing empty mine car when another car ran up on him. Lacerated wounds of both legs and sprained ankles.
Sept. 20	William Robertson	Miner	28	Married	14	2	American	Lonaconing	Following car out of working place and bumped into it when it stopped. Injured left knee and leg.
Sept. 5	James Green	Miner	34	Married	31	4	American	Lonaconing	Caught his feet while coming out of his working place, throwing him down. Bruised shoulders and stiff neck.
Sept. 29	John A. Robertson	Miner	73	Married	....	2	American	Lonaconing	Was pushing mine car out of working place when he caught his shoulder between mine car. Bruised between shoulders causing an infection.
Oct. 8	Richard Wilson	.....	....	.....	....	....	.....	.....	Was shoeing a mule when he was tripped by mule. He fell on a large rock, the mule on him. Right knee injured.

**HOWARD & MAYBURY**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
May 8	Parker Tichnell	Miner	40	Married	30	7	American	Barton	While lifting a loaded mine car the jack slipped and caught the index finger on left hand cutting it off at first joint.
Sept. 20	A. P. Tichnell	Miner	40	Married	....	7	American	Barton	This man had a slight scratch on finger but had not returned to work at the beginning of 1935. This accident was witnessed by Grover Bosley of Westernport.

**JACKSON BIG VEIN GEORGES CREEK COAL COMPANY—CALEDONIA MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Feb. 17	Emmit Breunan	Miner	30	Married	10	3	American	Barton	Was struck on heel by a pick.
Mar. 7	Harman Ganton	Miner	37	Married	....	5	American	Barton	Nose cut by piece of rock.
Mar. 30	Fred Kyle	Nightman	35	Married	4	4	American	Barton	Strained muscle in back.

**JACKSON BIG VEIN GEORGES CREEK COAL COMPANY—SONNY MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
May 18	John Murphy	Miner	49	Married	1	0	American	Lonaconing	Car hit prop which hit man in chest.
June 5	Jacob Miller	.....	....	Married	7	....	.....	.....	Making a wedge with axe when axe slipped and cut right knee.
June 18	Charles W. Nicol	Driver	....	.....	6	....	American	Lonaconing	Strained muscles throwing prop up on car.

**MCDONALD COAL COMPANY—MCDONALD MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
July 20	George McDonald	Laborer	50	Married	8	4	American	Barton	Squeezed between a load of rails and rib.

**MCNITT COAL COMPANY—BOWERY FURNACE MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 12	Thomas Miller	Miner	...	Single	35	...	American	Carlos	Struck by piece of rock. Contusion of leg.
Jan. 11	Connell Whiteham	Miner	42	Married	25	...	American	Frostburg	Wrenched back pushing car.
Jan. 29	Henry Glimc	Miner	25	Married	14	...	American	Frostburg	Lifting car and strained back.
Jan. 11	Peter Ziler	Miner	...	Single	25	...	American	National	Struck by piece of rock. The injured.
Feb. 6	John Whitman	Miner	38	Married	8	...	American	Lonaconing	Slipped pushing car and injured left knee.
Feb. 8	George Stevenson	Miner	49	Married	...	...	American	Carlos	Fall of rock, contusion of back and chest.
Feb. 9	James Henderson	Miner	52	Single	35	...	Scott	Middlethian	Walked against cappiece; ribs bruised.
Feb. 13	James Fuzel	Miner	30	Married	21	...	American	Frostburg	Fall of rock; legs bruised.
Apr. 17	Martin Rowe	Miner	20	Married	21	...	American	Middlethian	Struck by piece of rock. Ligaments in neck bruised.
May 2	Isaac Horie	Miner	64	Married	...	...	American	Gilmore	Caught finger between block and car wheel; finger badly bruised.
May 21	John Savage	Miner	34	Married	...	...	American	Frostburg	Struck by fall of rock. Leg fractured.
May 28	Leonard Miller	Miner	35	Married	...	...	American	Mt. Savage	Struck by fall of rock; back broken.
June 6	George Adams, Jr.	Miner	40	Married	...	...	American	Midland	Struck arm against prop; arm and elbow bruised.
June 7	Thomas Miller	Miner	26	Married	11	5	American	Shaft	Struck by fall of rock. Lacerated arm and leg.
July 7	John Wolfe	Miner	27	Married	16	...	American	Carlos	Slipped pushing car; side strained.
July 7	James Ziler	Miner	21	Single	...	...	American	Grahamtown	Bumped finger. Finger bruised.
July 21	Robert Shaw	Laborer	53	Married	...	...	American	National	Infected knee caused by kneeling.
Aug. 2	John E. Lyons	Miner	37	Single	26	...	American	Borden	Caught hand between car and roof. Hand bruised.
Aug. 14	Joseph Wilks	Miner	41	Married	6	...	American	Lonaconing	Struck by piece of rock. Thumb cut.
Aug. 24	James M. Robinson	Miner	48	Married	59	...	American	Westernport	Struck by piece of rock. Thumb dislocated.
Aug. 28	Airey Whitehead	Laborer	26	Married	3	...	American	Middlethian	Trapped on nail. Injured foot.
Sept. 7	John House	Miner	31	Married	25	...	American	Lonaconing	Mashed finger while pushing car.
Sept. 7	Harry Stevens	Miner	30	Married	40	...	American	Zibinan	Cut hand while entering timber.
Sept. 11	George Shoemaker	Motorman	33	Married	2	...	American	Zibinan	Prop fell and bruised and cut head.
Sept. 26	Frank Drury	Miner	27	Single	19	...	American	Frostburg	Injured finger while lifting car.
Sept. 28	Theodore Brode	Miner	21	Married	23	...	American	Frostburg	While dropping cars hurt leg.
Sept. 28	John Henry	Miner	24	Married	19	...	American	Frostburg	While pushing car wrenched side.
Oct. 3	Albert Thomas	Miner	23	Married	19	...	American	Frostburg	Slipped and bruised knee.
Oct. 15	Carl Thomas	Miner	33	Married	...	...	American	Cumberland	Slipped and bruised knee.
Oct. 17	Thomas Armstrong	Motorman	...	Married	13	2	American	Zibinan	Fractured right foot by fall of rock.
Oct. 25	George Besman	Miner	...	Single	5	...	American	Lonaconing	Switch ball hit him fracturing toe.
Oct. 26	Charles Wolfe	Miner	20	Single	12	...	American	Grahamtown	Ran pick in hand.
Oct. 26	David Swanger	Miner	40	Married	4	...	American	Frostburg	Arm injured by stepping on rope which threw him.
Nov. 1	Walter Eichhorn	Laborer	35	Married	0	...	American	Frostburg	While lifting car injured hand. Broken finger.
Nov. 3	Conrad Fletcher	Miner	26	Married	19	5	American	Frostburg	Finger hurt by fall of rock.
Nov. 7	Clarence William	Miner	23	Married	11	3	American	Frostburg	Shoulder and hand injured by fall of rock.
Nov. 28	Jethro Williams	Laborer	34	Married	...	...	American	Frostburg	Mashed toe by fall of rock.
Dec. 7	Filden Boone	Miner	60	Married	56	3	American	Gilmore	Right foot fractured.
Dec. 6	Edward Taylor	Motorman	45	Married	49	...	American	Frostburg	Rock fall. Injury to left thumb and index finger.
Dec. 21	Charles Blank	Miner	50	Married	14	...	American	Allegany	Caught hand between controller and roof. Thumb injured.

**MCNITT COAL COMPANY—MCNITT No. 2 MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Feb. 17	Thos. Whitehead	Miner	35	Single	...	...	American	Middlethian	Struck by piece of wood while cutting prop.
Mar. 17	Dominic Pifalo	Miner	32	Married	7	...	Italian	Frostburg	Stumbled and fell. Knee bruised.
Mar. 22	George Whitefield	Motorman	31	Married	20	...	American	Frostburg	Lifting car. Strained back.
Apr. 6	James W. Lyons	Miner	58	Married	14	...	American	Frostburg	Caught finger between car and timber. Third finger left hand bruised.
July 21	Mathew Williams	Miner	34	Married	47	...	American	Grahamtown	Struck by piece of rock. Back bruised.
Aug. 15	Louis Walbert	Laborer	60	Married	54	...	American	Frostburg	While loading rails, mashed finger.
Sept. 11	Oliver Downton	Miner	24	Single	26	...	American	Eckhart	Struck by piece of rock. Leg bruised.
Sept. 11	John Race	Miner	56	Married	28	...	American	...	Setting prop. Had fingernail torn off.
Oct. 23	Uolan Willart	Miner	26	Married	...	...	American	Frostburg	Caught finger between car and roof, injuring finger.
Oct. 23	Robert Hoff	Miner	32	Married	13	...	American	Frostburg	Injured hip.
Oct. 26	John Farkin	Miner	60	Married	12	...	American	Carlos	Elbow cut by being hit with shovel.
Nov. 9	Albert Shingloff	Driver	33	Single	17	...	American	Frostburg	Mashed finger against prop.
Nov. 16	Joseph Ruffo	Laborer	28	Single	0	...	Italian	Frostburg	Hit above eye with brake club.
Dec. 3	Eli Phillips	Miner	61	Married	...	...	American	Frostburg	Bar fell on foot. Big toe of right foot broken.

**MARYLAND COAL COMPANY—KINGSLAND BIG VEIN**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 8	David Kiddy	Driver	33	Married	3	3	American	Frostburg	Strain, lifting prop from car.
Jan. 5	Arch Macintosh	Miner	30	Single	49	...	American	Lonaconing	Cut hand with axe making wedge.
Jan. 29	Henry Fazenbaker	Miner	58	Married	19	5	American	Lonaconing	Injured knee while mining.
Feb. 22	Ungly Fazenbaker	Miner	28	Married	0	...	American	Lonaconing	Struck above eye with shovel by his buddy.
Feb. 9	Henry Crosser	Miner	70	Married	5	...	American	Barton	While mining a lump of coal fell on his foot.
Oct. 25	William Campton	Miner	45	Married	0	...	American	Lonaconing	Pushing mine car and caught his hand between prop and car.
Nov. 1	Matthew Muir	Miner	45	Married	5	...	American	Lonaconing	Had pimple on arm, bumped arm against prop, arm became infected.
Dec. 19	John Reher	Trackman	58	Single	12	...	American	Lonaconing	While unloading rails, finger caught and injured.

**MIDLOTHIAN COAL COMPANY—MIDLOTHIAN MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 4	William Peifer	Miner	48	Married	64	2	American	Midlothian	Tamping a shot when it went off. Left side of body cut and bruised.
Jan. 4	Edward Hersell	Miner	38	Single	14	...	American	Carlos	Fall of draw rock. He was mining breast of coal when a piece of rock fell, hitting him on back. Back cut and bruised.
Mar. 20	Lee Peifer	Miner	19	Single	14	...	American	Midlothian	Brake on mine car flew up catching him on mouth, breaking ends of three front teeth.
Apr. 6	Leroy Coleman	Miner	20	Single	22	...	American	Louaconing	Shoveling rock when his hand got bumped on mine prop. Third finger of left hand cut and bruised.
July 30	Fred Steinhelz	Miner	58	Married	20	4	American	Louaconing	Boring rock shot when he slipped and fell causing his body to fall against drill. Broke seventh rib on left side.

**POTOMAC BIG VEIN GEORGES CREEK COAL COMPANY—POTOMAC MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Feb. 3	Sheridan Barnes	Miner	55	Married	1	5	American	Parton	Struck in left eye with a small piece of coal. Temporary injury.
Oct. 29	William Shaw	Miner	29	Married	0	2	American	Moscow	Struck on left cheek with pick glancing from an old prop. Temporary injury.

**POTOMAC BIG VEIN GEORGES CREEK COAL COMPANY—UNION MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Feb. 11	Patrick Shtoro James Conway	Miner Laborer	25 48	Married Married	10 13	4 12	Italian American	Zehlman Frostburg	Mine car left rail and knocked out prop and bar hit man on hip, bruising the hip. While timbering rock fell from roof and hit him on back and rolled off on right ankle. Cut and bruised.

**POTOMAC FUEL COMPANY—FRANKLIN No. 4**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 12	Hallie Arthur	Tipple Laborer	30	Married	32	2	American	Franklin	Mashed foot, by catching it in guard of loading boom.
Mar. 9	Walter Laupert	Laborer	29	.....	...	...	.....	Westernport	Working at face of his place when bone coal fell and struck him on back. Injured back.
Apr. 26	Walter Laupert	Laborer	...	.....	16	3	American	Westernport	Boring hole and bone coal fell injuring back.
Sept. 17	Thos. Tramm	Miner	35	Married	4	4	American	Westernport	Bone coal fell and injured toe.
Sept. 18	Edward J. Gales	Laborer	30	Married	3	3	American	Westernport	Driving and sprained ankle.
Dec. 7	Harold Hirschberger	Laborer	23	Single	8	...	American	Westernport	Bone coal fell and hit ankle.
Dec. 15	Malcolm Kight	Weighman	25	Single	...	...	American	Westernport	Coupling cars and mashed finger.

**SAVAGE MOUNTAIN COAL COMPANY—SAVAGE No. 1**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Nov. 9	John Lewis	Miner	43	Single	18	...	American	Mt. Savage	Fall of roof slate on fingers, causing bruises.

**STEWART MINING COMPANY**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 29	Theodore Blank	.....	...	.....	42	...	.....	.....	Putting in a mining win top coal fell and struck him on left shoulder.
Feb. 12	John M. Corder	.....	...	.....	...	...	.....	.....	While mining coal a lump of coal fell from breast and struck his right hand.
Mar. 20	Edward Blank	Miner	49	Married	14	...	American	Mt. Savage	Working on his knees, loading and preparing coal; while working this way his knee became sore.
Nov. 16	Palmer Sperry	Miner	53	Married	34	...	American	Zehlman	Was on his knees mining when piece of rock fell from roof and struck him on back.

**STRUBE AND WALBERT—BORDEN HILL**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Oct. 10	Christopher Walbert	Miner	41	Married	39	6	American	Frostburg	While loading timber, caught finger between two timbers.

**UNION MINING COMPANY—UNION No. 4**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 5	Charles E. Winebrenner	Machine Cutter	37	Single	5	...	American	Mt. Savage	Pushed in clutch on mining machine and sprained his left thumb and wrist. Hand, thumb and wrist swollen and painful.
Feb. 10	Carl Blank	.....	...	.....	41	...	.....	.....	Riding out of mine, going home from work, when he jumped from car, sprained his left knee.
July 6	Walter Lashbaugh	.....	...	.....	.....	...	.....	.....	Was dumping a car of coal and corner of car caught his foot.
July 31	Norman Miller	Miner	33	Married	.....	...	American	Mt. Savage	Was kneeling on one knee mining coal and a piece fell from roof striking knee exposed. Right knee bruised and swollen.
May 14	Charles Frankentberry	Miner	40	Married	...	5	American	Mt. Savage	Rock fell from roof. Bruised foot.
Dec. 31	Albert Shaffer	Miner	20	Single	4	...	American	Mt. Savage	Throwing lump of coal on car. Mashed finger slightly against roof.

**DOUGLAS WADDELL**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Oct. 9	Jos. E. Gardner	Miner	29	Married	...	1	American	Lonaconing	Making wedge and cut finger of left hand.

**FIRE CLAY MINES**

**NORTH AMERICAN REFRACTORIES COMPANY—No. 6**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 3	Harry Winebrenner	Miner	31	Married	6	3	American	Frostburg	Lump of soapstone fell from roof. Big toe on right foot broken.
Apr. 10	Richard Robison	Ins. Laborer	...	Married	5	...	American	Frostburg	Chip of rock flew from drill and hit eye. Eye bruised.
July 5	Philip Knoff	Miner	51	Married	5	8	American	Frostburg	Piece of clay flew from face of clay when picking down. Eye bruised.

**UNION MINING COMPANY**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 3	Albert Clark	Miner	24	Single	14	...	German	Finzel	Cut wrist carving number for car.
Mar. 20	Jesse McKenzie	Miner	46	Single	12	...	American	Pocahontas, Pa.	Lump of rock fell on his foot.
Mar. 31	Fred Baker	Miner	34	Single	31	...	American	Pocahontas, Pa.	Ran splinter of rail in foot.
Mar. 10	Thos. Machin	Foreman	39	Married	3	3	English	Mt. Savage	Sprained knee pushing car.
May 18	Cecil Larue	Laborer	27	Single	13	0	American	Finzel	Caught between cars, bruised.
June 5	Eugene Arklie	Miner	25	Single	10	0	American	Pocahontas, Pa.	Hit with prop, causing broken rib.
June 7	Walter Witte	Engineer	64	Married	6	2	American	Mt. Savage	Throttle blew out. Face and hands scalded.
June 13	Chester H. Baker	.....	...	.....	...	...	.....	.....	Slipped off car and car ran over him. Bruised kidney and collar bone.
June 27	Lester Baker	Miner	32	Single	7	...	American	Frostburg	Lump of clay fell cutting gash in head, necessitating having it sewed.
July 19	Walter Bier	Miner	36	Married	7	4	American	Pocahontas, Pa.	Rock fell on hand, bruising it.
July 20	Arthur Bolden	Trip-riding	35	Married	4	6	American	Finzel	Stepped on nail.
July 17	Charles Clark	Miner	37	Married	12	6	American	Pocahontas, Pa.	Piece of hard clay flew in eye.
Aug. 24	Arthur Bolden	Driver	36	Married	3	4	American	Finzel	Caught hand between wall and brake, bruising hand.

# Non-Fatal Accidents, 1934

## GARRETT COUNTY

### CASTLEMAN VALLEY COAL COMPANY—DEWEY MINE

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Feb. 1	Mallon Hutzel	Miner	23	Single	...	...	American	Grantsville	Keg of powder (25 lbs.) exploded. Arms and face burned. Same accident as above.
Feb. 1	Thomas Hutzel	Miner	19	Single	...	...	American	Grantsville	

### THE DAVIS COAL AND COKE COMPANY—KEMPTON No. 42

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Feb. 21	H. D. Bittinger	Brakeman	39	Single	...	...	American	Kempton	Was standing on side of track, as trip went by and as the motor went past him he tried to knock the sand pipe over so the sand would hit the rail in D-2 heading as that was the next place the motorman would need sand. Fracture of end of second finger, and all other fingers bruised and lacerated.
Feb. 21	E. F. Harvey	Miner	44	Married	...	5	.....	.....	Was standing middle of track taking coal to other side of car with hands when another car ran down and caught him between bumpers. The car that ran into him was spotted about 3 or 4 ft. from the one injured man was loading. Bruised and lacerated right leg. Ankle bruised.
Feb. 28	Harry Lewis	Scraper	21	Single	...	...	American	Kempton	Was riding in front end of machine which jumped track at the heel of the latch. Caught his right heel between wheel and rail. Bruised and lacerated right heel and foot.
Mar. 13	Charles Rapsky	Miner	17	Single	0	...	Lithuanian	Henry, W. Va.	This man had put his lamp away and was bent over picking up his dinner bucket; as he straightened up the other man standing close to him swung his pick over his shoulder and injured man in eye. Puncture wound in left eye.
Mar. 14	Pete Scripp	Miner	20	Single	0	...	Lithuanian	Henry, W. Va.	Man was standing at frog of switch waiting for cars to go past him; first car jumped track catching him and ran upon him, bruising left leg and breaking bone in ankle. This man must have been standing close to track as he was going to make a cut on these cars. Bruised left leg and broke bone in ankle.
June 5	W. P. Warsaw	Miner	59	Married	0	3	American	Kempton	While shoveling coal small piece of draw slate fell and hit man on third finger of left hand. Piece of rock that fell was about 4x12 inches and about 5 inches thick. Mashed and cut end of finger on left hand.
June 13	Roy Kelly	Motorman	33	Married	12	4	American	Kempton	Had hold of lump of coal and in turning it over his hand slipped and hit pick.
June 22	W. P. Warsaw	Miner	59	Married	22	3	American	Kempton	Draw slate fell from roof catching leg and arm. Bruised and skinned right leg.
June 27	W. K. Windle	Miner	52	Married	135	5	American	Henry, W. Va.	Right elbow bruised.
July 23	Jasper Sires	Miner	44	Married	10	9	American	Pierce, W. Va.	Had top coal shot down and was crawling between safety prop and coal. A lump of coal, weighing between 300 and 400 pounds rolled down upon him and caught his leg, breaking same. Simple fracture of left leg about half way between knee and ankle.
Aug. 27	Robert Jackson	Brakeman	23	Married	8	2	American	Kempton	Was holding slider rail in with spike bar when spike bar slipped out, and the man on the spur bit cut right forearm.
Aug. 25	Earl Shrock	Miner	46	Married	10	5	American	Kempton	Pushed empty car over end of track, and flange of wheel went on top of rail. The victim had his back against coal and feet against car trying to slew car on track. Car dropped off rail and caught left foot between car and safety prop. Sprained left foot.
Sept. 11	George Paffenbarger	Timberman	51	Married	43	7	American	Kempton	Was ready to set a cross-lar and had prop cut off; was standing up in place and reaching for bar when prop fell and caught little finger on right hand between bar and prop. Mashed little finger.
Nov. 5	L. C. Fink	Motorman	25	Married	1	4	American	Kempton	Was setting cross-bar at face of F. Hug. One end of bar was on bottom coal, other end on pavement, injured man was standing in center of place ready to pick up bar; his buddy was digging hitch a little under so the bar would go up when a piece of rock fell on victim. Bruised right elbow and fracture of right jaw.
Nov. 1	Charles King	On Larry Car	23	Single	25	...	American	Kempton	Cut on right cheek; strained right leg.
Dec. 14	Dorsey James	Miner	42	Married	17	...	American	Kempton	Was coming out of place and cable caught under two ties. Motorman tried to loosen cable but couldn't. Cable came back over bumper and caught motorman between box and cable. Fracture of rib on left side.
Dec. 27	Melvin Wotring	Brakeman	24	Married	...	4	American	Kempton	In dumping larry on side it tilted quicker than he thought it would and caught him between larry and rail, and bruised left leg pretty badly. Bruised left leg.
									Man was standing inside of crosscut switch and small piece of rock had fallen from roof on crosscut switch, causing cars to jump track and hit man. Bruised calf and ankle of left leg.
									Pushed empty above sixth right A.C., then placed it up, came back out of A.C. and threw the switch and went to step on motor and missed the step, foot going under wheel of motor. Had some more empties on the straight above the switch.

**GEORGIAN COAL MINING COMPANY—GEORGIAN MINE**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 22	T. R. Williams	Miner	29	Single	70	...	American	Bayard	Was loading coal in mine car and ruptured self.
Feb. 11	Carl Reall	Miner	21	Single	22	...	American	Gorman	Mashed third finger, left hand.
Mar. 14	James B. Lisle	Ex-Brakeman	37	Married	47	...	American	Gorman	Sprained back while removing cinders from ash pit.
June 5	Alva Lee Faliz	Motorman	44	Married	30	5	American	Gorman	Foot caught in frog and motor ran on same, mashing foot.
June 25	George Ashby Williams	Motorman	44	Married	30	5	American	Gorman	While going around curve, cars were wrecked catching motor and mashing little finger on left hand.
July 2	Sam Long	Miner	30	Married	6	5	American	Gorman	Wrist became wound up in cable on motor, causing bruised wrist.
Sept. 26	Sam Rinker	Miner	48	Married	9	6	American	Gorman	While taking down top bone, piece fell striking him on right foot.
Oct. 9	William Reel	Miner	21	Single	7	...	American	Gorman	While cleaning coal struck pick into left wrist.

**HAMILL COAL AND COKE COMPANY**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 22	Fred Barryll	Miner	42	Married	6	5	American	Kitzmiller	Mashed finger.
Feb. 14	John F. James	Miner	64	Married	14	2	American	Blair	Was getting ready to start a hole for shot under rock when coal and slate fell catching hand against prop. One finger mashed and flesh torn from little finger.
Aug. 15	James Pratt	Driver	38	Married	7	5	Italian	Kitzmiller	In riding on front end of mine car his right leg was pinched between top of mine car causing abscess or large boil.

**THE MANOR COAL COMPANY—MANOR No. 1**

Date	Name of Person Injured	Occupation	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 2	James R. Johnston	R. R. Car Shifter	23	Married	8	2	American	Vindex	Cleaning railroad car when he was struck on head with steel bar by fellow-worker.
Jan. 3	Jack Pennell	Cutting Mach. Runner	19	Single	5	...	American	Vindex	Contusion of forehead.
Jan. 8	James Tichnell	Miner	19	Single	6	...	American	Vindex	Caught between cutting machine and rib. Bruises of hips.
Jan. 9	Joe Dennis	Miner	54	Married	24	4	Lithuanian	Kitzmiller	Struck finger on edge of axe while setting prop. Cut finger.
Jan. 15	John Ingrodi	Miner	53	Married	16	1	Slavish	Vindex	Finger caught between prop and rail while knocking out prop with rail. Fracture of end digit and laceration of ring finger.
Jan. 18	George C. Bowers	Miner	55	Widower	5	1	American	Vindex	Injured by fall of middle rock. Bruised about body, back and legs.
Jan. 29	William Reeman	Motorman	26	Married	17	...	American	Vindex	Rock fell on foot while digging coal. Contusion of left foot.
Feb. 1	Charles Fickes	R. R. Car Shifter	36	Married	27	4	American	Vindex	He was struck by rail header while working on track inside of mine.
Feb. 1	Paul R. Evans	Brakeman	25	Married	18	...	American	Vindex	Thrown from locomotive on to track. Contusion of coxons.
Feb. 3	William Kiefer	Brakeman	25	Married	18	...	American	Vindex	Lost footing on top of railroad car and fell to ground. Badly contused left knee.
Feb. 13	Archie Kitzmiller	Serp. after Cut. Mach.	36	Married	161	5	American	Vindex	Operating electric locomotive when trolley pole came off wire and struck cross-bar causing it and unsupported rock to fall. Contusion of head and 2 teeth, knocked out.
Feb. 15	Lee Lipscomb	Cutting Mach. Opr.	30	Married	82	4	American	Vindex	Sanding track for machine. Pick lying on machine caught on rib throwing him onto track into path of machine. Bad contusion extending from knee to ankle.
Feb. 20	Garfield Bowers	Serp. after Cut. Mach.	52	Married	76	4	American	Dear Park	Operating cutting machine when rib fell in mashing hand between controller box and side of machine. Bad multiple fracture of left wrist.
Mar. 12	John Burdoek	Miner	55	Married	44	1	American	Elk Garden, W. Va.	Stepped off of and in front of moving cutting machine. Foot caught between ties and machine mashed foot against tie. Bad sprain and contusion of right ankle. Also fracture of fibula between knee and ankle joint.
May 2	Charles Fickes	Motorman	26	Married	26	3	American	Elk Garden, W. Va.	Working on his knees when he cut his leg on a sharp rock just below the knee. Abscess developed.
May 18	Paul Rohrbaugh	Miner	19	Single	92	...	American	Elk Garden, W. Va.	A rail fell on his left foot while he was loading them. Mashed third metatarsel.
July 11	Earl Johnson	Miner	17	Single	7	...	American	Vindex	Cleaning dirt from under cars when car ran over his finger. Amputation of index finger at first joint.
July 13	C. W. Davis	Miner	62	Married	...	2	American	Vindex	Cleaning coal when pick struck sulphur ball and glanced striking foot. Puncture wound of right foot in region of base of big toe.
July 19	J. R. Walters	Miner	44	Married	30	5	American	Vindex	On his knees digging coal when a large lump fell from top down on him. Fracture of tibia and fibula (very bad).
July 20	Domenick Urbin	Miner	19	Single	38	...	Lithuanian	Kitzmiller	On his knees when a piece of coal and bone rolled down on his knees. Bruise of knee joint.
July 17	Adam Baleunas	Maer	51	Widower	29	4	American	Kitzmiller	Dropping a load of coal when a lump came back on his hand between car and roof.
Sept. 6	Jack Pennell	Cutter	20	Married	35	1	American	Vindex	Avulsion of flesh of index and middle fingers with contusion of second joint of index finger.
									Struck knee against rock while loading coal in mines. Abrasion and contusion of right knee with infection.
									Cutting machine jumped the track, the brake dropped down and then flew up striking hand. Simple fracture of fifth metacarpal bone, right hand.

**THE MANOR COAL COMPANY—MANOR No. 1—(Continued)**

Date	Name of Person Injured	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Nov. 6	Wood Evans	35	Married	...	4	American	Vindex	Taking bag dust from under cut when about 3 cu. ft. of coal rolled out, striking forehead and hand. Compound fracture of right index finger and simple fracture of middle finger.
Nov. 7	Alston G. Stewart	33	Married	...	5	American	Vindex	Lifting rock, hand slipped, throwing arm against another rock. Infected 'miner's elbow'.
Nov. 15	Felmar Tackett	20	Single	13	...	American	Vindex	Bumped arm on roof while shoveling coal. Bruised and infected elbow.
Nov. 21	Wilbur Beeman	20	Single	4	...	American	Vindex	Clucking car when foot caught between chuck and tie. Bruising of foot with swelling.
Nov. 23	W. T. Nine	54	Married	...	4	American	Deer Park	Digging when piece of top coal fell striking him on left hip and thigh. Contusion of hip and badly bruised muscles of thigh.
Dec. 6	William S. Kiefer	25	Married	10	2	American	Vindex	Loaded car of rock ran into motor which victim was driving. Victim hit on cheek by flying piece of rock. Fracture of eleventh and twelfth dorsal vertebra left side of body.

**R. J. ROSS COAL MINES, INC.—CARROLL PATTISON, Receiver—FROG HOLLOW MINE**

Date	Name of Person Injured	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 6	John Gaskey	53	Married	20	...	Polish	Beryl, W. Va.	Strained his back while pushing a mining car.
Jan. 6	Dewey Metcalf	30	Married	10	...	American	Beryl, W. Va.	Stepped off a moving car and caught his foot under bumper of car. Strained leaders in his ankle.
Jan. 26	Charles Metcalf	26	Married	8	...	American	Beryl, W. Va.	Strained his back while lifting car on track.
Feb. 6	James Sullivan	56	Married	30	...	American	Westernport	Slipped and fell against a car; broke rib on right side.
Feb. 2	Jerome Shellingburg	56	Married	3	...	American	Piedmont, W. Va.	Breaking rock with hammer and struck his elbow.
Feb. 18	John Lynksweiler	45	Married	15	...	American	Westernport	Riveting liners on cutter-bar of machine and a hot spark flew in his eye.
Feb. 28	Ralph Beavers	49	Married	...	...	American	.....	While cutting a place, rock fell cutting him in the face, nose and on head. This accident caused the death of this man's son, working with him.
Mar. 8	Fred Douglas	39	Single	30	...	American	Westernport	Draw slate fell mashing finger on left hand, causing a possible fracture.
Mar. 12	James D. Lynksweiler	52	Married	...	...	American	Westernport	This man's place cut through to old workings and he must have run into some black dam. He was off for a time, returned to work and then stayed off again.
May 12	Carl Nichols	23	Married	...	...	American	Westernport	While unloading rails off car, caught his thumb on left hand between rail and roof breaking it at first joint.
Dec. 27	Donald Ross	24	Single	0	...	American	Westernport	Putting up bottom on railed car. Wrenched, slipped and bumped his head.

**SHALLMAR MINING CORPORATION—WOLF DEN**

Date	Name of Person Injured	Age	Married or Single	Number Days Lost	Number in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Jan. 3	John Athey	56	Single	12	...	American	Shallmar	Cutting coal on the bottom and the top fell over on his hand. Lacerations of right hand.
Jan. 18	Thomas Swansboro	29	Married	19	4	American	Shallmar	Caught hand between bumper on a car and the motor. Fracture of end digit of ring finger, left hand.
Feb. 5	Lewis Carboski	48	Married	7	4	Lithuanian	Shallmar	Lifting a car on track. Sprained back.
Feb. 8	Lloyd Berkeley	34	Single	25	...	American	Shallmar	Caught foot between rail and tie, and twisted knee. Discolored cartilage of knee.
Feb. 22	C. B. Burgess	41	Married	14	6	American	Shallmar	Ran a copper mine needle into his finger. Infected finger.
Mar. 5	Steve Newhouse	30	Married	6	2	American	Shallmar	Cable from cutting machine blew up. The glare from the cable burnt his eyes, causing them to become inflamed.
Mar. 14	Garland Rosier	19	Single	4	...	American	Shallmar	A piece of top rock fell striking him on the head. Laceration of scalp over back of head.
Mar. 19	Oscar Simpson	38	Married	33	4	American	Deer Park	Rolling a log and it rolled on his foot. Fracture of first Meta Carpal bone, big toe left foot.
Mar. 20	Arthur Duckworth	45	Single	1	...	American	Shallmar	Pulling a rock down and it fell, catching his foot against a rail. Bad bruise and contusion of foot.
Aug. 22	Carl Gough	28	Married	33	2	American	Oakmont, W. Va.	Caught between two cars when they jumped the track. Contusion of right testicle.
Aug. 17	Elzie Brady	31	Married	49	4	American	Shallmar	Lifting a mine car on track. Right inguinal Hernia.
Nov. 10	Joe Markley	44	Married	24	6	American	Kitzmiller	Employee was putting machine on track, the jack slipped out throwing him against brake lever, the brake released and hit him across right forearm. Bruised tendon of right forearm.

**TABLE OF MINE INSPECTIONS**  
**ALLEGANY COUNTY**  
**FOR CALENDAR YEAR 1934**

Date	Name of Company and Mine	Location	Inspector
Jan.	10-11—Consolidation Coal Co., No. 17.....	Lord	Powers
"	16—Big Vein Coal Company of Lonaconing, Castle Mine .....	Lonaconing	Powers
"	25—Consolidation Coal Co., No. 3.....	Hoffman	Powers
"	30—Bridges Coal Company, Parker Mine.....	Barrellville	Powers
Feb.	1—Consolidation Coal Co., No. 12.....	Shaft	Powers
"	4—Union Mining Company, No. 4 Black Hills Mine	Mt. Savage	Powers
"	16—Big Vein Coal Company of Lonaconing, Pekin Mine .....	Lonaconing	Rowe
"	22—Wadell Georges Creek Coal Co., Sunnyside Mine	Mt. Savage	Powers
"	23—Consolidation Coal Co., No. 4.....	Eckhart	Powers
"	27—Consolidation Coal Co., No. 1.....	Ocean	Powers
Mar.	8-9—McNitt Coal Company, Bowery Furnace Mine....	Midlothian	Powers
"	12—Bridges Coal Company, Parker Mine.....	Mt. Savage	Powers
"	13—Maryland Coal Company, Kingsland Mine.....	Lonaconing	Rowe
"	15—Jackson Big Vein Georges Creek Coal Co., Sonny	Lonaconing	Rowe
"	16—Georges Creek Coal Co., Inc., No. 2 Big Vein....	Lonaconing	Powers
"	23-25—Campbell Coal Company, Hampshire No. 2.....	Piedmont P.O.	Rowe
Apr.	10—Potomac Big Vein Georges Creek Coal Co., Potomac .....	Barton	Rowe
"	19-24—Georges Creek Coal Co., Inc., No. 3, Waynesburg	Lonaconing	Powers
May	11—McNitt Coal Company, McNitt No. 2.....	Midlothian	Powers
"	14-16-18-25—Consolidation Coal Co., No. 10.....	Frostburg	Powers
"	16—Big Vein Georges Creek Coal Co., Bivecol.....	Lonaconing	Rowe
"	17—Stewart Coal Company, Blackberry.....	Mt. Savage	Powers
"	17—Jackson Big Vein Georges Creek Coal Co., Caledonia .....	Barton	Rowe
"	21—Maryland Coal Company, Kingsland.....	Lonaconing	Rowe
"	22—Big Vein Coal Co. of Lonaconing, Pekin Mine....	Nikep	Rowe
"	23—Jackson Big Vein Georges Creek Coal Co., Sonny	Lonaconing	Rowe
"	28—Big Vein Coal Co. of Lonaconing, Castle Mine....	Lonaconing	Powers
June	5—A. P. Hoffa Coal Company, Phoenix Mine.....	Barton	Rowe
"	6-7—McNitt Coal Company, Bowery Furnace Mine....	Midlothian	Powers
"	25—Consolidation Coal Co., No. 3.....	Frostburg	Rowe
"	28—Consolidation Coal Co., No. 12.....	Shaft	Powers
July	2—Georges Creek Coal Co., Inc., No. 4 Tyson.....	Lonaconing	Powers
"	10—Midlothian Coal Company, Midlothian.....	Lonaconing	Powers
"	12—Union Mining Company, Black Hills No. 4.....	Mt. Savage	Powers
"	24—Georges Creek Coal Co., Inc., No. 2 Big Vein....	Lonaconing	Powers
"	26—Big Vein Coal Co. of Lonaconing, Castle Mine....	Lonaconing	Powers
"	26—Maryland Coal Company, Kingsland Mine.....	Lonaconing	Rowe
"	27—Georges Creek Big Vein Coal Co., Bivecol.....	Lonaconing	Rowe
"	31—Bridges Coal Company, Parker Mine.....	Mt. Savage	Powers
Aug.	1-8—Consolidation Coal Co., No. 17.....	Lord	Powers
"	9—Georges Creek Coal Co., Inc., No. 4 Tyson.....	Lonaconing	Powers
"	13—A. P. Hoffa Coal Co., Phoenix.....	Barton	Rowe
"	23—Consolidation Coal Co., No. 3.....	Frostburg	Rowe
"	31—Big Vein Coal Co. of Lonaconing, Pekin Mine....	Lonaconing	Rowe
Sept.	7-12—Big Vein Coal Co. of Lonaconing, Castle.....	Lonaconing	Powers
"	10—Sullivan Bros. Coal Company, No. 3.....	Frostburg	Powers
"	18—Consolidation Coal Co., No. 1.....	Ocean	Powers
"	19—Consolidation Coal Co., No. 12.....	Shaft	Powers
"	21—Potomac Fuel Co., Franklin No. 4.....	Westernport	Rowe
"	24—McNitt Coal Company, No. 2 McNitt.....	Lonaconing	Rowe
"	24—Georges Creek Big Vein Coal Co., Bivecol Mine....	Midlothian	Powers
"	25-26—McNitt Coal Company, Bowery Furnace Mine....	Midlothian	Powers
Oct.	12—Midlothian Coal Company, Midlothian.....	Midlothian	Powers
"	16—Bridges Coal Company, Parker Mine.....	Mt. Savage	Powers
"	17—Georges Creek Coal Co., Inc., No. 2 Big Vein....	Lonaconing	Powers
"	19—Nov. 13—Campbell Coal Company, Hampshire No. 3.....	Piedmont P.O.	Rowe
"	22-24—Campbell Coal Company, Hampshire No. 2.....	Piedmont P.O.	Rowe
"	26—Struby & Walbert Fuel Mine, Borden Hill.....	Frostburg	Powers
"	29—Potomac Georges Creek Big Vein Coal Company, Union No. 1-4.....	Zihlman	Powers

## TABLE OF MINE INSPECTIONS—Continued

## ALLEGANY COUNTY

## FOR CALENDAR YEAR 1934

Date	Name of Company and Mine	Location	Inspector
Nov.	6—Big Vein Georges Creek Coal Co., Bivecol.....	Lonaconing	Rowe
"	8—Georges Creek Coal Co., Inc., No. 3 Waynesburg	Lonaconing	Powers
"	9-14-16-28—Consolidation Coal Co., No. 10.....	Eckhart	Powers
"	15—Sullivan Bros. Coal Co., No. 3.....	Frostburg	Powers
Dec.	2—Consolidation Coal Co., No. 4.....	Eckhart	Powers
"	4-5—Consolidation Coal Co., No. 17.....	Lord	Powers
"	4-5—Campbell Coal Co., Hampshire No. 3.....	Piedmont P.O.	Rowe
"	10-11-13—McNitt Coal Company, Bowery Furnace Mine....	Midlotian	Powers
"	20—Consolidation Coal Co., No. 12.....	Shaft	Powers
"	24—Allegany Big Vein Coal Company, No. 1.....	Morantown	Powers
"	24—Chapman Coal Mining Co., Swanton Bakerstown	Barton	Rowe
"	26—Potomac Big Vein Georges Creek Coal Co., Potomac .....	Barton	Rowe
"	27—Jackson Big Vein Georges Creek Coal Co., Caledonia .....	Barton	Rowe

**TABLE OF MINE INSPECTIONS**  
**GARRETT COUNTY**  
**FOR CALENDAR YEAR 1934**

Date	Name of Company and Mine	Location	Inspector
Feb.	8-9-15—Manor Coal Co., No. 1.....	Vindex	Rowe
"	19-20-21—Davis Coal and Coke Company, Kempton No. 42	Kempton	Rowe
"	28—Louis Coal Company, Louis Mine.....	Jennings	Powers
Mar.	12-16—Hamill Coal & Coke Co., Six Foot Mine.....	Kitzmiller	Rowe
"	29—Louis Coal Company, Louis Mine.....	Jennings	Powers
Apr.	5-6-9—R. J. Ross Coal Mines, Inc., Frog Hollow Mine..	Piedmont P.O.	Rowe
"	23-24-25—Davis Coal and Coke Company, Kempton No. 42	Kempton	Rowe
"	27—Georgian Coal Mining Company, Georgian Mine..	Gormanian P.O.	Rowe
"	30—May 1-2—Manor Coal Company, Manor No. 1.....	Vindex	Rowe
May	24—June 4—Hamill Coal & Coke Company, Six Foot Mine....	Kitzmiller	Rowe
June	19-22-26—Davis Coal and Coke Company, Kempton No. 42	Kempton	Rowe
July	12-13—Manor Coal Company, Manor No. 1.....	Vindex	Rowe
Aug.	6—G. C. Houck Co., Stanton Mine.....	Grantsville	Powers
"	14-15-20—Davis Coal and Coke Company, Kempton No. 42	Kempton	Rowe
"	15—Louis Coal Company, Louis Mine.....	Jennings	Powers
"	27—Sept. 6—Shallmar Mining Corp., Wolf Den Mine.....	Shallmar	Rowe
Sept.	4—G. C. Houck Coal Company, Stanton Mine.....	Grantsville	Powers
"	5-7—Hamill Coal & Coke Company, Six Foot Mine....	Kitzmiller	Rowe
"	17—Georgian Coal Mining Corp., Georgian Mine....	Gormanian P.O.	Rowe
"	18-20—Hamill Coal and Coke Company, Freeport Mine..	Kitzmiller	Rowe
"	27—Louis Coal Company, Louis Mine.....	Jennings	Powers
Oct.	25-29 and		
Nov.	5-6—Manor Coal & Coke Company, Manor No. 1.....	Vindex	Rowe
Nov.	7-9—Hamill Coal & Coke Company, Six Foot Mine....	Kitzmiller	Rowe
Dec.	10-11-12—Davis Coal and Coke Company, Kempton No. 42	Kempton	Rowe
"	17-21—Hamill Coal and Coke Company, Freeport Mine..	Kitzmiller	Rowe
"	27—McCullough Coal Corporation, McCullough.....	Friendsville	Powers

**FATAL ACCIDENTS—1934****ALLEGANY COUNTY**

On February 9, 1934, about 11:15 A. M., Everett E. Springer, a laborer employed at the Hampshire Mine of the Campbell Coal Company, working the Bakerstown coal seam, was fatally injured by a runaway trip on outside plane while waiting for a loaded trip to land. Death occurred on February 10, 1934.

Due to a broken flange on the loaded trip, the loads were derailed which ran into an empty trip on "Y"; the end-gate of first empty was raised which pulled the coupling pin, allowing two empties to run back down incline plane.

Time of Accident—February 9, 1934, about 11:15 A. M.

Time of Death—February 10, 1934.

Name of Injured—Everett E. Springer.

Nationality—American

Age—?

Married or Single—Married.

Number of Dependents—Widow and eight children.

Residence—Westernport, Md.

Inspector in Charge of District—Clyde J. Rowe.

Superintendent—William Rogan.

Time of Inspection and by Whom—February 10, 1934, by Inspector Rowe.

**RECOMMENDATION**—Installation of safety rope, derail switches, and the changing of weigh office to the other side of track.

On February 10, 1934, at 11:00 A. M., Mr. Charles Custer, a miner employed in the mine operated by J. O. J. Green, working the Bakerstown coal seam, was injured by a fall of bone, death occurring on April 13, 1934, as a result of the injuries.

The first ply of roof bone had not been taken down or timbered across the entire face about 5-ft. up. The victim was under this bone shoveling out coal when it fell on him. The place was very poorly timbered.

Time of Accident—February 10, 1934, 11:00 A. M.

Time of Death—April 13, 1934.

Name of Injured—Charles Custer.

Nationality—American.

Age—66 years.

Married or Single—Married.

Dependents—None.

Residence—Morrison.

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

Mine Foreman—Elbert Green.

Time of Inspection and by Whom—C. J. Rowe and Elbert Green.

**RECOMMENDATION**—This accident occurred in a wagon mine working less than ten men. The foreman reports that victim resented instructions and he did not have authority to enforce them.

(Note): This is a small wagon mine not subject to Maryland Bureau of Mines inspection.



On March 26, 1934, about 10.15 A. M., Mr. Daniel Clark, a fire clay miner employed by the Union Mining Company, Mt. Savage, Maryland, was killed by a fall of breast clay while drilling holes in the breast of clay, in the main dip heading.

The victim was working with Mr. Melvin Yutzky and his son, Albert Clark. They were loading a car with clay and Daniel Clark was drilling holes in the breast with an air-drill and was boring his second hole when a large piece of clay fell killing him instantly. According to the statements made by the men who worked in the place, they had taken down all the loose clay and had about ten or fifteen tons of clay shot down and Mr. Clark was drilling the holes for another round of shots when the fall came. It was almost impossible to detect the slip in the breast, commonly called a back slip. The height of the seam was about 10-ft. the width of the place 8-ft. in the top and 12-ft. in the bottom and according to the statements of Mr. Finzel, the Superintendent of the Mine, was pitching down grade about 30°.

Time of Accident—March 26, 1934, 10.15 A. M.

Date of Death—March 26, 1934.

Name of Injured—Daniel Clark.

Nationality—American.

Age—48 years.

Married or Single—Married.

Number of Dependents— ?

Residence—Finzel.

Inspector in Charge of District—Frank T. Powers.

Mine Foreman—William Baker.

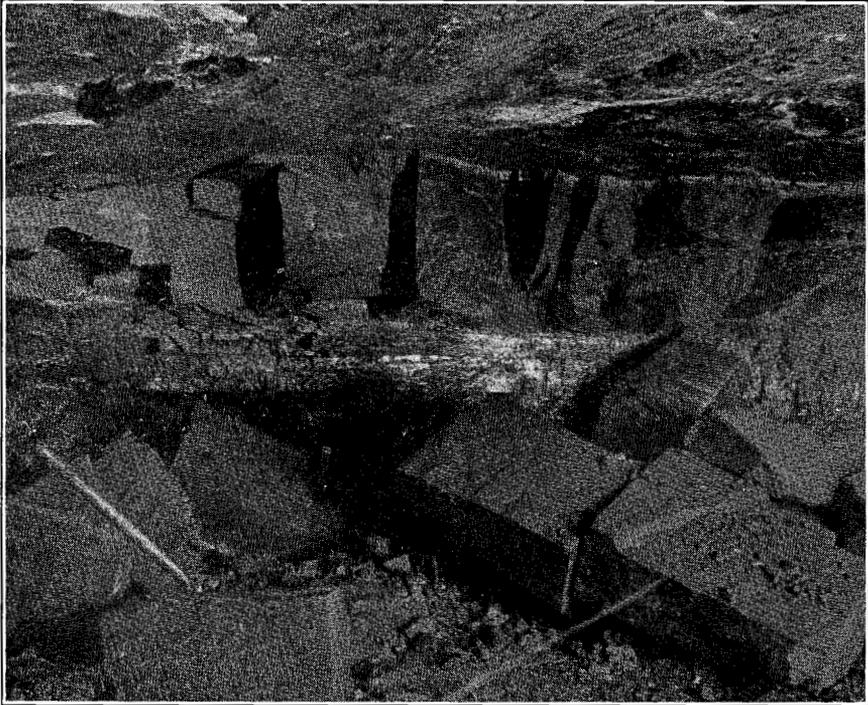
Time of Inspection and by Whom—March 27, 1934, 7.30 A. M. by Frank T. Powers, Joseph Finzel, Supt., and William Baker.

**RECOMMENDATION**—To see that all loose clay be taken down before drilling the next round of holes.

(Note): This is a fire clay mine and is not subject to Maryland Bureau of Mines inspection.

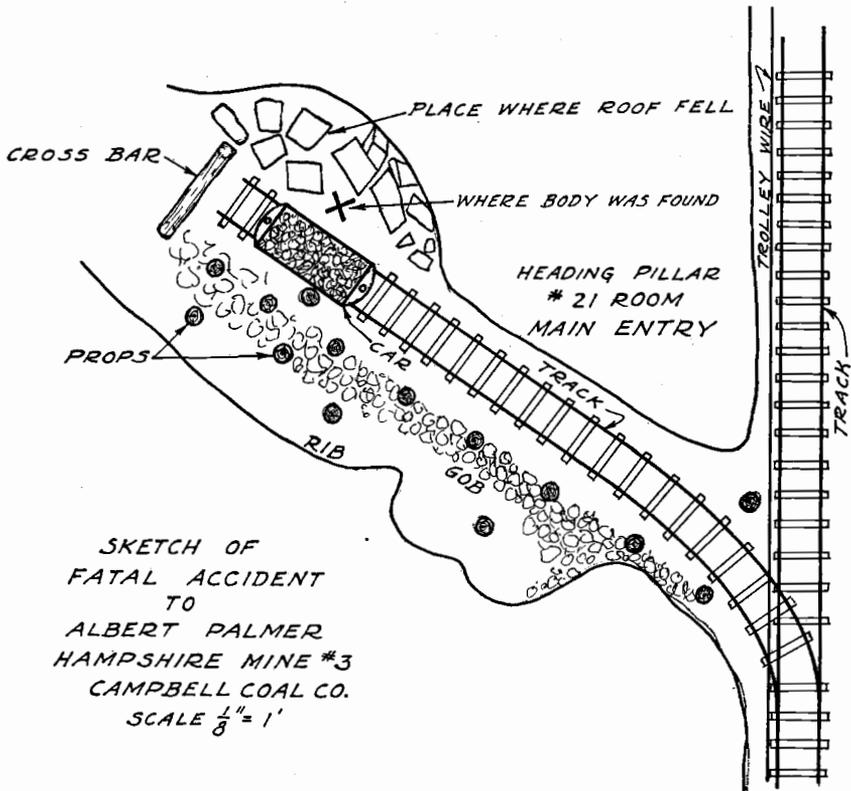
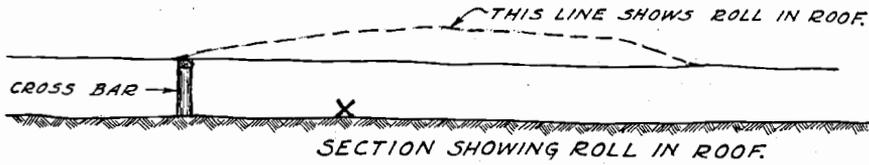


Fatal accident scene of Daniel Clark, killed in Fire Clay Mine,  
Union Mining Co., March 26, 1934.



Scene of fatality to Albert Palmer, killed September 28, 1934,  
Hampshire Mine, Campbell Coal Co.

On September 28, 1934, about 10.30 A. M., Mr. Albert Palmer, a miner employed by the Campbell Coal Company, Hampshire Mine, working the Bakertown coal seam, was killed by a fall of rock in Heading Pillar No. 21 room off Main.



The victim and his buddy, Raymond Barnes, had started to take out the heading pillar on the morning of the 28th. About 2-ft. of rock had been taken down in the roadway in the room. They were working and loading on the right side of the track. They had loaded two cars and were digging coal for their third

car and had worked under this 2-ft. of rock between three and four feet when this roof rock fell. No timber had been set under this rock. This rock was undoubtedly loose when these men started to work.

Time of Accident—September 28, 1934, about 10.30 A. M.  
Date of Death—September 28, 1934.  
Name of Injured—Albert Palmer.  
Nationality—American.  
Age—36 years.  
Married or Single—Married.  
Number of Dependents—Widow and 4 children.  
Residence—Barton.  
Inspector in Charge of District—C. J. Rowe.  
Mine Foreman—Joseph Robertson.  
Time of Inspection and by Whom—C. J. Rowe and Joseph Robertson.

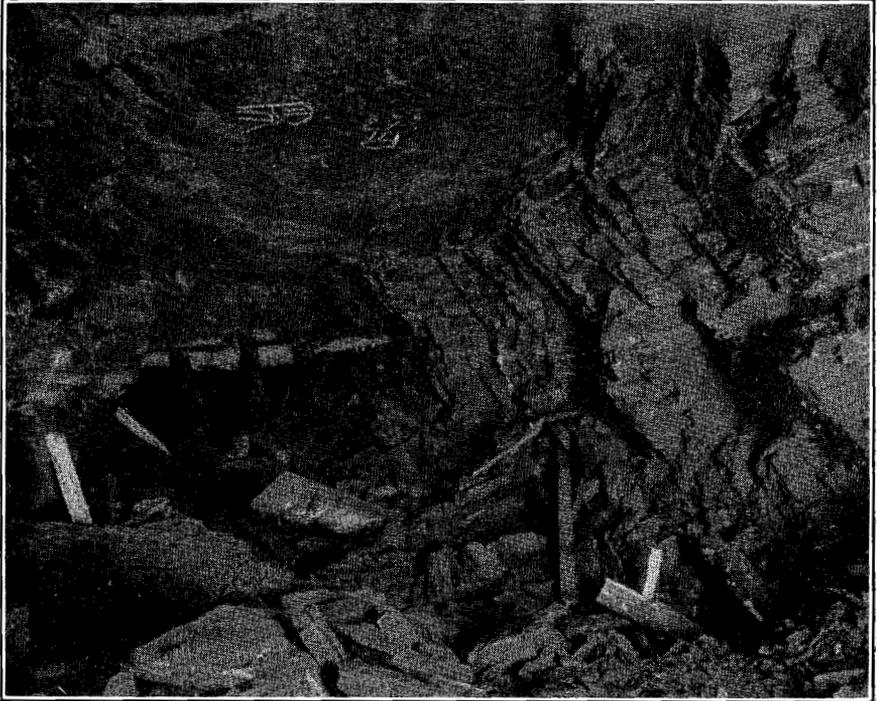
RECOMMENDATION—All overhanging ledges of rock or bone must be supported by sufficient timber.

(Note): Even a single prop, had it been set, would have prevented this accident. This is the first fatal accident occurring underground in this mine since it was opened in 1916.

On November 16, 1934, about 12.10 P. M., Mr. Edward Jenkins, Mine Foreman, Mr. W. H. R. Thomas and Mr. John Whiteman, assistant foreman, employed in the Bowery Furnace Mine of McNitt Coal Company, working the Tyson seam of coal, located at Midlothian, Md., were instantly killed by a fall of roof rock, while extending a side-track switch in 2nd South Heading. Other men who were working with the deceased men were Mr. James Jenkins, Superintendent, Mr. Joseph Horton, Electrician, Mr. Henry Glime, laborer, and Mr. Simeon Whiteman, laborer. They had just walked out from under where the fall occurred to eat their lunch.

It appears that the three foremen remained to talk over some matter after the other men stopped for lunch, as some of the men testified at the hearing that the last thing they saw was Mr. Edward Jenkins and Mr. Thomas standing along the right-hand rib talking, and Mr. Whiteman was over towards the left rib sounding the roof.

Forty-pound steel rails were used for cross-bars where the fall occurred and some 6x6 timbers had been removed on account of dry-rot and the steel bars were hitched in the rib rock, some having very little hold in the rock; 3x10 wood lagging 10-ft. long was left in place when the steel rails were set. It is possible that some of this long lagging had extended over the steel bars and if the ends were not supported could have acted as a lever



Disaster of November 16, 1934, McNitt Coal Co., Midlothian Mine,  
Victims were Edward Jenkins, W. H. R. Thomas, John Whiteman.

to turn out the steel bars when the weight came on them, as it is evident that all of the bars were bent sideways and none of them was found broken. No wooden bars were found under the fall and five steel rails were found bent sideways, apparently after turning out by the fall.

No testimony was offered to show that the place was considered dangerous before the fall occurred, and the men who were killed in the accident were the officials in charge of the daily operation of the mine, and all were experienced mine foremen and some of them would have surely detected the dangerous condition if it were possible to do so.

The length of the fall was 30-ft., the width of the place was 10-ft., the thickness of the rock was from 2-ft. to 2-ft. 6-in.

#### STATISTICS OF ACCIDENT

Inspector in Charge of District—Frank T. Powers.

Time of Inspection and by Whom—November 16-24, 1934, by Frank T. Powers, J. J. Rutledge, Chief Mine Engineer, C. J. Rowe, District Mine Inspector, and William Jenkins, official of the Company.

Time of Accident—November 16, 1934, about 12.10 P. M.

Time of Death—Instantly.

Name of Injured—Edward Jenkins.

Nationality—American.

Age—57 years.

Married or Single—Married.

Number of Dependents—?

Residence—Frostburg, Md.

Name of Injured—William H. R. Thomas.

Nationality—American.

Age—62 years.

Married or Single—Widower.

Number of Dependents—?

Residence—Frostburg, Md.

Name of Injured—John Whiteman.

Nationality—American.

Age—38 years.

Married or Single—Married.

Number of Dependents—Widow and 5 children.

Residence—Lonaconing, Md.

**RECOMMENDATION**—It is apparent that steel rails will not do as cross-bars in coal mines under any condition as they give no warning and become crystallized after use in mine track. They also turn out very easily when any weight comes on them.

Inasmuch as this accident is the most serious disaster in the history of the Maryland Bureau of Mines, it has been thought advisable to publish a resume of the investigation. It is worthwhile to state in connection with this matter that since its organi-

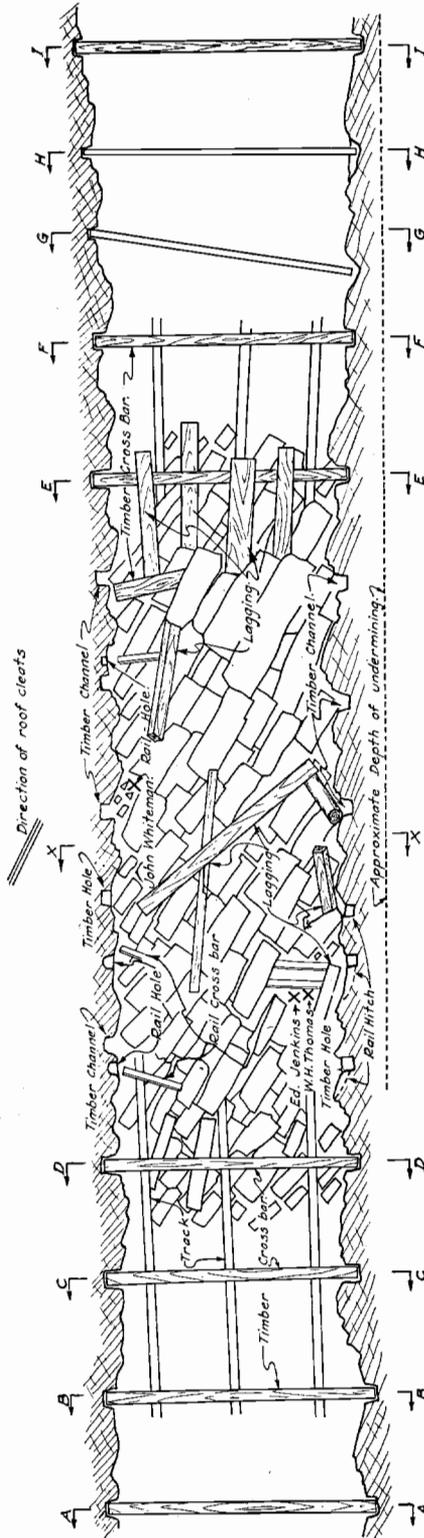


Fig 1. Sketch showing details of roof fall accident - Bowers Furnace Mine.

zation the Bureau has published annual reports giving the details of all fatal and non-fatal accidents.

With respect to fatal accidents, the District Mine Inspectors make investigations of the circumstances surrounding such accidents and also summon witnesses, and take the sworn testimony of all persons having any knowledge of the accidents and at the conclusion of such investigations, the Inspectors make recommendations for avoiding similar accidents in the future.

Such an investigation was held in the above mentioned accident. The officials and employes of the McNitt Coal Company, having knowledge of the accident and the conditions surrounding it, testified freely and willingly. Both District Mine Inspectors and the Chief Mine Engineer conducted the examination.

The conclusions are based on the evidence given at the Inspectors' hearing and on observations made by representatives of the Maryland Bureau of Mines at the scene of the disaster.

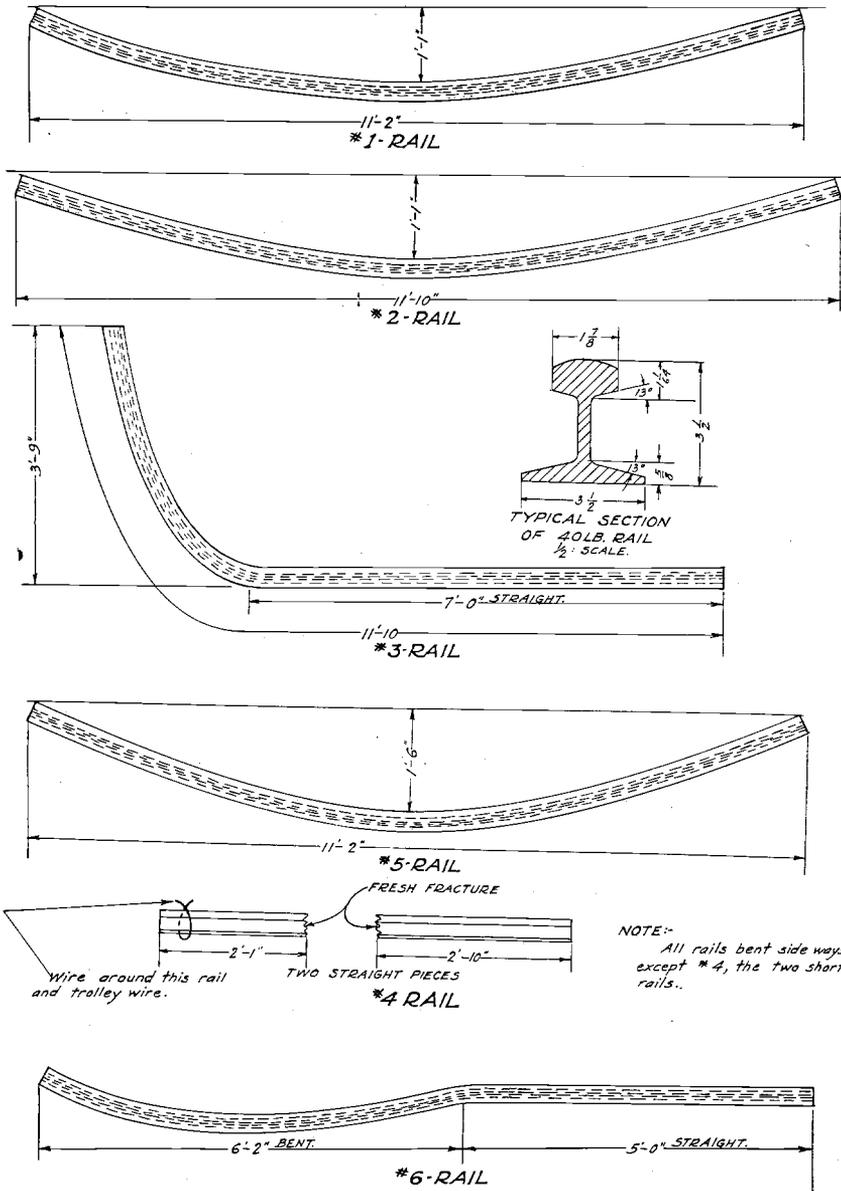
#### *Details*

A party of men composed of the deceased, and Mr. James Jenkins, Mine Superintendent, Mr. Simeon Whiteman, laborer, Mr. Henry Glime, laborer, and Mr. Joseph E. Horton, electrician, were at work in the Second South Entry, and were engaged in extending a side track which was laid at the place where the fall occurred. Mr. Whiteman and Mr. James Jenkins were engaged in fixing a bolt on the frog of the switch and Mr. Ed. Jenkins had just arrived from a tour in another part of the mine workings. Mr. James Jenkins, immediately after Mr. Ed. Jenkins' arrival, went a short distance away to get some water for his carbide lamp. Mr. Ed. Jenkins had just called for a wrench to screw up the bolts on the switch frog and Mr. Thomas stated that he knew there was one on a car a short distance outbye the point where the fall occurred.

Immediately after the accident occurred, a number of mine employes arrived at the scene and quickly extricated the bodies of the deceased. Soon after 1.00 P. M. all of the bodies were out of the mine.

#### *Conditions Surrounding the Accident*

The Bowery Furnace Mine was formerly owned and operated by the Piedmont and Georges Creek Coal Company. The McNitt Coal Company took a lease on this property in October, 1932,



THE CONDITION OF THE STEEL T-RAIL CROSS BARS AFTER FALL OCCURRED. BOWERY FURNACE MINE, NOVEMBER 16, 1934.

and began to ship coal in August, 1933. Meantime, the McNitt Coal Company made some repairs to the timbering on the main slope and in another part of the mine. Just outbye the point where the accident occurred, the roof had been brushed to a height about 5-ft. up to a solid stratum of rock. At this place the bottom also had been lifted to a depth of 5-ft. or 6-ft. in order to improve the grade at that point. The entry thus improved had originally been timbered with 6x6 Pine cross-bars set on round prop legs and the 6x6 cross-bars were lagged with 3"x10"x10' Pine planks, running lengthwise of the entry. This timbering was done in a workmanlike manner and was substantial. It is understood that this work on the heading and the timbering above described, was done in 1931.

An examination of such pieces of timbering as were available after the accident, especially the Pine cross-bars, showed that they had experienced considerable dry-rot, probably as a result of the mine being idle and unventilated for the several months before it was taken over by the McNitt Coal Company, and while the Piedmont and Georges Creek Coal Company was in the hands of a Receiver.

Presumably, at the point where the fall afterwards occurred, the roof was timbered originally with the 6x6 cross-bars, but the roof over this parting was lower than that portion of the entry immediately outbye the parting. Apparently, in the work of re-timbering, the McNitt Coal Company officials noted the rotting of the Pine cross-bars and substituted therefor 40-lb. T-iron railroad rails. Probably these bars were thought to be stronger than the Pine cross-bars, and, as they took up less space than the Pine cross-bars, the 40-lb. steel rails were used to replace the Pine cross-bars. The steel rails were "needled" or hitched into the ribs on each side of the haulway. The haulage-way at this point was approximately 10-ft. wide and possibly 5-ft. to 6-ft. high. It was impossible to say definitely the exact original height, after the fall had occurred. Under some of the ends of the steel rails short props from 2-ft. to 3-ft. in length had been placed in lieu of the hitches. This was done at points where it was not possible to make hitches. There was 3"x10"x10' wooden lagging over the T-rail cross-bars.

After the fall occurred, an inspection of the scene developed that the solid rock about 8-ft above the fall was quite moist, and apparently that portion of the roof which had broken way had been parted from this high rock for some time and had been

resting on the steel timbers. The shale or slate roof which fell varied in thickness from two to two and one half feet.

On the left hand rib the shale roof showed some iron-stained streaks as if water had percolated from the hard rock roof above down through the shale on this left rib. On the right hand rib, at the point where the fall had broken away, there were very pronounced jointings running into the rib, making an angle from 8 to 10° with the course of the entry. These joints dipped at an angle of about 60° with the vertical and from 8 to 10° to the right of the course of the entry, and undoubtedly these jointings had a very material effect in causing the fall. It could not be known that these joints, or slips, or so-called "cutters", existed before the fall occurred, as they were not observable until after the fall took place, and it may possibly have been, though not probable, that a few of the props may have been slightly disturbed, and this may have induced the fall. It was necessary to use wooden bars to support the hangers for the trolley wire, hence there may have been some wooden bars at the point where the fall occurred, though when the fall was cleaned up the inspectors did not find any such wooden bars. However, there were wooden bars inbye the fall. The long wooden lagging did not always have their ends on a bar, where they came together, and the fall may have occurred over the point where the joints in the lagging were made, and this may have started the fall, and the pressure from the right-hand rib, where the joints in the rib rock had undoubtedly previously opened, led to a swinging of the entire mass of roof as a whole towards the left rib. That this is probably the case is shown by the condition in which the steel bars were found when the fall was loaded out.

The T-iron rail had been obtained on the property and apparently had been used in the tracks on the surface about the mine. These rails had not been obtained elsewhere, and certainly were not procured from the electric street railway on the Georges Creek Boulevard, which railway had been abandoned during recent years. All of these rails which had been used for bars varied in length from 11-ft. 1-in. to 11-ft. 10-in.

Rail No. 1, which was the first one on the outbye end of the fall, was of 40-lb. steel, bent across the ball of the rail; that is, bent as a rail would be bent if laid in a track. This piece was 11-ft. 2-in. in length and had been bent in such a shape that the middle ordinate of the chord was 1-ft. 1-in. in length. This rail showed no signs of fracture.

Rail No. 2, which was the second one found going inbye the fall, as the fall was cleaned up, was 11-ft. 10-in. bent in the shape of a crescent and the ordinate of the middle chord was 1-ft. 1-in. in length. There were no signs of a fracture and the rails had not been recently cut.

Rail No. 3 was 11-ft. 10-in. in length and was bent as it would be bent if it had been intended for laying in a railroad track, and the straight portion of the rail was 7-ft. in length and the curved portion 4-ft. 10-in. in length. The curved portion was bent up above the rest of the rail a distance of 3-ft. 7-in. The wooden lagging had been cut into by this rail to a depth of  $\frac{3}{4}$ -in. Clearly this rail had been forced against the solid left rib by the pressure coming from the right rib and the condition of this rail is one of the main reasons for saying that the fall started on the right rib.

Rail No. 4 consisted of two straight pieces of 40-lb. T-iron rail, the one next to the left rib going inbye was 2-ft. 1-in. long with a fresh fracture. The piece was straight without any bending. This piece was found lying directly on the bottom and matched up with another short piece, presently to be described.

A piece of 3 or 4-strand wire was found wound around this piece and the cut trolley-wire; this had evidently been put there to hold the trolley wire up after the trolley wire had been cut, before the fall took place. Had this not been the case the power on the trolley would have burned out the piece of strand wire. Another short piece of rail, 2-ft. 10-in. in length, was found under the fall near the other short piece.

No. 5 bar was a 40-lb. T-iron rail 11-ft. 2-in. long, bent in a crescent shape very evenly, the ordinate being 1-ft. 6-in. long.

No. 6 bar was 40-lb. steel rail 6-ft. 2-in. bent; remainder straight. There were only six rails and the short pieces found under the fall. A short piece of rail 6-ft. long was found on top of the fall. This short piece was found where the bodies of Mr. Thomas and Mr. Jenkins were found. This did not match the short pieces found under the fall.

One of the criticisms frequently of the conditions in this mine after the accident was that the steel railroad iron used for supporting the roof had crystalized and that this was the main contributing cause of the accident. With the exception of the two (2) short pieces of rail above referred to, all of the rails which had been used for cross-bars were found to be bent from the stress induced during the fall of the roof, and none had been broken from the strain. This effectually disposes of the charge

that the rails had been crystalized as the short pieces were not part of a bar.

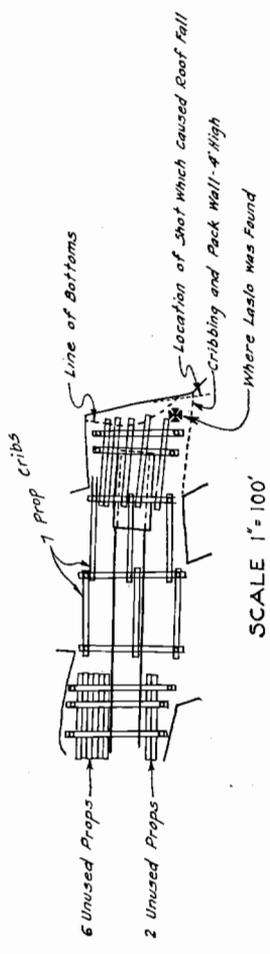
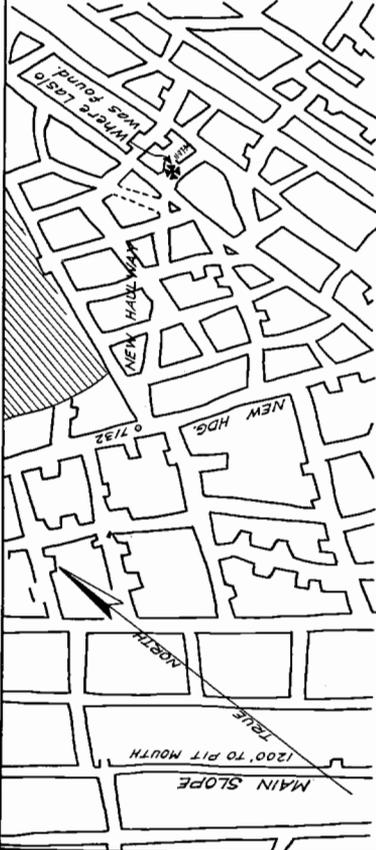
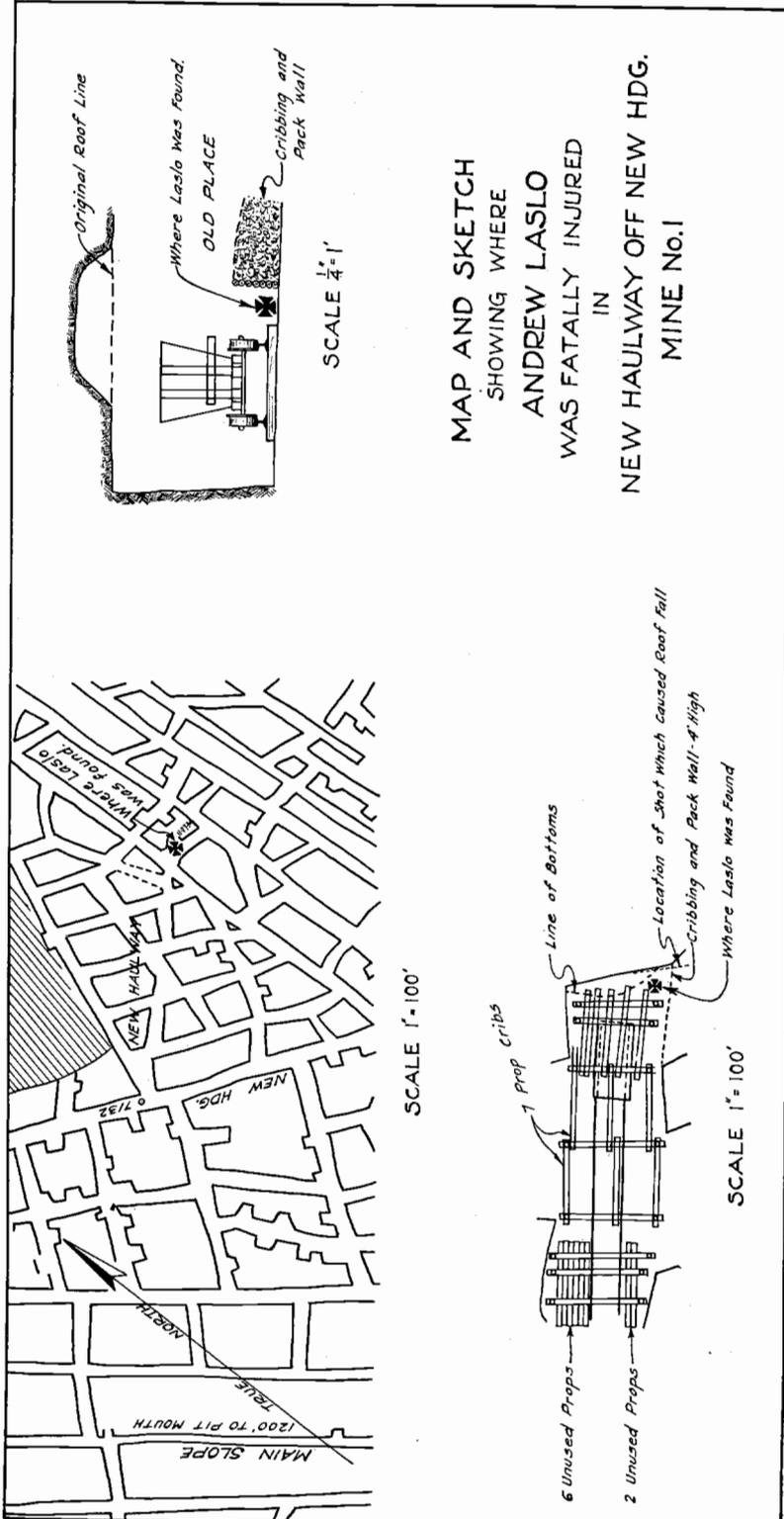
The width of the entry where the fall took place was approximately 10-ft. Mr. James Jenkins testified that they were extending the lye under the point where the fall occurred in order to take care of from 20 to 24 cars. They were also intending to raise the wire to avoid burning the rope. The rope would come in contact with the trolley wire under this low point in the roof where the fall occurred. The fall was approximately 30-ft. long. The clearance was on the right-hand side.

No wooden bars whatever were found under the fall. All the steel bars were either hitched into one or both ribs or had one end supported on short pieces of prop.

The fall was entirely cleaned by the morning of November 23. The clearance in this heading is on the right-hand side, or on the rib where the jointing, which had a material part in causing the fall, existed. A shallow overcutting of coal had been started over the coal on the right rib at the parting at a point 18-ft. from the outbye edge of the fall and inbye to the inbye end of the fall. This over-cutting in the middle portion was 20-in. deep and tailed out to 5-in. deep at each end. However, the rock rib did not appear to be broken and it is not probable that this over-cutting had any effect in causing the roof to fall. The management realized that it was necessary to get the clearance on this rib, hence they arranged to take coal off this rib after the switch had been extended. If the lower portion of the roof, which eventually fell, had parted from the hard rock above, and apparently this had been the case, and the joints on the right rib had opened, there would have been a dead weight resting on these T-iron rail bars. Any slight movement or jar would have caused this mass of roof material to move towards the left rib and to fall without any warning. Had there been fresh wooden timbering, there would have been some warning given by the fracture of these timbers.

The evident plan of operation had been to take a certain portion of this roof down over this lye in order to afford room enough to prevent the tail-rope from coming in contact with the trolley wire and thus burning the rope.

All of the deceased, in fact all of the men engaged in the work, were experienced men and had spent their working life-time in the mines. Their judgment was good and undoubtedly they thought that the roof was safe enough to work under.



The pillaring of the Big Vein seam beneath, some years ago, may have had some effect on inducing this fall in the Tyson seam.

All the important mine officials concerned with the operation of the Bowery Furnace Mine and who were best informed as to mining conditions in this mine, are dead. The men concerned in the accident, both the deceased and the survivors, were thoroughly experienced in the workings of this and other mines and their judgment should have been good.

On November 26, 1934, about 6.30 P. M., Mr. Andrew Laslo, Sr., a miner employed on the night shift at No. 1 Mine, The Consolidation Coal Company, Ocean, Md., working the Big Vein coal seam, was injured by a fall of roof coal, and died about five hours later in the Miners' Hospital, Frostburg, from shock.

Mr. Laslo was about to fire a shot in the bottom coal and had bored the hole and crossed in the rear of the car that was in the place to get the tamping bar and needle and was returning from the right side of the place to the left in the rear of the car, when the top coal fell catching him. The size of the fall was about 4-ft. long and 3-ft. wide and about 22-in. thick. He was working with Mr. William Stevenson, William Donald and Alex. Donald. Mr. William Donald ran for help after the fall occurred and met Mr. Felix Foote, the night foreman, coming in the place at the trap-door off the main slope.

From the size of the fall it appears that the men working with Mr. Laslo became excited, as they could have removed the fall in a short time, but they were afraid of another fall, and when Mr. Foote, the foreman, arrived, they built a crib over Mr. Laslo to protect him in case another fall came, and it was about one hour and fifteen minutes before Mr. Laslo was removed from under the fall. From the investigation it appears that poor judgment was exercised in getting this man out from under the fall.

Time of Accident—November 26, 1934, about 6.30 P. M.

Time of Death—November 26, 1934, about 11.30 P. M.

Name of Injured—Andrew Laslo, Sr.

Nationality—Hungarian.

Age—70 years.

Married or Single—Married.

Number of Dependents—Widow.

Residence—Midland, Md.

Inspector in Charge of District—Frank T. Powers.

Mine Foreman—Felix Foote.

Time of Inspection and by Whom—November 26, 1934, about 10.30 P. M. by Frank T. Powers, R. L. Edwards, Supt., and John Smouse, Day Foreman.



fell caused it to crush the pelvis bone and fracture several ribs on the left side which punctured the lung.

Time of Accident—January 4, 1934, 2.15 P. M.

Time of Death—January 7, 1934.

Name of Injured—Earl Harvey.

Nationality—American.

Age—19 years.

Married or Single—Single.

Number of Dependents—None.

Residence—Near Table Rock.

Inspector—Clyde J. Rowe.

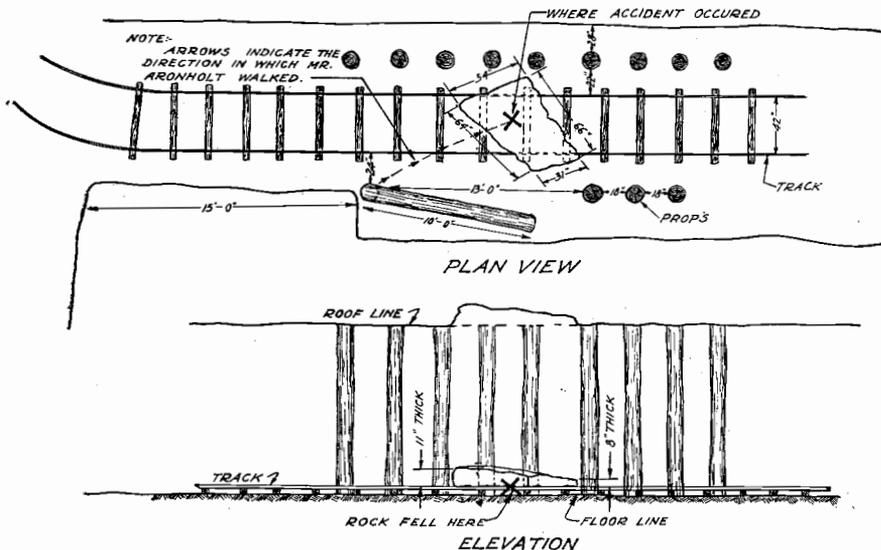
Mine Foreman—C. J. Hanft.

Time of Inspection and by Whom—January 9, 1934, 12.00 noon, by Inspector Rowe and C. J. Hanft.

RECOMMENDATION—That top coal be left up for roof as the draw rock is dangerous and cannot be properly inspected.

(Note): This is a small wagon mine and is not subject to the Maryland Bureau of Mines inspection.

On February 16, 1934, at 12.20 P. M., Mr. Frank Arnholt, a miner employed in the Wolf Den Mine of the Shallmar Mining Corporation, working the Kittanning coal seam, was killed by a



SKETCH SHOWING  
FATALITY TO FRANK ARNHOLT.  
SHALLMAR MINING CORP.

SHALLMAR, MD.

FEBRUARY 16, 1934

SCALE  $\frac{1}{4}$ " = 1'-0"

fall of rock in a heading pillar, 8th butt, 2nd panel, and died the same day.

The victim and his buddy were breaking off a new place in the heading pillar, loading on heading track; they had been setting a cross-bar at the working face and victim started across entry track when a large piece of rock fell on him.

Time of Accident—February 16, 1934, 12.20 P. M.

Time of Death—February 16, 1934.

Name of Injured—Frank Arnholt.

Nationality—American.

Age—35 years.

Married or Single—Married.

Number of Dependents—Widow and 4 children.

Residence—Shallmar, Md.

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

Mine Foreman—Jos. B. James.

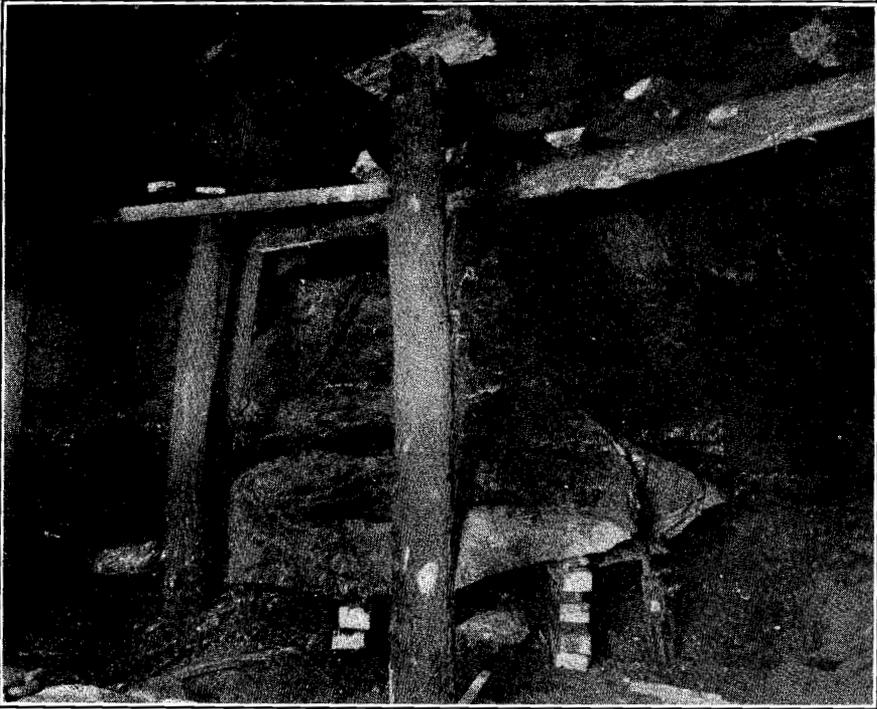
Time of Inspection and by whom—10.00 A. M., February 17, 1934, by C. J. Rowe and J. B. James.

**RECOMMENDATION**—A change should be made in work of this character, that either a rock and timber crew do this kind of work, or, if miners are called upon to do it, that it be completed under the supervision of a competent man before any coal is loaded.

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On February 28, 1934, about 4.45 P. M., Mr. Woodrow Beavers, a machine helper employed in the Frog Hollow Mine of R. J. Ross Coal Mines, Inc., (Carroll Pattison, Receiver), working the Bakerstown coal seam, was instantly killed by a fall of roof rock, in the face of butt heading off main heading.

The victim was helping his father cut coal and had about completed this place, working at the rear end of the machine, when the roof gave way and a piece of rock measuring about 8-ft. wide and 8-ft. long and 3-ft. thick, fell catching him. His father, Mr. Ralph Beavers, was very seriously injured by the same fall. The last prop to the face of the place was 9-ft.; the machine had a six-foot cutter-bar and had just about completed cutting. According to the testimony given at the hearing, held in the office of District Mine Inspector C. J. Rowe, March 8, 1934, a fall of rock occurred in this place on February 27th, 1934, extending from the face outby for about 30-ft. The day shift, after cleaning up the rock, loaded a few cars of coal before the machine-men came in to cut the place on the night shift on February 28, 1934. Twenty-four mine cars were loaded with rock out of the fall that occurred on the 27th.



Fall of roof rock which caused fatality in the R. J. Ross Coal Co.,  
Frog Hollow Mine, Feb. 28, 1934. Victim—Woodrow Beavers

Time of Accident—February 28, 1934, about 4.45 P. M.

Time of Death—Instantly.

Name of Injured—Woodrow Beavers.

Nationality—American.

Age—21 years.

Married or Single—Single.

Number of Dependents—None.

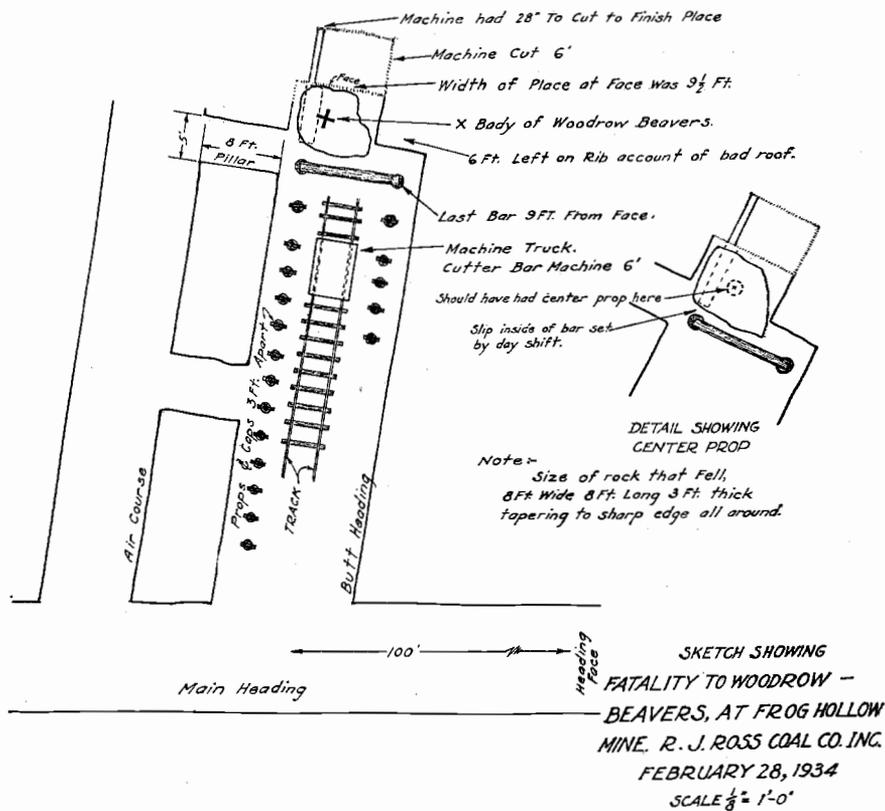
Residence—Westernport, Md.

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

Mine Foreman—R. L. Kight.

Time of Inspection and by Whom—March 1, 1934, 9.30 A. M., by District Mine Inspector Frank T. Powers and R. L. Kight.

**RECOMMENDATION**—Proper supervision should be made on the night shift and a rigid rule established in regards to the center prop be set. If a center prop had been set in this place, it is probable the accident could have been avoided.



**COMPENSATION AWARDED FOR FATALITIES  
DURING YEAR 1934  
ALLEGANY COUNTY**

Date Injured	Victim	Company Where Employed	Direct Sum	Funeral	Miscellaneous	Total Sum Awarded
Feb. 9, 1934	Everett E. Springer	Campbell Coal Co.	\$4,646.72	\$125.00	.....	\$4,771.72
Feb. 10, 1934	Charles Custer	J. O. J. Green	5,000.00	125.00	.....	5,125.00
Mar. 26, 1934	Daniel Clark	Union Mining Co.	5,000.00	125.00	.....	5,125.00
Sept. 28, 1934	Albert Palmer	Campbell Coal Co.	3,328.00	125.00	.....	3,453.00
Nov. 16, 1934	Edward Jenkins	McNitt Coal Co.	5,000.00	125.00	.....	5,125.00
Nov. 16, 1934	W. H. R. Thomas	McNitt Coal Co.	1,250.00	125.00	5.00	1,380.00
Nov. 16, 1934	John Whiteman	McNitt Coal Co.	5,000.00	125.00	.....	5,125.00
Nov. 26, 1934	Andrew Laslo, Sr.	Consol. Coal	4,788.16	125.00	.....	4,913.16

**GARRETT COUNTY**

Date Injured	Victim	Company Where Employed	Direct Sum	Funeral	Miscellaneous	Total Sum Awarded
Jan. 4, 1934	Earl Harvey	C. J. Hanft		No Insurance		
Feb. 16, 1934	Frank Arnholt	Shallmar Min. Corp.	\$3,423.68	\$125.00	.....	\$3,548.68
Feb. 28, 1934	Woodrow Beaver	R. J. Ross Coal Mines	3,000.00	125.00	.....	3,125.00
Total Amount of Awards made for year.....			\$40,436.56	\$1,125.00	\$5.00	\$41,691.56

**FATAL ACCIDENTS—**

Date	Name of Person Injured	Occupation	Age	Name of Company
Feb. 9	Everett E. Springer	Laborer	?	Campbell Coal Company
Feb. 10	Charles Custer	Miner	66	J. O. J. Green
Mar. 26	Daniel Clark	Fire clay miner	48	Union Mining Company (clay)
Sept. 28	Albert Palmer	Miner	36	Campbell Coal Company
Nov. 16	Edward Jenkins	Mine Foreman	57	McNitt Coal Company
Nov. 16	W. H. R. Thomas	Asst. Foreman	62	McNitt Coal Company
Nov. 16	John Whiteman	Asst. Foreman	38	McNitt Coal Company
Nov. 26	Andrew Laslo	Miner	70	Consolidation Coal Company

**FATAL ACCIDENTS—**

Date	Name of Person Injured	Occupation	Age	Name of Company
Jan. 4	Earl Harvey	Miner	19	C. J. Hanft
Feb. 16	Frank Arnholt	Miner	35	Shallmar Mining Corporation
Feb. 28	Woodrow Beavers	Mch. Helper	21	R. J. Ross Coal Mines, Inc.

**ALLEGANY COUNTY, 1934**

Married or Single	No. in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Married	9	American	Westernport, Md.	Runaway trip on outside plane.
Married	....	American	Morrison, Md.	Fall of bone coal.
Married	....	American	Finzel, Md.	Fall of breast clay.
Married	5	American	Barton, Md.	Fall of rock.
Married	....	American	Frostburg, Md.	Fall of roof rock.
Widower	....	American	Frostburg, Md.	Fall of roof rock.
Married	6	American	Lonaconing, Md.	Fall of roof rock.
Married	1	Hungarian	Midland, Md.	Fall of roof coal.

**GARRETT COUNTY, 1934**

Married or Single	No. in Family	Nationality	Residence	Cause of Accident, Nature and Extent of Injury
Single	....	American	Nr. Table Rock, Md.	Fall of draw rock.
Married	5	American	Shallmar, Md.	Fall of rock.
Single	....	American	Westernport, Md.	Fall of roof rock.

### NAMES OF OFFICIALS, ALLEGANY COUNTY, CALENDAR YEAR 1934

Name of Company	Principal Office	President's Name and Address	Secretary	Superintendent
Aden Coal Company Allegheny Big Vein Coal Co. Bald Knob Fuel Company	Westernport, Md. Mt. Savage, Md. Mt. Savage, Md.	Aden Campbell Operated by Chas. F. Winner and Harry Gaughan		Mervin Uhl Chas. F. Winner
Barnes, Henry S. Bennett, C. C. Beuson, D. A. Big Vein Coal Co. of Lonaconing, Inc.	Midlothian, Md. Frostburg, Md. Zihlman, Md. Lonaconing, Md.	A. K. Althouse, 12 S. 12th St., Philadelphia, Pa.	W. D. Althouse	J. L. Casey
Brennen, E. R. & Sons Bridges Coal Company Campbell Coal Company M. J. Campbell's Fuel Mine Chapman Coal Mining Co.	Barton, Md. (Box 195) Mt. Savage, Md. Piedmont, W. Va. Midland P. O., Md. Sharpe and Lombard Sts., Baltimore, Md.	Patrick Bridges Thos. Campbell Horace Isaac, Baltimore, Md.	J. Lee Chapman	E. R. Brennen Raymond Bridges William Rogan M. J. Campbell E. M. Ashby
Clark Bros. Consolidation Coal Co. (Robt. C. Hill and L. S. Zimmerman, Trustees) Daly Coal Company Diehl, John F. Eagen, Charles J. Erick Coal Co. Engle & Sons, Vincent H. G. Evans Franklin Coal Co. Frostburg Mining Company Georges Creek Big Vein Coal Co.	Barton, Md. 30 Rockefeller Plaza, New York City Westernport, Md. Mt. Savage, Md. Midland, Md. Mt. Savage, Md. Eckhart, Md. Frostburg, Md. Westernport, Md. Frostburg, Md. Lonaconing, Md.	Operated by Lionel and Earl Clark Robert C. Hill, Acting President and Chairman of Board Thomas Dalley John F. Diehl	C. E. Beachley	B. H. McCracken, Div. Mgr., Frostburg, Md.
George's Creek Coal Co., Inc. Green Coal Mining Co. J. O. J. Greene Griffith, Robert A. P. Hoffa Coal Company Howard & Maybury Jackson Big Vein Geo. Creek Coal Co.	Cumberland, Md. Barton, Md. Westernport, Md. Barton, Md. Piedmont, W. Va. Lonaconing, Md.	Vincent Engle H. L. Sutherland Frank H. Spates James E. Darrow, Box 355, Lonaconing, Md. Carl E. Hetzel Robert L. Green	Frank M. Spates Robt. L. Stallings J. O. J. Greene	William Engle John P. Stevenson Robt. McDonald
Joyce & Porter Langham & Boal Liberty Mining Company McDonald Coal Co.	Eckhart, Md. Barton, Md. Mt. Savage, Barton, Md.	Robert H. Maybury A. K. Althouse, 12 S. 12th St., Philadelphia, Pa. Marshall Porter D. S. Boal B. H. Bryas J. J. McDonald	W. D. Althouse Edward F. Joyce	Chester Hyde John L. Casey, Md. Lonaconing, Md. D. S. Boal George McDonald

## NAMES OF OFFICIALS, ALLEGANY COUNTY, CALENDAR YEAR 1934—Continued

Name of Company	Principal Office	President's Name and Address	Secretary	Superintendent
McKenzie, J. Edw.	Mt. Savage, Md.	James H. Fuller	Jonathan Jenkins	James Jenkins
McNitt Coal Company	Frostburg, Md.	C. A. Martin	J. J. Noll	C. R. MacMannis
MacMannis & Sons, Andrew	Frostburg, Md.	D. Williamson, Wendell, W. Va.		Harry Green
Martin Coal Co.	Barton, Md.	Samuel A. Metz		J. L. O'Rourke,
Maryland Coal Co.	Wendell, W. Va.	Carl C. Heizel		Lonacoting, Md.
Metz Coal Company	Barton, Md.	E. L. Miller	R. L. Stallings	Walter J. Metz
Michaels Coal Co., Ezra	Westernport, Md.	W. J. Morgan, Mt. Savage, Md.		J. P. Stevenson
Midlothian Coal Co.	Cumberland, Md.	C. D. Willard	W. A. S. Somerville	Robt. O. Miller
Miller Coal Co.	Westernport, Md.	Mike Bishields		W. A. S. Somerville
Miller & Son	Barclayville, Md.	Lenard Nelson		
Morgan Fuel Mine	Cumberland, Md.	Melvin Reed		
Moscow-Georges Creek Mining Co.	Mt. Savage, Md.	O. T. Porter		
Mt. Union Big Vein Coal Co.	Keyser, W. Va.	A. K. Althouse, 12 S. 12th St., Philadelphia, Pa.	W. D. Althouse	John L. Casey, Lonacoting, Md.
Nichols, Joseph	Lonacoting, Md.	Edw. S. Moran	C. Leo Connell	Edw. S. Moran
Nelson Coal Co.	Lonacoting, Md.			
Parker Hi-Grade Coal Co.	Mt. Savage, Md.			
Porter Bros.	Eckhart, Md.			
O. T. Porter Coal Co.	Barton, Md.			
Potomac Big Vein Geo. Creek Coal Co.	Lonacoting, Md.			
Potomac Fuel Company	Westernport, Md.			Marshall Porter
R. C. Roberts Coal Co.	Westernport, Md.			
Lee Ross and-George Williams	Barton, Md.			
Savage Mountain Coal Co.	Mt. Savage, Md.	Charles Frankenberg		Chas. Frankenberg
Schiver & Co., Frank E.	Frostburg, Md.	Frank E. Schiver		
Stewart Mining Company	Frostburg, Md.	David Stewart		David Stewart
Strube & Walbert Fuel Mine	Frostburg, Md.	Conrad Strube		
Sullivan Bros. Coal Co.	Frostburg, Md.	Howard P. Brydon, Receiver		
Trimble Coal Co.	Mt. Savage, Md.	Victor Trimble		
Trimble Jesse	Mt. Savage, Md.			
Turnbull, Robert	Nikee, Md.			
Union Mining Company	Mt. Savage, Md.	Robertau Annan	C. F. Talbott	Jos. E. Finzel
Waddell, Douglas	Lonacoting, Md.			
Waddell Georges Creek Coal Co.	Phillippi, W. Va.	Mrs. Laura Waddell	Mrs. Nellie Waddell	Ed. Stowell
Walsh (Jas.) and Deffenbaugh (Albert)	Mt. Savage, Md.	James Walsh	Albert Deffenbaugh	
White Ash Coal Co.	Westernport, Md.	Arch Michals		Arch Michals
Willard, Charles D.	Cumbrland, Md.	Wm. H. Winters		Chas. D. Willard
Winters & Brode	Midlothian, Md.			
C. O. Workman	Frostburg, Md.			

**NAMES OF OFFICIALS, GARRETT COUNTY, CALENDAR YEAR 1934—Continued**

Name of Company	Principal Office	President's Name and Address	Secretary	Superintendent
H. C. Borden (under contract to William Helmick, Blaine, W. Va.) Clifford Brenneman Brenneman, H. N. Campbell, J. H. Castleman Valley Coal Co.	Middletown, Va. Friendsville, Md. Friendsville, Md. Kitzmilller, Md. Grantsville, Md.	John Hersker, Sr., 142 N. 50th St., Philadelphia, Pa.	John Hersker, Jr.	L. D. Yommer
Collins, James Cosner, Emmett R. T. Davis & Sons Davis Coal & Coke Co.	Oakland, Md. Gorman, W. Va. Kitzmilller, Md. Thomas, W. Va.	A. B. Stewart, Keyser Building, Baltimore, Md.	Howard M. George	S. H. Edeburn
Dixon, John J. W. Dore & Sons Lloyd, Fike Georgian Coal Mining Company	Deer Park, Md. Bayard, W. Va. Friendsville, Md. Lonaconing, Md.	A. K. Althouse, 12 S. 12th St., Philadelphia, Pa.	W. D. Althouse J. A. Shore	John L. Casey, Lonaconing, Md. R. A. Smith
Hamill Coal & Coke Company C. J. Hanft Harvey, Nay J. J. Hebb G. C. Honck I. L. Huff Keefer, George W. J. M. Kisher J. O. Kitzmilller J. R. Lipscomb Louis Coal Company W. H. Lower and Stewart Wamsley McCullough Coal Corporation Manor Coal Company	Blaine, W. Va. Bayard, W. Va. Deer Park, Md. Gorman, W. Va. Grantsville, Md. Grantsville, Md. Oakland, Md. Oakland, Md. Wilson, W. Va. Gorman, W. Va. Jennings, Md. Bayard, W. Va. Friendsville, Md. U. S. Nat. Bank Bldg., Johnstown, Pa. Mountain Lake Park, Md. Deer Park, Md. Berton, Md. Westernport, Md. Mt. Lake Park, Md. Deer Park, Md. Westernport, Md. Grantsville, Md.	Ford C. McCullough A. B. Crichton, Johnstown, Pa.	Geo. B. McCullough H. A. Crichton	L. Lytle G. W. Pritts, suc. by R. E. Muffley
Martin & Biggs C. A. Mersing A. D. Michel Michael Coal Company, Ezra Moon, Albert W. Moon, Mrs. Julia Moran, Edw. S. Myers Coal Company		Liller & Weeks, operators	C. A. Bender	Ezra Michaels J. A. Beachey

**NAMES OF OFFICIALS, GARRETT COUNTY, CALENDAR YEAR 1934—Continued**

Name of Company	Principal Office	President's Name and Address	Secretary	Superintendent
Pattison, Chas. (G. C. Pattison Estate)	Bloomington, Md.	Operated by I. R. Mackley, E. T. Mackley and George Mackley Norman Patton		
Patton Coal Company	Grantsville, Md.			
Paugh, Earl	Swanton, Md.			
Paugh, Ferry	Deer Park, Md.			
Pike, R. R.	P. O. Crellin, Md.			
Rawlings & Sons	P. O. Crellin, Md.			
Ream, Harland G.	Piedmont, W. Va.			
R. J. Ross Coal Mines, Inc.	Deer Park, Md.	Carroll Pattison, Receiver		L. R. Kight
Rowan, L. M.	Lonaconing, Md.	Robert G. Russell		
Russell Coal Company	Kitzmiller, Md.	W. A. Marshall, New York City	W. H. Marshall	H. A. Marshall, Shallmar, Md.
Seisco Coal Co., Carlo	17 Battery Pl., N. Y. City			Earl Sims
Shallmar Mining Corporation	Box 172, Barton, Md.			
Shuart Bros.	R. No. 1, Oakland, Md.			
Sims, Earl	Mt. Lake Park			
Sims & Wilkins	Friendsville, Md.			
Sims, A. G.	Grantsville, Md.			
Sloan, George E.	Oakland, Md.			
Table Rock Coal Company	R. No. 1, Deer Park, Md.	J. D. Swartzentruber	H. D. Swartzentruber	
Tasker, Edward	Deer Park, Md.			
Weimer, Melvin	P. O. Oakland, Md.			
Welch, G. C.	R. No. 1, Oakland, Md.			
Winners, G. E.				

**NAMES OF OFFICIALS, FIRE CLAY MINES, ALLEGANY COUNTY, CALENDAR YEAR 1934**

Name of Company	Principal Office	President's Name and Address	Secretary	Superintendent
Big Savage Fire Brick Co.	Zihlman, Md.	D. Armstrong, Frostburg, Md.	E. J. Clark	G. A. Shuckhart
North American Refractories Co.	1012 National City Bank Bldg., Cleveland, Ohio	John D. Ramsay, Cleveland, Ohio	E. W. Valensi	Frostburg, Md.
Union Mining Company	Mt. Savage, Md.	Robertson Auman	C. F. Talbott	Jos. E. Finzel

## SUMMARY

## TONNAGE BY COAL SEAM—1934

## ALLEGANY COUNTY

	Net Tons
Pittsburgh or Big Vein.....	577,077.08
Sewickley or Tyson.....	418,501.09
Bakerstown .....	126,869.11
Bluebaugh .....	10,698.06
Waynesburg .....	58,446.00
Savage .....	13,605.16
Freeport .....	125.00
Kittanning .....	4,196.16
Maynadier .....	609.08
Brush Creek .....	1,572.00
Clarion .....	855.00
Parker .....	1,665.00
Unknown .....	3,408.18
Total.....	1,217,630.12

## GARRETT COUNTY

Kittanning .....	338,884.02
Bakerstown .....	34,659.15
Freeport .....	32,656.18
"C" Prime .....	14,028.11
Big Vein .....	1,686.00
New River .....	798.00
"B" Seam .....	168.10
"18" Seam .....	355.19
Harlum .....	70.00
Unknown .....	809.00
Total.....	424,116.15
	1,641,747.07



## ANNUAL REPORT OF MARYLAND BUREAU OF MINES

**TONNAGE BY COAL SEAM, 1934—Continued**  
**ALLEGANY COUNTY**

Name of Company	Total	Pittsburgh or Big Vein	Sewickley or Tyson	Bakerstown	Bluebaugh	Waynesburg	Savage	Freeport	Kittanning	Mayfield	Brush Creek	Clarton	Parker	Unknown
Maryland Coal Company.....	50,769.00	50,769.00												
Metz Coal Company.....	3,307.00			3,307.00										
Michaels Coal Company, Arch.....	2,775.00			2,775.00										
Middlethian Coal Company.....	5,980.00		5,980.00											
Miller Coal Co. (Mud Mine).....	855.00											855.00		
Miller & Son.....	2,077.00	2,077.00												
Miller Coal Company.....	671.00			671.00										
Morgan Fuel Mine.....	539.08				539.08									
Moscow-Georges Crk. Mining Co.....	2,207.00	1,720.17		486.03										
Mt. Union Big Vein Coal Co.....	1,482.00	1,482.00												
Nelson Coal Company.....	1,580.00			1,580.00										
Nichols, Joseph.....	345.00	345.00												
Parker Hi-Grade Coal Co.....	1,665.00												1,665.00	
Porter Bros.....	973.00	973.00												
O. T. Porter Coal Co.....	379.00			379.00										
Potomac Big Vein Georges Crk. Coal Co.....	22,956.07	13,000.15	5,381.09	4,574.03										
Potomac Fuel Company.....	23,299.18			23,299.18										
Roberts Coal Co., R. C.....	1,733.00			1,733.00										
Lee Ross & George Williams.....	133.00			133.00										
Savage Mountain Coal Co.....	1,073.00										1,073.00			
Schiver & Co., Frank E.....	1,434.00	1,434.00												
Stewart Mining Company.....	5,461.00	5,461.00												
Strube & Walbert Fuel Mine.....	5,705.00		5,705.00											
Sullivan Bros. Coal Company.....	4,003.16								4,003.16					
Trimble Coal Company.....	1,091.00	1,091.00												
Trumble, Jesse (Du-Well Mine).....	457.00	457.00												
Turnbull, Robert.....	236.00	236.00												
Union Mining Company.....	13,605.16					13,605.16								
Waddell, Douglas.....	4,505.00	4,505.00												
Waddell Georges Crk. Coal Co.....	5,287.18				5,287.18									
Walsh & Deffenbaugh.....	169.00									169.00				
White Ash Coal Company.....	574.00			574.00										
Willard, Charles D.....	797.03			797.03										
Winters & Brode.....	442.00	442.00												
Workman, C. O.....	5,233.00	5,233.00												
	1,217,030.12	577,077.08	418,501.09	120,869.11	10,698.06	58,446.00	13,605.16	125.00	4,196.16	609.08	1,572.00	855.00	1,665.00	3,408.18



## TONNAGE BY COAL SEAM, 1934—Continued

## GARRETT COUNTY

Name of Company	Total	Kittanning	Bakerstown	Freeport	'C' Prime	Big Vein	New River	'B' Seam	'18' Seam	Harlem	Unknown
Moore, Albert W.....	567.00			100.00							567.00
Moore, Mrs. Julia.....	100.00										
Moran, Edward S.....	1,435.00					1,435.00					
Myers, Coal Company.....	3,080.16				3,080.16						
Pattison, Charles.....	1,027.00		1,027.00								
Patton Coal Company.....	626.00			626.00							
Faugh, Earl.....	278.00			278.00							
Faugh, Perry.....	189.10		189.10								
Pike, R. R.....	110.00			110.00							
Rawlings & Sons.....	2,961.00	2,961.00									
Ream, Harland G.....	140.00			140.00							
R. J. Ross Coal Mines, Inc., Carroll Pattison, Receiver.....	27,711.14		27,711.14								
Rowan, L. M.....	420.00		420.00								
Russell Coal Company.....	237.00		237.00								
Scisco Coal Company, Carlo.....	1,131.00			1,131.00							
Shullmar Mining Corporation.....	60,210.00	60,210.00									
Shuhart Bros.....	304.00		304.00								
Sims, Earl.....	171.15	171.15									
Sims & Wilkins.....	220.00			220.00							
Sims, A. G.....	168.10							168.10			
Sloan, George E.....	1,014.15				1,014.15						
Table Rock Coal Company.....	1,027.17	1,027.17									
Tasker, Edward.....	35.00	35.00									
Welmer, Melvin.....	532.00	532.00									
Welch, G. C.....	50.00			50.00							
Winters, G. E.....	248.00	248.00									
Total.....	424,116.15	838,884.02	34,659.15	32,656.18	14,028.11	1,686.00	798.00	168.10	355.19	70.00	809.00

**DESCRIPTION OF MINES IN ALLEGANY COUNTY  
FOR THE CALENDAR YEAR 1934**

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ADEN COAL COMPANY

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

During the year 1934 this mine employed 2 men, worked 174 days and produced 1,053.00 net tons of coal.

ALLEGANY BIG VEIN COAL COMPANY

No. 1 Mine

Mervin Uhl ..... Mine Foreman

This was formerly the old Keeley Mine of the New York Mining Company located at Morantown, near Mt. Savage, operating in the Big Vein coal seam. It is a wagon mine.

During the year 1934, this mine employed 15 men, worked 194 days and produced 7,512.05 net tons of coal.

BALD KNOB FUEL COMPANY

Bald Knob Mine

Charles F. Winner ..... Superintendent

This is a wagon mine located near Mt. Savage, and operates in the Big Vein coal seam.

During the year 1934 it employed 2 men, worked 64 days and produced 198.00 net tons of coal.

HENRY S. BARNES FUEL MINE

This is a wagon mine located at Midlothian, Md. It is a drift opening in the Big Vein coal seam. Ventilation is by natural means and the coal is sold to domestic trade.

During the year 1934 it employed 3 men, worked 146 days and produced 662.00 net tons of coal.

## C. C. BENNETT

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

During the year 1934 it employed 1 man, worked 88 days and produced 557.00 net tons of coal.

## D. A. BENSON

This is a wagon mine located on the tram road of the Big Savage Fire Brick Company about 1½ miles northeast of Zihlman, Md. It is a drift opening working the Freeport coal seam, and supplies domestic trade. Ventilation is by natural means and found in a satisfactory condition.

During the year 1934 it employed 6 men, worked 163 days and produced 2,396.18 net tons of coal.

## BIG VEIN COAL COMPANY OF LONACONING, INC.

## Castle Mine

John L. Casey.....	General Superintendent
Harrison Davis.....	Mine Foreman
Robert Merrbaugh.....	Mine Foreman

This mine is located on the Western Maryland Railway on the west side of George's Creek at Lonaconing. It is a drift opening working the Big Vein coal seam. Ventilation is produced by an electrically driven fan.

During the year 1934 this mine employed 136 men, worked 241 days and produced 116,442.01 net tons of coal.

## BIG VEIN COAL COMPANY OF LONACONING, INC.

## Pekin Mine

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

This mine is located on the Cumberland & Pennsylvania Railroad on the west side of Pekin and is a drift opening working the Big Vein coal seam. Ventilation is produced by an electrically driven fan.

During the year 1934 this mine employed 38 men, worked 155 days and produced 14,219.11 net tons of coal.

## E. R. BRENNAN &amp; SONS

## Old Mill Mine

This is a wagon mine operating in the Bakerstown seam near the old mill at Moscow Mills. Ventilation and drainage are by natural means.

During the year 1934 this mine employed 3 men, worked 63 days and produced 550.00 net tons of coal.

## BRIDGES COAL COMPANY

## Parker Mine

Raymond Bridges .....Superintendent

This mine is located near Mt. Savage and operated in the Bluebaugh coal seam. It is a wagon mine.

During the year 1934 this mine employed 11 men, worked 211½ days and produced 4,821.00 net tons of coal.

## CAMPBELL COAL COMPANY

## Hampshire Mine

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

This is an opening in the Bakerstown coal seam located near Reynolds. Ventilation is produced by a fan driven by an electric motor. This mine is located on the Cumberland and Pennsylvania Railroad.

During the year 1934 this mine employed 131 men, worked 134 days and produced 61,661.15 net tons of coal.

## M. J. CAMPBELL FUEL MINE

This is a wagon mine located at Gilmore, Maryland. During the year 1934 it employed 2 men, worked 135 days and produced 399.00 net tons of coal.

## CHAPMAN COAL MINING COMPANY

## Swanton Mines

Randolph Ashby .....Superintendent

These mines are located on the Cumberland and Pennsylvania Railroad at Barton on the west side of George's Creek. They are drift openings working the Bakerstown and Big Vein coal seams, and developed on the double-entry system. Ventilation in the Bakerstown Mine is produced by a fan driven by an electric motor. Ventilation in the Big Vein is by natural means.

During the year 1934 the Bakerstown Mine employed 12 men, worked 106½ days and produced 3,468.00 net tons of coal. The Big Vein Mine employed 9 men, worked 78½ days and produced 1,684.00 net tons of coal.

## CLARK BROTHERS

## Hungry Hill Mine

This is a wagon mine located near Barton in the Upper Pittsburgh coal seam.

During the year 1934 this mine employed 3 men, worked 63 days and produced 187.00 net tons of coal.

## THE CONSOLIDATION COAL COMPANY.

## Maryland Division

B. H. McCracken.....Division Manager

The Maryland Division of this Company is in Allegany County. It is the largest operation in the State, operating 7 mines and working the Big Vein and Tyson coal seams. The general condition of the mines is good.

During the year 1934 these mines employed 817 men, worked 1,280 days and produced 511,788.00 net tons of coal.

## CONSOLIDATION MINE NO. 1

R. L. Edwards.....Mine Foreman

This mine is located on the Cumberland and Pennsylvania Railroad at Ocean on the east side of George's Creek. It is a slope opening working the Big Vein coal seam, and is opened

under the double-entry system. Ventilation is produced by an electrically driven fan and the air current is conducted to the working places by overcasts and stoppings. It is found in a satisfactory condition. Drainage is very difficult owing to the low condition of the mine and a heavy expense is incurred in keeping it satisfactory. It is obtained by being drained through the Hoffman tunnel.

During the year 1934 this mine employed 127 men, worked 207 days and produced 87,576.00 net tons of coal.

### CONSOLIDATION MINE NO. 3

R. L. Edwards.....Mine Foreman

This mine is located at Hoffman, 1½ miles east of Frostburg on the Eckhart Branch of the Cumberland & Pennsylvania Railroad. It is a slope opening working the Big Vein coal seam and is developed on the double-entry system. Ventilation is produced by an electrically driven fan and the air current is conducted to the working faces by doors and brattices. Drainage is most difficult and it is necessary to have a number of pumps and ditches in order to keep it in a lawful condition. It is through the Hoffman ditch which empties into Braddock Run at Clarysville. Timbering is found in good condition but it requires a great deal of timbering to keep the roof safe. The coal is hoisted by an electric hoist.

During the year 1934 this mine employed 87 men, worked 201 days and produced 62,294.00 net tons of coal.

### CONSOLIDATION MINE NO. 4

R. L. Edwards.....Mine Foreman

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

During the year 1934 the mine employed 53 men, worked 160 days and produced 25,573.00 net tons of coal.

## CONSOLIDATION MINE NO. 9

J. A. Weisenborne.....Mine Foreman

This mine is located at the end of the "Y" on the Cumberland & Pennsylvania Railroad. It is a drift opening working the Tyson coal seam. Ventilation is found to be in a satisfactory condition and is produced by an electrically driven fan. Drainage is kept in a lawful condition by holes being driven to the Big Vein and by the use of pumps. This mine was worked out and abandoned during September, 1934.

During the year 1934 this mine employed 17 men, worked 113 days and produced 9,064.00 net tons of coal.

## CONSOLIDATION MINE NO. 10

Frank Carter.....Mine Foreman

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

During the year 1934 this mine employed 282 men, worked 193 days and produced 163,427.00 net tons of coal.

## CONSOLIDATION MINE NO. 12

R. L. Edwards.....Mine Foreman

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

During the year 1934 this mine employed 123 men, worked 214 days and produced 77,229 net tons of coal.

## CONSOLIDATION MINE NO. 17

James H. Close.....Mine Foreman

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

During the year 1934 this mine employed 128 men, worked 192 days and produced 86,625.00 net tons of coal.

## DAILEY COAL COMPANY

Thomas Dailey .....Superintendent  
DuBois Jones.....Mine Foreman

This is a wagon mine located at Franklin. It is a drift opening working the Bakerstown coal seam. Ventilation is produced by a gasoline-driven fan. This mine was formerly operated by the Westernport Coal Company.

During the year 1934 this mine employed 11 men, worked 193 days and produced 5,421.00 net tons of coal.

## JOHN F. DIEHL

Brady Mine

This is an opening in the Tyson seam near Mt. Savage, Md. During the year 1934 this mine employed 5 men, worked 67 days and produced 350.00 net tons of coal.

## EAGAN MINING COMPANY

Charles Eagan.....Mine Foreman

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

During the year 1934 this mine employed 2 men, worked 25 days and produced 101.00 tons of coal.

## EMRICK COAL COMPANY

Harry Diehl ..... Superintendent

This is a wagon mine located near Mt. Savage, operating in the Freeport coal seam.

During the year 1934 this mine employed 3 men, and produced 125.00 tons of coal.

## VINCENT ENGLE &amp; SONS

Engle Mine

This is a wagon mine located about 1 mile east of Eckhart. It is a drift opening working the Big Vein coal seam.

During the year 1934 this mine employed 3 men, worked 32 days and produced 156.00 tons of coal.

H. G. EVANS

Borden Mine

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

During the year 1934 this mine employed 4 men and produced 1,118.00 net tons of coal.

## FRANKLIN COAL COMPANY

This is an opening in the Up. Kittanning seam, operated by H. L. Sutherland, near Westernport, Md.

During the year 1934 this mine employed 3 men, worked 38 days and produced 193.00 net tons of coal.

## FROSTBURG MINING COMPANY

Spates No. 1 Mine

Frank H. Spates.....Supt. and Mine Foreman

This mine is located at Old Consolidation Village, about 1 mile west of Frostburg. It is a wagon mine and is a drift opening working the Big Vein coal seam. Ventilation is by natural means. This mine was abandoned during 1934.

During the year 1934 when this mine was operating, it employed 4 men, worked 88 days and produced 992.00 net tons of coal.

## GEORGE'S CREEK BIG VEIN COAL COMPANY

### Bivecol Mine

Ralph Darrow.....Mine Foreman

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

During the year 1934 this mine employed 24 men, worked 226 days and produced 16,821.13 net tons of coal.

## GEORGE'S CREEK COAL COMPANY, INC.

Robert Stalling .....Superintendent  
 Robert Todd.....Mine Foreman (Nos. 1-4)  
 William Abbott.....Mine Foreman (Big Vein)  
 Richard Moffatt....Mine Foreman (Waynesburg)

Mine No. 4 is located on the west side of George's Creek at Lonaconing on the Western Maryland Railway. It is a drift opening working the Sewickley or Tyson coal seam. It is equipped with an electrically driven fan. The air conditions are very good.

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

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

During the year 1934 production was as follows: G. C. No. 2 (Big Vein) employed 10 men, worked 200 days and produced 9,669.00 net tons of coal. G. C. No. 2 (Sewickley or Tyson) employed 12 men, worked 59 days and produced 2,154.00 net tons of coal. G. C. No. 3 (Waynesburg) employed 88 men, worked 200 days and produced 58,446.00 net tons of coal. G. C. No. 4 (Sewickley) employed 21 men, worked 200 days and produced 14,856.00 net tons of coal.

## GREEN COAL MINING COMPANY

Robert Green .....Foreman

This is a wagon mine located at Moscow and was formerly known as the Colony Coal Company. Drainage is by hand pump and siphon. Ventilation is by natural means.

During the year 1934 this mine employed 3 men, worked 41 days and produced 290.00 net tons of coal.

## J. O. J. GREEN COAL COMPANY

J. O. J. Green .....Supt. and Mine Foreman

This is a wagon mine located about 1½ miles above Reynolds on Mill Run and operates the Bakerstown coal seam. Ventilation is produced by a fan driven by a gasoline motor.

During the year 1934 this mine employed 12 men, worked 258 days and produced 5,904.00 net tons of coal.

## ROBERT GRIFFITH

This is a wagon mine located about 1 mile east of Frostburg and is known as the New Griffith Mine. Their former operation, the Borden Mine, was abandoned during 1925, due to encountering faults. It is a drift opening, working the Tyson coal seam.

During the year 1934 this mine employed 2 men, worked 308 days and produced 613.00 net tons of coal.

## A. P. HOFFA COAL COMPANY

Phoenix Mine

Chester A. Hyde.....Mine Foreman

Phoenix Mine No. 2 consists of two openings in the Big Vein coal seam and is located on the west side of Georges Creek at Lauder on the Cumberland and Pennsylvania Railroad. Ventilation is by natural means.

During the year 1934 this mine employed 41 men, worked 199 days and produced 20,670.05 net tons of coal.

## HOWARD &amp; MAYBURY

## Kern Mine

This is a wagon mine located near Barton operating in the Bakerstown coal seam. It is a drift opening  $\frac{1}{2}$  mile above Reynolds on Mill Run. Ventilation is produced by a fan driven by a gasoline engine.

During the year 1934 this mine employed 7 men, worked 246 days and produced 3,636.00 net tons of coal.

## JACKSON BIG VEIN GEORGES CREEK COAL COMPANY

## Caledonia Mine

John L. Casey.....General Superintendent  
 John Bradley.....Mine Foreman  
 Alonzo Miller.....Asst. Foreman

This mine is located on the west side of Georges Creek at Barton on the Cumberland and Pennsylvania Railroad, and consists of two drift openings working the Big Vein coal seam. Ventilation is by natural means.

During the year 1934 this mine employed 70 men, worked 148 days and produced 28,717.17 net tons of coal.

## JACKSON BIG VEIN GEORGES CREEK COAL COMPANY

## Sonny Mine 1-2

John L. Casey.....General Superintendent  
 John Smith.....Mine Foreman

This mine is located on the Western Maryland Railway at Lonaconing, working the Big Vein coal seam. Ventilation is produced by an electrically driven fan and is conducted to the working faces by doors and stoppings.

During the year 1934 this mine employed 19 men, worked 144 days and produced 12,517.04 net tons of coal.

## JOYCE &amp; PORTER

## Lancaster Mine

This is a wagon mine located near Eckhart operating in the Tyson coal seam.

During the year 1934 this mine employed 4 men, worked 51 days and produced 395.00 net tons of coal.

## LANGHAM &amp; BOAL

This is a wagon mine located 1 mile west of Barton. Ventilation is by natural means.

During the year 1934 this mine employed 2 men, worked 80 days and produced 409.00 net tons of coal.

## LIBERTY MINING COMPANY

## Liberty No. 3 Mine

B. H. Biays.....Superintendent  
Harry Retzer.....Mine Foreman

This mine was opened in 1933 and is located at Mt. Savage on the Cumberland and Pennsylvania Railroad. It is a drift opening working the Maynadier coal seam. Ventilation is produced by an electrically driven fan.

During the year 1934 this mine employed 7 men, worked 16 days and produced 440.40 net tons of coal.

## McDONALD COAL COMPANY

## Arcadia or McDonald Mine

Jos. Shuhart.....Mine Foreman

This is an opening in the Bakerstown coal seam, located on the west side of Georges Creek near Barton on the Cumberland and Pennsylvania Railroad. Ventilation is produced by a fan driven by an electric motor.

During the year 1934 this mine employed 6 men, worked 101 days and produced 2,526.09 net tons of coal.

## EDW. J. McKENZIE

This wagon mine is located near Mt. Savage and is operating the Brush creek coal seam. The coal is used for domestic trade and is hauled from the mine in trucks. During 1934 this mine changed operator, it later being known as Savage Mountain Coal Company.

During the year 1934 this mine, while operated by Edw. J. McKenzie, employed 3 men, worked 63 days, and produced 499.00 net tons of coal.

## McNITT COAL COMPANY

## McNitt Mine

James Jenkins .....Superintendent  
 Notley Cook.....Mine Foreman

This mine is located at Midlothian on the Cumberland and Pennsylvania Railroad. It is a slope opening working the Sewickley or Tyson coal seam. Ventilation is produced by a steam-driven fan.

During the year 1934 this mine employed 64 men, worked 255 days and produced 55,916.00 net tons of coal.

## McNITT COAL COMPANY

## Bowery Furnace No. 2

James Jenkins .....Superintendent  
 Ed. Jenkins.....Mine Foreman  
 John Whiteman.....Asst. Mine Foreman

This mine, formerly operated by the Piedmont & Georges Creek Coal Company, is located at Midlothian on the Cumberland and Pennsylvania Railroad, working the Tyson seam of coal. It is developed on the double-entry system and is kept in a lawful condition. Ventilation is produced by an electrically driven fan. The officials named above were succeeded late in 1934 by Christopher Roberts, Ed. Stowell and James Smith.

During the year 1934 this mine employed 123 men, worked 229 days and produced 68,698.00 net tons of coal.

## ANDREW MacMANNIS &amp; SONS

This operation is working the slate dump of the No. 3 Mine, The Consolidation Coal Company, at Hoffman, and washes the coal.

During the year 1934 this operator employed 4 men and produced 2,954.00 net tons of coal.

## MARTIN COAL COMPANY

## Hopewell Mine

Harry Green.....Mine Foreman

This is a wagon mine working in the Bakerstown coal seam and is located near Barton. During the year 1934 it employed 2 men, worked 215 days and produced 1,641.00 net tons of coal.

## MARYLAND COAL COMPANY

## Kingsland Mine

John O'Rourke .....Superintendent  
 Harold Morgan.....Mine Foreman

This mine is located on the Western Maryland Railway on the west side of Georges Creek, at Lonaconing. It is a drift opening developed on the double-entry system and operates in the Big Vein coal seam.

During the year 1934 this mine employed 48 men, worked 257 days and produced 50,769.00 net tons of coal.

## METZ COAL COMPANY

This is a wagon mine located southeast of Barton and works the Bakerstown coal seam.

During the year 1934 this mine employed 5 men, worked 199 days and produced 3,307.00 net tons of coal.

## ARCH MICHAELS COAL COMPANY

## Michaels Mine

This is an opening in the Bakerstown coal seam at Westernport, Md. During the year 1934 this mine employed 5 men, worked 154 days and produced 2,775.00 net tons of coal.

## MIDLOTHIAN COAL COMPANY

John P. Stevenson.....Superintendent  
 Clarence Fletcher.....Mine Foreman

The mines of this Company are located on the Cumberland and Pennsylvania Railroad at Midlothian, about 2 miles west of Frostburg. The mine consists of two openings, working the Tyson coal seam. Ventilation is by natural means.

During the year 1934 this mine employed 18 men, worked 203 days and produced 5,930.00 net tons of coal.

## E. L. MILLER

## Mud Mine

This is a wagon mine working the Clarion coal seam near Westernport, Maryland. During the year 1934 this mine employed 3 men, worked 78 days and produced 855.00 net tons of coal.

## MILLER &amp; SONS

## Miller Mine

This is a wagon mine located south of Barton and operating in the Big Vein coal seam.

During the year 1934 this mine employed 3 men, worked 165 days and produced 2,077.00 net tons of coal.

## MILLER COAL COMPANY

## Miller Mine

This is a wagon mine located at the northern end of the town of Westernport. Ventilation is by natural means. This operator also worked the Mud Mine which has been abandoned and they now work the Bakerstown coal seam opposite the Elkheart Mine.

During the year 1934 the mine employed 7 men, worked 52 days and produced 671.00 net tons of coal

## W. J. MORGAN COAL COMPANY

This is a small wagon mine located at Barrellville and operated in the Bluebaugh coal seam.

During the year 1934 this mine employed 4 men, worked 138 days and produced 589.08 net tons.

## MOSCOW GEORGE'S CREEK MINING COMPANY

## Mines Nos. 2 and 3

Carson Thomas ..... Mine Foreman No. 2

Edw. R. Brennan..... Mine Foreman No. 3

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

During the year 1934 the Big Vein mine employed 5 men, worked 133 days and produced 1,720.17 net tons of coal; the Bakerstown mine employed 4 men, worked 63 days and produced 437.01 net tons of coal.

## MT. UNION BIG VEIN COAL COMPANY

Michael Bishields.....Superintendent

This is a wagon mine located near Mt. Savage and is operated in the Big Vein coal seam.

During the year 1934 it employed 6 men, worked 174 days and produced 1,482.00 net tons of coal.

## NELSON COAL COMPANY

Speir Mine

Stanley Moore.....Mine Foreman

This is a wagon mine operating in the Bakerstown seam near Barton. During the year 1934 this mine employed 7 men, worked 87 days and produced 1,580.00 net tons of coal.

## NICHOLS COAL COMPANY

This mine is located near Lonaconing and operates the Pittsburgh or Big Vein Coal seam.

During the year 1934 this mine employed 4 men, worked 100 days and produced 345.00 net tons of coal.

## PARKER HY-GRADE COAL COMPANY

Parker Mine

Melvin Reed.....Mine Foreman

This wagon mine operated in the Parker coal seam and during the year 1934 it employed 7 men, worked 171 days and produced 1,665.00 net tons of coal.

## PORTER BROS.

Porter Mine

This mine, formerly worked by Porter & Kreitzburg, is located about 1 mile east of Eckhart. It is a wagon mine supplying domestic trade. It is a drift opening, working the Big Vein coal seam. Ventilation is by natural means.

During the year 1934 this mine employed 3 men, worked 76 days and produced 973.00 net tons of coal.

## PORTER COAL COMPANY

## Pynhed Mine

Oliver Porter.....Mine Foreman

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

During the year 1934, this mine employed 1 man, worked 94 days and produced 379.00 net tons of coal.

## POTOMAC BIG VEIN GEORGE'S CREEK COAL CO.

## Potomac Mine

John L. Casey.....Superintendent  
Anderson Green.....Mine Foreman

This mine was formerly operated by Brydon Bros. Coal Company after which it was operated by the present company. It is located about 2 miles southeast of Barton. Ventilation is by natural means, as is also the drainage. This mine loads on the Cumberland & Penna. R. R.

During the year 1934 this mine employed 21 men, worked 124 days and produced 7,074.17 net tons of coal.

## POTOMAC BIG VEIN GEORGE'S CREEK COAL CO.

## Elkheart Mine

John L. Casey.....Superintendent  
Anderson Green.....Mine Foreman

This mine is located near Barton and was formerly operated by Schramm & Davis. It is a drift opening working the Bakers-town coal seam. Ventilation and drainage are by natural means. It loads on the Cumberland and Pennsylvania Railroad.

During the year 1934 this mine employed 13 men, worked 159 days and produced 4,574.03 net tons of coal.

## POTOMAC BIG VEIN GEORGE'S CREEK COAL CO.

## Union Mines (Big Vein and Tyson)

John L. Casey.....Superintendent  
Stanley Weimer.....Mine Foreman

These mines prior to April, 1932, were operated by Anman & Jeffries. Union No. 1 is located at Zihlman and is a drift opening working the Big Vein coal seam. Ventilation is produced by an electrically driven fan and is conducted to the working faces by means of doors, overcasts and stoppings. The mine is located on the Cumberland & Pennsylvania R. R.

Union No. 4 is located at Zihlman and is a drift opening working the Tyson coal seam. Ventilation is produced by an electrically driven fan. The mine is located on the Cumberland & Pennsylvania Railroad.

During the year 1934 the Big Vein mine employed 16 men, worked 223 days and produced 5,925.18 net tons of coal. The Tyson mine employed 14 men, worked 225 days and produced 5,381.09 net tons of coal.

#### POTOMAC FUEL COMPANY

##### Franklin No. 4

Edward Moran.....Superintendent  
Jacob Wilson.....Mine Foreman

This mine was formerly operated by the Burtner Coal Company and later was operated by the R. J. Ross Coal Mines, Inc., when it was known as the Rymek Mine. It is located on the west side of George's Creek near Franklin. It is a drift opening working the Bakerstown coal seam. It is developed on the double entry system and ventilation is produced by an electrically driven fan. It is on the Cumberland and Pennsylvania Railroad.

During the year 1934 this mine employed 61 men, worked 109 days and produced 23,299.18 net tons of coal.

#### R. C. ROBERTS COAL COMPANY

R. C. Roberts.....Supt. and Mine Foreman

This is a wagon mine located 1 mile northeast of Westernport. It is a drift opening operating in the Bakerstown coal seam. Ventilation is furnished by a fan driven by a gasoline engine and is found to be satisfactory.

During the year 1934 this mine employed 3 men, worked 158 days and produced 1,733.00 net tons of coal.

## LEE ROSS &amp; GEORGE WILLIAMS

## Spier Mine

This opening was operated during January and February by the above operators and during the latter part of the year by the Nelson Coal Company, and a description will be found under that name.

During the time the mine was operated by the above operators it employed 2 men, worked 40 days and produced 133.00 net tons of coal.

## SAVAGE MOUNTAIN COAL COMPANY

## Savage No. 1 Mine

This is a wagon mine in the Brush Creek coal seam. During the year 1934 this mine employed 8 men, worked 89 days and produced 1,073.00 net tons of coal.

## FRANK E. SCHIVER &amp; COMPANY

Frank E. Schiver . . . . . Mine Foreman

This mine was formerly known as Borden's Mine and operated in the Big Vein coal seam. It is a wagon mine.

During the year 1934 this mine employed 8 men, worked 51 days and produced 1,434.00 net tons of coal.

## STEWART MINING COMPANY

## Blackberry Mine

David Stewart . . . . . Superintendent

Robert Huston . . . . . Mine Foreman

This is a wagon mine located near Frostburg and operated in the Big Vein coal seam.

During the year 1934 this mine employed 14 men, worked 216 days and produced 5,461.00 net tons of coal.

## STRUBY &amp; WALBERT FUEL MINE

## Borden Hill Mine

This is a wagon mine located near Frostburg and operates in the Tyson coal seam.

During the year 1934 this mine employed 6 men, worked 303 days and produced 5,705.00 net tons of coal.

## SULLIVAN BROS. COAL COMPANY

## Sullivan No. 3 Mine

(H. P. Brydon, Receiver)

This mine is located on the Eckhart Branch of the Cumberland & Pennsylvania Railroad at Clarysville about 3 miles east of Frostburg. It is a slope opening working the Kittanning seam of coal. Ventilation is produced by an electrically driven fan.

During the year 1934 this mine employed 25 men, worked 103 days and produced 4,003.16 net tons of coal.

## TRIMBLE COAL COMPANY

This is a wagon mine in the Pittsburgh or Big Vein coal seam and is located near Mt. Savage.

During the year 1934 this mine employed 3 men, worked 94 days and produced 1,000 net tons of coal.

## JESSE TRIMBLE

## Du-Well Mine

This is a wagon mine operating in the Big Vein coal seam located near Mt. Savage, Md.

During the year 1934 this mine employed 2 men, worked 79 days and produced 457.00 net tons of coal.

## ROBERT TURNBULL

## Pleezing Mine

This is a wagon mine operating in the Big Vein coal seam located near Nikep, Md.

During the year 1934 this mine employed 2 men, worked 43 days and produced 236.00 net tons of coal.

## UNION MINING COMPANY

## Black Hills (No. 4) Mine

Joseph Finzel.....	Superintendent
John Henaghan.....	Mine Foreman

This mine is located at Mt. Savage and is on the Cumberland & Pennsylvania Railroad. It is a drift opening and ventilation is produced by an electrically driven fan, the air being conducted to the working faces by means of doors and stoppings. The identity of the coal seam is unknown.

During the year 1934 this mine employed 35 men, worked 163 days and produced 13,606.16 net tons of coal.

### DOUGLAS WADDELL

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

During the year 1934 this mine employed 8 men, worked 204 days and produced 4,505.00 net tons of coal.

### WADDELL GEORGE'S CREEK COAL COMPANY

#### Sunnyside Mine

James Waddell.....Superintendent

Edward Stowell.....Mine Foreman

This mine is located at George's Creek Village on the main line of the Cumberland and Pennsylvania Railroad. It is a drift opening working the Bluebaugh coal seam. Ventilation is produced by an electrically driven fan located at a shaft 204 feet deep. This mine was abandoned during the year 1934.

During the year 1934 this mine employed 33 men, worked 55 days and produced 5,287.18 net tons of coal.

### JAMES WALSH & ALBERT DEFFENBAUGH

#### Helbig Mine

This is a wagon mine operating in the Maynadier coal seam near Mt. Savage.

During the year 1934 this mine employed 3 men, worked 95 days and produced 169.00 net tons of coal.

### WHITE ASH COAL COMPANY

Arch Michaels.....Supt. and Mine Foreman

This was formerly known as the Arch Michaels Coal Company. It is a wagon mine operating in the Bakerstown coal seam located about 1½ miles above Reynolds on Mill Run. Ventilation is by natural means and is found to be satisfactory.

During the year 1934 this mine employed 5 men, worked 40 days and produced 574.00 net tons of coal.

### CHARLES D. WILLARD

Casanova No. 3

This is a wagon mine operating in the Bakerstown coal seam located near Mt. Savage, Md.

During the year 1934 this mine employed 4 men, worked 75 days and produced 797.00 net tons of coal.

### WINTERS & BRODE

This is a wagon mine operating in the Big Vein coal seam located at Midlothian, Md.

During the year 1934 this mine employed 2 men, worked 131 days and produced 442.00 net tons of coal.

### WORKMAN COAL COMPANY

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

This is a wagon mine located 1 mile north of Frostburg. It is a drift opening working the Pittsburgh or Big Vein coal seam. Ventilation is by natural means.

During the year 1934 this mine employed 6 men, worked 259 days and produced 5,233.00 net tons of coal.

**DESCRIPTION OF CLAY MINES IN ALLEGANY COUNTY  
CALENDAR YEAR 1934**

**BIG SAVAGE FIRE BRICK COMPANY**

Clarence Raley.....Mine Foreman

The mines of this company are located on the Big Savage Mountain about 3 miles northwest of Frostburg. They are drift openings working the fire clay seam. Ventilation is by natural means.

During the year 1934 this mine employed 13 men, worked 138 days and produced 2,909.03 net tons of fire clay.

**NORTH AMERICAN REFRACTORIES COMPANY**

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

This is a fire clay mine located about 3 miles northwest of Frostburg. It is a drift opening and ventilation is by natural means.

During the year 1934 this mine employed 18 men, worked 148 days and produced 6,964.19 net tons of fire clay.

**UNION MINING COMPANY**

Joseph Finzel.....Superintendent  
Thomas Machin.....Mine Foreman  
William Baker.....Mine Foreman

This Company's fire clay mines are located about 3 miles west of Mt. Savage on Savage Mountain. They are drift openings and ventilation is produced by a fan.

During the year 1934 the No. 6 opening employed 73 men, worked 154 days and produced 16,567.12 net tons of fire clay; the Strip Mine employed 10 men, worked 173 days and produced 6,793.00 net tons of fire clay; No. 1 Opening employed 8 men, worked 115 days and produced 1,258.15 net tons of fire clay.

**DESCRIPTION OF MINES IN GARRETT COUNTY  
CALENDAR YEAR 1934**

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H. C. BORDEN

O. W. Tasker.....Mine Foreman

This is a wagon mine operating in the Kittanning coal seam formerly operated by Boyd Mining Company. It is about 1 mile south of Kitzmiller. Ventilation and drainage are by natural means, which are adequate.

During the year 1934 this mine employed 6 men, worked 239 days and produced 3,003.10 net tons of coal.

CLIFFORD BRENNEMAN

Elder Hill Mine

This is a wagon mine operating in the "18-in." coal seam and is located near Friendsville, Md.

During the year 1934 this mine employed 1 man, worked 78 days and produced 308.00 net tons of coal.

H. N. BRENNEMAN

Elder Mine

This is an opening in the "18-in." coal seam. It is a wagon mine and is located near Friendsville, Md.

During the year 1934 this mine employed 2 men, worked 25 days and produced 47.19 net tons of coal.

J. H. CAMPBELL

Bender & Paugh Mine

This is a wagon mine operating in the Kittanning coal seam at Kitzmiller. Ventilation and drainage are by natural means.

During the year 1934 this mine employed 2 men, worked 132 days and produced 783.00 net tons of coal.

**CASTLEMAN VALLEY COAL COMPANY****Mine No. 1**

Guy F. Alexander.....Mine Foreman

This is a new mine located about 2 miles south of Grantsville on the Castleman Valley Railroad, working the Bakerstown coal seam.

During the year 1934 this mine employed 6 men, worked 227 days and produced 1,252.00 net tons of coal.

**CASTLEMAN VALLEY COAL COMPANY****Mine No. 3**

This is a mine located on Shade Run, near Grantsville, working the Freeport coal seam. Ventilation is by natural means.

During the year 1934 this mine employed 4 men, worked 34 days and produced 255.00 net tons of coal.

**JAMES COLLINS****Miller's Run Mine**

This is a wagon mine operating in the Kittanning seam near Oakland, Md.

During the year 1934 this mine employed 2 men, worked 150 days and produced 759.02 net tons of coal.

**EMMETT COSNER****Price Mine**

This is a small wagon mine operating in the Freeport coal seam located near Gorman, Md.

During the year 1934 this mine employed 2 men, worked 38 days and produced 127.10 net tons of coal.

**R. T. DAVIS & SONS**

This is a wagon mine operating in the Big Vein coal seam near Shaw, Md.

During the year 1934 this mine employed 3 men, worked 59 days and produced 251.00 net tons of coal.

## THE DAVIS COAL AND COKE COMPANY

## Kempton No. 42 Mine

S. H. Edeburn.....Supt. and Mine Foreman  
 Albert King.....Asst. Mine Foreman  
 Carl Luzier.....Asst. Mine Foreman  
 Richard Ryan.....Fire Boss  
 Mike Morris.....Fire Boss

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

During the year 1934 this mine employed 178 men, worked 163 days and produced 159,928.00 net tons of coal.

## JOHN DIXON

This is a small wagon mine in the Bakerstown coal seam located near Hubbard, Md.

During the year 1934 this mine employed 2 men, worked 35 days and produced 109.00 net tons of coal.

## J. W. DOVE &amp; SONS

## Gilbert Mine

This is a wagon mine and was formerly operated by C. J. Hanft and a description of it appears under that name.

During the time this mine was operated by the above Company it employed 3 men, worked 54 days and produced 317.00 net tons of coal.

## LLOYD FIKE

## Mill Run Mine

This is a wagon mine operating in the Freeport coal seam located near Friendsville, Md.

During the year 1934 it employed 2 men, worked 64 days and produced 856.00 net tons of coal.

## GEORGIAN COAL MINING COMPANY

## Georgian Mine

John L. Casey.....Superintendent  
 John Hughes.....Mine Foreman  
 Roy Butts.....Mine Foreman

This mine is located about 1 mile west of Gorman, Md. It is a drift opening, working the Freeport coal seam. It is on the Western Maryland Railway. Ventilation is produced by a fan driven by an electric motor.

During the year 1934 this mine employed 28 men, worked 159 days and produced 13,508.03 net tons of coal.

## HAMILL COAL AND COKE COMPANY

## Hamill Mines

R. A. Smith.....Superintendent  
 J. J. Walker....Mine Foreman (Kittanning Mine)  
 W. D. Walker....Mine Foreman (Kittanning Mine)  
 Charles Jones....Mine Foreman (Freeport Mine)

These mines are located about 1 mile north of Kitzmiller on the main line of the Western Maryland Railway. They consist of two openings, working the Kittanning and Freeport coal seams. Ventilation is by a fan.

During the year 1934 the Kittanning Mine employed 74 men, worked 127 days and produced 26,469.00 net tons of coal. The Freeport Mine employed 34 men, worked 127 days and produced 14,304.00 net tons of coal.

## C. J. HANFT

## Gilbert Mine

This is a wagon mine operating in the Kittanning coal seam near Table Rock, Md. This mine was later operated by J. W. Dove & Sons.

During the year 1934, while this opening was operated by C. J. Hanft, it employed 2 men, worked 73 days and produced 244.00 net tons of coal.

## NAY HARVEY

This is a wagon mine located near Deer Park, Maryland, and operates in the Freeport coal seam.

During the year 1934 this mine employed 1 man and produced 7.00 net tons of coal.

## J. J. HEBB

This is a wagon mine located on the Northwestern Turnpike about 1 mile from Table Rock and works the Kittanning coal seam. It is a slope opening and ventilation is by natural means. This mine was formerly operated by Shillenburg & Selders. The mine was worked out in March of this year.

During the year 1934 this mine employed 2 men, worked 52 days and produced 81.00 net tons of coal.

## W. O. HOUCK COAL COMPANY

## Stanton Mine

This mine was formerly worked by C. E. Stanton Coal Company. It is located on the Casselman Valley Railroad and operates in the Bakerstown coal seam.

During the year 1934 it employed 5 men, worked 122 days and produced 1,619.00 net tons of coal.

## I. L. HUFF

This is a wagon mine operating in the Bakerstown coal seam near Grantsville, Md.

During the year 1934 this mine employed 8 men, worked 101 days and produced 1,573.00 net tons of coal.

## GEORGE W. KEEFER

This is a wagon mine and was formerly known as the Fickey Mine operated by the Riverside Coal Company. It is located near Oakland, Md., and works the New River seam of coal.

During the year 1934 this mine employed 2 men, worked 166 days and produced 798.00 net tons of coal.

**J. M. KISNER****Sloan Mine**

This is a wagon mine located near Deep Creek Lake, near the bridge.

During the year 1934 this mine employed 2 men, worked 84 days and produced 242.00 net tons of coal.

**J. O. KITZMILLER****Sand Run Mine**

This is a wagon mine operating in the Harlem coal seam, located near Wilson Station, W. Va.

During the year 1934 this mine employed 2 men, worked 25 days and produced 70.00 net tons of coal.

**J. R. LIPSCOMB****Arnold Mine**

This is a wagon mine operating in the Kittanning coal seam, located several miles north of Kempton.

During the year 1934 it employed 1 man, worked 160 days and produced 800.00 net tons of coal.

**LOUIS COAL COMPANY****Louis Mine**

Louis Morgart.....Mine Foreman

This mine was formerly one of those operated by the Morgart Coal Mining Company and works the "C" Prime coal seam. It is located 1 mile west of Jennings on the Jennings Branch Railroad. Ventilation is produced by a fan driven by electric motor.

During the year 1934 this mine employed 16 men, worked 241 days and produced 8,494.00 net tons of coal.

**W. H. LOWER AND STEWART WAMSLEY**

This is a wagon mine operating in the Bakerstown coal seam located near Bayard, W. Va., on the Maryland side of the Potomac River.

During the year 1934 this mine employed 2 men, worked 5 days and produced 8.00 net tons of coal.

## McCULLOUGH COAL CORPORATION

## McCullough Mine

L. Lytle ..... Superintendent  
 C. Roberts..... Mine Foreman

This mine is located at Friendsville, Md., on the Kendall Branch of the Baltimore and Ohio Railroad. It is a drift opening working the "C" Prime coal seam. Ventilation is produced by a steam driven fan and is conducted to the working faces by doors, stoppings and overcasts and is usually in very good condition.

During the year 1934 this mine employed 15 men, worked 26 days and produced 1,439.00 net tons of coal.

## MANOR COAL COMPANY

G. W. Pritts..... Superintendent  
 Walter Iman..... Mine Foreman  
 O. W. Tasker..... Asst. Mine Foreman

## Succeeded by

R. E. Muffley..... Superintendent  
 Arthur Dahlgren..... Mine Foreman  
 Fitzhugh Burrell..... Asst. Foreman  
 Frank Damon..... Asst. Foreman

This mine is located at Vindex on the Chaffee Road, about 3 miles east of Kitzmiller. It is on the Chaffee Branch of the Western Maryland Railroad and is a drift opening working the Kittanning coal seam. Ventilation is by a steam-driven fan.

During the year 1934 this mine employed 163 men, worked 162 days and produced 82,073.00 net tons of coal.

## MARTIN &amp; BIGGS

This is a small wagon mine operating in the Freeport coal seam near Tasker Corners.

During the year 1934 this mine employed 3 men, worked 32 days and produced 110.00 net tons of coal.

## C. A. MERSING

This is a wagon mine operating in the Upper Freeport coal seam located near Taskers Corners.

During the year 1934 this mine employed 1 man, worked 30½ days and produced 75.03 net tons of coal.

## A. D. MICHAEL

This is a wagon mine operating in the Bakerstown coal seam located about 2 miles west of Barton.

During the year 1934 this mine employed 1 man, worked 21 days and produced 98.00 net tons of coal.

## EZRA MICHAELS COAL COMPANY

This is a wagon mine operating in the Bakerstown coal seam, located about 1½ miles above Reynolds on Mill Run. Ventilation is produced by a fan driven by a gasoline motor. During the latter part of the year this mine was operated by Shuhart Brothers.

During that part of the year 1934 this mine was operated by the above company, it employed 2 men, worked 18 days and produced 111.11 net tons of coal.

## ALBERT W. MOON

This is a wagon mine operating in what is thought to be the Upper Kittanning coal seam, located near Mountain Lake Park, Md.

During the year 1934 this mine employed 2 men, worked 78 days and produced 567.00 net tons of coal.

## MRS. JULIA MOON

## Moon Mine

This is a wagon mine operating in the Freeport coal seam located near Deer Park, Md.

During the year 1934 this mine employed 1 man, worked 35 days and produced 100.00 net tons of coal.

## EDWARD MORAN

This is a wagon mine with openings in the Big Vein and Tyson coal seams and is located on Franklin Hill near Westernport, Md.

During the year 1934 this mine employed 4 men, worked 120 days and produced 1,435.00 net tons of coal.

## MYERS COAL COMPANY

## Beachy Mine

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

This is a small wagon mine located about  $\frac{1}{2}$  mile west of Grantsville. It is a drift opening working the C-Prime coal seam. Ventilation is by natural means and complies with the law. The coal is hauled by trucks to the Casselman Valley Railroad about 1 mile east of Grantsville.

During the year 1934 this mine employed 5 men, worked 189 days and produced 3,080.16 net tons of coal.

## G. A. PATTISON ESTATE

This is a wagon mine operating in the Bakerstown coal seam located near Bloomington, Md.

During the year 1934 this mine employed 3 men, worked 110 days and produced 1,027.00 net tons of coal.

## PATTON COAL COMPANY

## Yoder Mine

This is a wagon mine operating in the Freeport coal seam.

During the year 1934 this mine employed 4 men, worked 59 days and produced 626.00 net tons of coal.

## EARL PAUGH

This is a wagon mine operating in the Freeport coal seam located near Mt. Zion Church.

During the year 1934 this mine employed 1 man, worked 138 days and produced 278.00 net tons of coal.

## PERRY PAUGH

This is a wagon mine operating in the Bakerstown coal seam located near Tasker Corners.

During the year 1934 this mine employed 2 men, worked 70 days and produced 189.10 net tons of coal.

## R. R. PIKE

This is a small wagon mine known as the Kimmell Mine operating in the Freeport coal seam, near Sines, Md.

During the year 1934 this mine employed 2 men, worked 68 days and produced 110.00 net tons of coal.

## RAWLINGS &amp; SON

This is a small wagon mine located near Kitzmiller, Md., and working the Kittanning coal seam.

During the year 1934 this mine employed 1 man, worked 5 days and produced 2,961.00 net tons of coal.

## HARLAND REAM

This is a small wagon mine located near Sines, Md., and operating in the Freeport coal seam.

During the year 1934 this mine employed 1 man, worked 82 days and produced 140.00 net tons of coal.

## R. J. ROSS COAL MINES, INC.

## Frog Hollow Mine

(Carroll Pattison, Receiver)

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

This mine is located near Bloomington on a branch of the Western Maryland Railway. It is a drift opening working in the Bakerstown coal seam. Ventilation is produced by two fans driven by electric motor.

During the year 1934 this mine employed 106 men, worked 112 days and produced 27,711.14 net tons of coal.

## L. M. ROWAN

This is a wagon mine operating in the Bakerstown coal seam located near Tasker Corners.

During the year 1934 this mine employed 2 men, worked 64 days and produced 420.00 net tons of coal.

## RUSSELL COAL COMPANY

This is a wagon mine operating in the Bakerstown coal seam located west of Barton, Md.

This mine during the year 1934 employed 2 men, worked 65 days and produced 237.00 net tons of coal.

## CARLO SCISCI

This is a small wagon mine located near Kitzmiller, Md., operating in the Freeport coal seam.

During the year 1934 this mine employed 2 men, worked 175 days and produced 1,131.00 net tons of coal.

## SHALLMAR MINING CORPORATION

## Wolf Den Mine

Howard Marshall.....	Superintendent
J. B. James.....	Mine Foreman
G. D. Parrish.....	Asst. Mine Foreman

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

During the year 1934 this mine employed 101 men, worked 126½ days and produced 60,210.00 net tons of coal.

## SHUHART BROS.

This mine was formerly worked by Ezra Michaels Coal Company and a description can be found under that name.

During the year 1934 this mine, when operated by the above Company, employed 3 men, worked 39 days and produced 304.00 net tons of coal.

**EARL SIMS**

This is a wagon mine operating in the Kittanning coal seam located near Crellin, Md.

During the year 1934 this mine employed 2 men, worked 41 days and produced 171.15 net tons of coal.

**SIMS & WILKINS**

This mine was formerly operated by Martin & Biggs and a description can be found under that name.

During that part of the year 1934 it was operated by the above company it employed 3 men, worked 36 days and produced 220.00 net tons of coal.

**A. G. SINES****Ryland Mine**

This is a wagon mine operating in the "B" coal seam and located near Friendsville, Md.

During the year 1934 this mine employed 1 man, worked 59 days and produced 168.10 net tons of coal.

**GEO. A. SLOAN****Shaw Mine**

This is a wagon mine operating in the "C" Prime coal seam and located near Grantsville, Md.

During the year 1934 this mine employed 3 men, worked 136 days and produced 1,014.15 net tons of coal.

**TABLE ROCK COAL COMPANY**

This is a wagon mine located near Table Rock and operating in the Kittanning coal seam.

During the year 1934 this mine employed 3 men, worked 153 days and produced 1,027.17 net tons of coal.

**EDWARD TASKER**

This is a wagon mine operating in the Kittanning coal seam located near Deer Park.

During the year 1934 this mine employed 1 man, worked 20 days and produced 35.00 net tons of coal.

### MELVIN WEIMER

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

During the year 1934 this mine employed 2 men, worked 94 days and produced 532.00 net tons of coal.

### G. C. WELCH

This is a wagon mine operating in the Freeport coal seam located near Tasker Corners.

During the year 1934 this mine employed 1 man, worked 20 days and produced 50.00 net tons of coal.

### EARL WINTERS

This is a wagon mine located near Oakland, Md., and operating in the Kittanning coal seam.

During the year 1934 this mine employed 1 man, worked — days and produced 248.00 net tons of coal.

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## **CONDITIONS SURROUNDING COAL MINING IN MARYLAND DURING THE CALENDAR YEAR 1934**

During the calendar year 1934, there was not as much activity among all the mines in Western Maryland as there was during the latter half of 1933. The mines of The Consolidation Coal Company, the largest operating Company in Maryland, worked practically five days a week, which was as much as the Code would permit, but the mines of some of the other companies, especially the smaller ones, did not work as many days. Especially was this true of those mines in the lower end of Georges Creek which cater to the domestic coal business.

There was an insistent demand for Big Vein coal and it was not possible to supply all of the demand for this high grade fuel. Some of the companies introduced screening methods for the Big Vein and Tyson coals. Up to recent years the coals in neither of these seams have been screened. Since the inception of mining, the coals in these two seams had been placed on the market as run-of-mine coal.

In the last two or three years there has arisen quite a demand for so-called "stoker" coal. This formerly included everything from about 1¼-inch diameter down to slack, but more recently has included only the slack coal. This size coal is used in mechanical stokers.

There continues to be a demand for lump coal mined in the Bakerstown seam. Some of this coal was trucked distances as great as 150 to 200 miles in adjoining states to Maryland. There was an increased amount of coal transported by trucks in 1934 over the amount so hauled in 1933.

The difficulty in mining the Bakerstown coal was in finding a market for the slack. To produce the lump sizes of this coal it is necessary to screen the coal and this results in considerable slack and it is almost impossible to dispose of this, and yet the Bakerstown mines cannot produce the lump coal unless they can market the slack. The railroads furnishing the cars will not permit the accumulation of their equipment loaded with slack and remain unbilled at the mines. Some method of cleaning or briquetting this slack coal, improving its quality and saleability, is highly desirable.

The introduction of the Code rules removes some of the advantages that the small mines had had over the larger mines in that the smaller mines were compelled to pay the same tonnage and day wages as the larger mines paid and though the smaller mines objected strenuously to the imposition of such rules, they were forced to comply with the Code rules.

The inspection of mining and loading operations continued to be excellent and the quality of the coal loaded was uniformly good.

There were no labor troubles. The mine employes are practically 100 per cent. organized at the present time.

## **THIRTEENTH EXAMINATION FOR MINE FOREMEN AND FIRE BOSSSES CERTIFICATE OF COMPETENCY**

**Frostburg, Maryland, August 28 and 29, 1934**

The following candidates were granted Second Class Certificates of Competency:

- No. 506—Carter, Robert L., Frostburg, Md.
- No. 507—Close, Noah Baker, Frostburg, Md.
- No. 508—Dahlgren, Arthur Rexford, Swanton, Md.
- No. 511—Finzel, Clarence, Frostburg, Md.
- No. 512—Holler, Daniel Albert, Westernport, Md.
- No. 514—Leake, Thomas Sidney, Lonaconing, Md.
- No. 516—Muffley, Ralph Elliott, Vindex, Md.
- No. 518—Steyer, Leon Datesman, Kempton, W. Va.

### **PROSECUTIONS**

**1934**

The operator of a small wagon mine in Allegany County was fined \$5.00 and costs for operating a mine with more than ten men without a certified mine foreman.

### **SAFETY ORDER**

A Safety Order requiring the discontinuance of steel T-iron railroad rails for bars was issued.

**REPORT OF VOCATIONAL MINING EDUCATION****School Year, September 25, 1933 to July 28, 1934**

This work is conducted in cooperation with the University of Maryland, the State Department of Education, the County Boards of Education of Allegany and Garrett Counties, and the Maryland Bureau of Mines.

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INSTRUCTORS:  
L. C. HUTSON  
R. D. EWING

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**Report on the Night Mining Classes**

The Night Mining Classes opened their sessions on September 25, 1933, and closed on May 18, 1934.

As usual the classes were grouped in two districts, the Upper Potomac District, in charge of Instructor Hutson, and the George's Creek District in charge of Instructor Ewing.

**UPPER POTOMAC DISTRICT****Organization and Schedule**

The Night Mining Classes were organized in the Upper Potomac District at the following points:

Monday .....	Gorman
Tuesday .....	Vindex
Wednesday .....	Kitzmilller
Thursday .....	Shallmar
Friday .....	Westernport

**Subjects**

Coal Mine Gases  
Coal Mine Ventilation  
Map Reading

**Gorman Class**

Number of men enrolled.....	24
Average age of students.....	29 years
Average previous educational preparation.....	7.7 years
Occupations:	
Miners .....	11
Laborers .....	6
Officials .....	1
Students .....	6
Nationalities:	
Americans (native born).....	24

**Vindex Class**

Number of men enrolled.....	54	
Average age of students.....	26	years
Average previous educational preparation.....	7	years
Occupations:		
Miners .....	20	
Laborers .....	15	
Officials .....	2	
Students .....	9	
Farmers .....	2	
Unemployed .....	6	
Nationalities:		
Americans (native born).....	52	
Scotch .....	1	
Italian .....	1	

**Kitzmiller Class**

Number of men enrolled.....	8	
Average age of students.....	26.5	years
Average previous educational preparation.....	9	years
Occupations:		
Miners .....	7	
Laborers .....	1	
Nationalities:		
Americans (native born).....	8	

**Shallmar Class**

Number of men enrolled.....	15	
Average age of students.....	29	years
Average previous educational preparation.....	7.1	years
Occupations:		
Miners .....	6	
Laborers .....	7	
Students .....	2	
Nationalities:		
Americans (native born).....	15	

**Westernport Class**

Number of men enrolled.....	10	
Average age of students.....	30.4	years
Average previous educational preparation.....	7	years
Occupations:		
Miners .....	7	
Laborers .....	2	
Officials .....	1	
Nationalities:		
Americans (native born).....	10	

**Summary**

Total number of men enrolled.....	111	
Average weekly attendance (5 classes).....	49	men
Average weekly attendance—Gorman.....	10	men
Average weekly attendance—Vindex.....	23	men

Average weekly attendance—Kitzmillar.....	4	men
Average weekly attendance—Shallmar.....	7	men
Average weekly attendance—Westernport.....	6	men
Average age of men enrolled.....	28.1	years
Average previous educational preparation.....	7.5	years
Americans enrolled (native born).....	98.2	%
Attendance of men enrolled.....	45	%
Miners enrolled.....	46	%
New men enrolled.....	33	%

**CONCLUSION**

While the attendance of this school-year, taken in connection with the comparatively small enrollment as compared with that of last year, is somewhat disappointing, yet some excellent work was performed by individual members of the classes, and an excellent groundwork was laid for the Short Course for the current year.

**GEORGE'S CREEK DISTRICT**

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R. D. EWING, Instructor

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**Organization and Schedule**

The Night Mining Classes were organized, in the George's Creek District, at the following points:

Monday .....	Mt. Savage
Tuesday .....	Lonaconing
*Wednesday .....	Eckhart
Thursday .....	Midland
Friday .....	Frostburg

\*The Wednesday class at Eckhart was discontinued on February 14, 1934, and a class opened at Jennings which continued to the end of the school term.

On the above schedule the classes met each week, with the exception of legal holidays. The subjects studied by the classes were as follows:

- |            |   |  |
|------------|---|--|
| Lonaconing | } | Arithmetic, Coal Mine Gases, Mine Ventilation,<br>Map Reading. |
| Midland    |   |  |
| Frostburg  |   |  |
| Jennings   |   | Arithmetic, Coal Mine Ventilation, Map Reading.                |
| Mt. Savage |   | Arithmetic, Coal Mine Ventilation, Geology of Coal.            |
| Eckhart    |   | Arithmetic, Coal Mine Ventilation, Coal Mine Gases.            |

## ANNUAL REPORT OF MARYLAND BUREAU OF MINES

**Mt. Savage Class**

Number of men enrolled.....	13
Average age of men.....	29.3 years
Average previous educational preparation.....	8.3 years
Nationalities:	
American (native born).....	13
Occupations:	
Mine Foremen .....	3
Miners .....	4
Machinists .....	1
Clerks .....	1
Laborers .....	4

**Lonaconing Class**

Number of men enrolled.....	29
Average age of men.....	30.5 years
Average previous educational preparation.....	7.3 years
Nationalities:	
American (native born).....	28
Scotch .....	1
Occupations:	
Mine foremen .....	5
Miners .....	14
Laborers .....	10

**Eckhart Class**

Number of men enrolled.....	16
Average age of men.....	30.4 years
Average previous educational preparation.....	7.5 years
Nationalities:	
American (native born).....	16
Occupations:	
Mine foremen .....	5
Clerks .....	5
Laborers .....	6

**Jennings Class**

Number of men enrolled.....	39
Average age of men.....	28 years
Average previous educational preparation.....	7.9 years
Nationalities:	
American (native born).....	39
Occupations:	
Miners .....	20
Laborers .....	10
Operators .....	3
Clerks .....	2
Students .....	4

**Midland Class**

Number of men enrolled.....	17
Average age of men.....	31.7 years
Average previous educational preparation.....	6.5 years
Nationalities:	
American (native born).....	17
Occupations:	
Engineer .....	1
Mine foremen .....	1
Miners .....	6
Laborers .....	7
Students .....	2

**Frostburg Class**

Number of men enrolled.....	31
Average age of men.....	34.5 years
Average previous educational preparation.....	7.4 years
Nationalities:	
American (native born).....	30
Scotch .....	1
Occupations:	
Mine Foremen .....	5
Mine Inspectors .....	1
Electricians .....	2
Transitmen .....	2
Operators .....	2
Clerks .....	2
Miners .....	10
Laborers .....	7

**Summary**

Total number of men enrolled.....	145
Average weekly attendance.....	53
Average weekly attendance—Mt. Savage class.....	5.7
Average weekly attendance—Lonaconing class .....	10.1
Average weekly attendance—Eckhart class (18 weeks).....	7.5
Average weekly attendance—Jennings class (14 weeks).....	22
Average weekly attendance—Midland class .....	9.0
Average weekly attendance—Frostburg class .....	11.3
Average age of men enrolled.....	30.6 years
Average previous educational preparation.....	7.4 years
Attendance of men enrolled.....	36.5%
Total number of native born Americans enrolled.....	143
Percentage of men enrolled (American native born).....	98.6%

**CONCLUSION**

The enrollment and attendance, this year, was slightly smaller than last year. The quality of the homework improved considerably. The results accomplished, in all the classes, was very encouraging.

The Jennings class was the largest during the period in which it was conducted. This was a new location and the interest manifested in the work was very gratifying.

There were seventy (70) new members enrolled in all classes. This number represents forty-eight (48) per cent of the total enrollment. Of the total enrollment, six (6) students have attended classes for eleven years, and twenty-three (23) students have attended classes for more than five years.

It is pleasing to note that several students, former miners, who have received instruction in the Night Mining Classes, and who from necessity have obtained employment in other industries, have continued to advance in their adopted occupations.

**REPORT ON THE SHORT COURSE IN COAL MINING—1934**

L. C. HUTSON, Director

The Eleventh Annual Short Course in Coal Mining, held at Frostburg, Maryland, opened June 18, 1934, and closed July 28, 1934.

The six weeks of the course were held in the State Normal School building at Frostburg, where excellent and ample classroom facilities were afforded.

**Instruction Staff and Subjects**

L. C. Hutson.....	Explosives, Coal Mine Ventilation, Haulage, Drainage and Pumping, Map Reading, Mine Law, Safety Lamps, Mining Arithmetic, Mine Fires and Explosions.
R. D. Ewing.....	Electricity Applied to Coal Mining, Mine Gases, Geology of Coal, Mine Law, Map Reading, Mining Arithmetic, First Aid, Mine Rescue.
J. J. Rutledge.....	Mining Methods, Mine Management.

**Schedule of Classes**

First Week.....	8.00 to 9.00—Mining Arithmetic 9.15 to 10.30—Explosives 10.45 to 12.00—Mining Methods 1.00 to 2.30—Map Reading 2.45 to 3.30—Mine Law
Second Week.....	8.00 to 9.00—Mining Arithmetic 8.15 to 10.30—Electricity 10.45 to 12.00—Mining Methods. 1.00 to 2.30—Map Reading 2.45 to 3.30—Mine Law
Third Week.....	8.00 to 9.00—Mining Arithmetic 9.15 to 10.30—Ventilation 10.45 to 12.00—Electricity 1.00 to 2.30—Safety Lamps 2.45 to 3.30—Mine Law
Fourth Week.....	8.00 to 9.00—Mining Arithmetic 9.15 to 10.30—Ventilation 10.45 to 12.00—Mine Gases 1.00 to 2.30—First Aid 2.45 to 3.30—Mine Law
Fifth Week.....	8.00 to 9.00—Mining Arithmetic 9.15 to 10.30—Drainage and Pumping 10.45 to 12.00—Haulage 1.00 to 4.00—Mine Rescue
Sixth Week.....	8.00 to 9.00—Mining Arithmetic 9.15 to 10.30—Geology 10.45 to 12.00—Mine Fires and Explosions 1.00 to 2.30—Mine Management 2.45 to 3.30—Mine Law

## Enrollment

Name	Address	Age	Occupation	Employer
James Taylor, Jr.	Frostburg	26	Miner	Pied. & Geo. Creek Coal Co.
William Smith	Lonaconing	25	Laborer	Consolidation Coal Company
Conrad Strube	Frostburg	32	Operator	Self
Chas. Rafferty	Frostburg	27	Laborer	Unemployed
Robt. Glodfelty	Frostburg	32	Asst. Foreman	Consolidation Coal Company
Maurice Bean	Frostburg	51	Asst. Foreman	Consolidation Coal Company
Robert Carter	Frostburg	45	Laborer	Consolidation Coal Company
Clarence Finzel	Frostburg	34	Miner	Consolidation Coal Company
Oscar Miller	Frostburg	41	Miner	Consolidation Coal Company
Noah Close	Frostburg	28	Laborer	Consolidation Coal Company
Raymond O'Neil	Mt. Savage	24	Miner	Allegany Big Vein Coal Co.
Leon Steyer	Kempton	30	Miner	Davis Coal & Coke Co.
Arthur Dahlgren	Vindex	32	Asst. Foreman	Manor Coal Company
John Cesnick	Frostburg	29	Miner	Consolidation Coal Company
Adam Patterson	Frostburg	41	Miner	Consolidation Coal Company
Wm. Langley	Midland	22	Textile Worker	Celenese Corporation
Sidney Leake	Lonaconing	24	Asst. Foreman	Maryland Coal Company
Dominick Arnold	Barton	21	Laborer	Lonaconing Big Vein Coal Co.
Arnold Richards	Frostburg	39	Miner	Unemployed
John Leptic	Frostburg	21	Miner	Consolidation Coal Company
Benj. Sweitzer	Frostburg	25	Miner	Consolidation Coal Company
Harold Jenkins	Frostburg	24	Textile Worker	Celenese Corporation

## CONCLUSION

The enrollment for this year was the second largest since the inception of the Course, being only exceeded by the enrollment of 1924, the first year the Course was held, when 32 men were enrolled. The enrollment for this year was 22.

The average age of the enrolled students for this year was 30 years. Of the total enrollment of 22 men, 14 were part-time students, either working on the night shift or attending only on days the mine was not working.

In spite of the broken attendance time of some of the students, this year's Course was undoubtedly one of the most successful in the eleven year period. The students were of more than average ability, and the quality and quantity of the written work was exceptional.

The attendance of two students from two of the most remote mining sections of Garrett County was very gratifying.