# FIFTEENTH ANNUAL REPORT 

MAPYIAND BUBEAU OF MNES
OF THE

## STATE OF MARYLAND

Under the Supervision of the State Board of Labor and Statistics HENRY LAY DUER, Commissioner*

CALENDAR YEAR 1937


TO

## HON. HARRY W. NICE

GOVERNOR OF MARYLAND

JOHN J. RUTLEDGE<br>Chief Mine Engineer

## LETTER OF TRANSMITTAL

## To His Excellency,

Hon. Harry W. Nice,
Governor of Maryland.

## SIR:

I have the honor to submit herewith the Fifteenth Annual Report of the Maryland Bureau of Mines for the period January 1 to December 31, 1937, 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 1937 

To His Excellency, Hon. Harry W. Nice, Governor of Maryland.

SIR:
The report herewith submitted is for the calendar year, 1937, and is the sixty-first 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 1937
(Net Tons, cwt.)


## COAL PRODUCTION, ALLEGANY COUNTY

During the calendar year, 1937, Allegany County employed 1,243 miners, 116 drivers, 234 inside laborers and 153 outside employes, making a total of $1,746 \mathrm{men}$. The production of coal for the year 1937 was $972,757.08$ net tons. This shows a production of 784.2 net tons for each miner employed during this period.

## COAL PRODUCTION, GARRETT COUNTY

During the calendar year, 1937, Garrett County employed 592 miners, 81 drivers, 94 inside laborers and 109 outside employes, making a total of 876 men. The production of coal for the year 1937 was $591,832.15$ net tons. This shows a production of 999.7 net tons for each miner employed during this period.

## FIRE CLAY PRODUCTION

During the calendar year, 1937, the fire clay mines in Allegany County employed 21 miners, 11 drivers, 99 inside laborers and 29 outside employes, making a total of 160 men. The production of fire clay during the calendar year, 1937, was $81,286.04$ net tons. The
greater portion of this tonnage came from semi-stripping operations along the outcrop.

## TONNAGE PER FATALITY (BY COUNTY)

In Allegany County for the calendar year, 1937, there were 324,252 net tons of coal produced for each fatal accident; number of fatalities per 1,000 employees 1.718 ; number of fatalities per $1,000,000$ tons of coal produced 3.084 .

In Garrett County for the calendar year, 1937, there were 118,366.4 tons of coal produced for each fatal accident; number of fatalities per 1,000 employees 5.707 ; number of fatalities per $1,000,000$ tons of coal produced 8.448.

## TONNAGE PER FATALITY FOR ENTIRE STATE

During the calendar year, 1937, there were 195,573 net tons of coal produced for each fatal accident; fatalities per 1,000 employes 3.05 ; number of fatalities per $1,000,000$ tons of coal produced 5.177.

## BALTIMORE'S EXPORT COAL BUSINESS IN 1937

Through the courtesy of the Import and Export Bureau, the Baltimore Association of Commerce, the Bureau has been furnished the following information:

Bituminous coal exports from the Port of Baltimore during the calendar year 1937 decreased in volume compared with 1936 , but continued as one of the Port's leading export commodities.

Total exports in 1937 amounted to 59,888 cargo tons transported in 14 vessels compared with 87,591 tons on 16 vessels during 1936 and 50,159 tons and 22 ships in 1935. Shipments during the year were 27,703 tons or 31.6 percent less than those for 1936 , and 9,729 tons or 19.4 percent greater compared with movements during 1935.

Cuba again continued in the role of leading customer for bitumionus coal from Baltimore by taking 38,603 tons on 8 vessels. Italy, which ranked second in 1936, did not participate in the movement during 1937 and was replaced by Newfoundland with an aggregate of 6,954 tons on 2 ships. Argentina was next with one ship-load of 6,583 tons followed by St. Pierre with 5,068 tons on 1 vessel, Canada with 2,180 tons on 1 vessel and Brazil with one shipment of 500 tons.

While exports decreased. bunker coal supplied vessels operating in the foreign trade from the Port during the year increased substantially, aggregating 133,103 tons compared with 97,293 tons for 1936 and 85,814 tons in 1935, representing increases of 36.8 percent and 56 percent respectively.

Export orders covering the first six months of the current year were in slightly heavier volume than those for the similar period of 1937 , being 25,338 tons compared with 20,809 tons. Countries receiving coal during the six months included Cuba with 3 ship-
ments totaling 10,870 tons, France with 9,993 tons on 1 vessel, Argentina with 1 ship-load of 4,282 tons, Bolivia with 2 shipments aggregating 190 tons and Venezuela with a single shipment of 3 tons.

PORT OF BALTIMORE EXPORTS OF BITUMINOUS COAL

Calendar years 1936 and 1937
By Countries
Calendar Year 1937
Country
Argentina
Vessels Tons Coal
6,583
Australia
1

Bolivia
500
Brazil
2,180
Chile
38,603
Italy
Newfoundland
$\begin{array}{r}6,954 \\ 5,068 \\ \hline 59,888\end{array}$

Calendar Year 1936

| Vessels | Tons Coal |
| :---: | ---: |
| 1 | 6,480 |
| 2 | 13,750 |
| 2 | 136 |
| $\cdots \cdots$ | $\ldots \ldots \ldots$ |
| $\cdots \cdots$ | 9,127 |
| 1 | 36,037 |
| 5 | 16,559 |
| 2 | 2,239 |
| 2 | 3,263 |
| 1 | - |
| 16 | 87,591 |

The following information is furnished through the courtesy of the Traffic and Transportation Bureau of the Baltimore Association of Commerce:

COMPARATIVE CONSOLIDATED NET TONNAGE REPORT COVERING ANTHRACITE AND BITUMINOUS COAL AND COKE RECEIPTS AT BALTIMORE FOR THE YEARS 1932, 1933, 1934, 1935, 1936 AND 1937

| Anthracite |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 |
| Track Delivery... | 527,626 | 488,172 | 436,160 | 376,535 | 431,089 | 375,056 |
| Over Piers- |  |  |  |  |  |  |
| Inside Capes... | 79,801 | 68,636 | 78,512 | 75,840 | 87,779 | 73,669 |
| Outside Capes | ............... | ................ | 440 | ............... | ............... | .............. |
| Total. | 607,427 | 556,808 | 515,112 | 452,375 | 518,868 | 448,725 |
|  |  | Bituminous |  |  |  |  |
|  | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 |
| Over Piers- |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Inside Capes... | 835,384 | 895,939 | 993,507 | 1,117,685 | 1,631,483 | 1,838,197 |
| Outside Capes | 151,864 | 253,229 | 491,327 | 561,968 | 433,384 | 324,130 |
| Total. | 1,875,978 | 2,143,820 | 2,493,305 | 2,609,742 | 3,088,925 | 3,343,321 |
|  |  | Coke |  |  |  |  |
|  | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 |
| Track Delivery... | 14,798 | 15,595 | 15,459 | 18,513 | 25,382 | 31,637 |
| Over Piers-- 78 |  |  |  |  |  |  |
| Inside Capes... |  | 1,439 |  | 85 | 78 | 324 |
| Outside Capes | 1,039 | 317 | 3,819 | 771 | 2,749 | 6,639 |
| Total............... | 15,837 | 17,351 | 19,278 | 19,369 | 28,209 | 38,600 |

## COAL TRANSPORTED BY THE RAILROADS TRAVERSING THE WESTERN MARYLAND COAL FIELD CALENDAR YEAR 1937

The coal shipments over the Cumberland \& Pennsylvania Railroad, which traverses the center of the George's Creek coal field, amounted to 592,877 net tons.

During the same period of time the coal mines served by the Western Maryland Railway Company produced 609,865 net tons. Of this total, 164,515 net tons originated in the George's Creek District.

For the same period mines located on the lines of the Baltimore and Ohio Railroad Company in Maryland made coal shipments amounting to 77,150 net tons.

## MARYLAND MINE INSPECTORS



# PERSONNEL, MARYLAND BUREAU OF MINES 

## Chief Mine Engineer

| District Mine Inspectors |  |  |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |
| Clerk-Stenographer |  |  |
| Miss Julia E. Jefferson.................. 22 Light Street, Baltimore |  |  |
| Clerk |  |  |
| Miss M. Agnes Probst............................... 22 Light Street, Baltimore |  |  |
| Mine Examining Board |  |  |
| John J. Rutledge, Chairman.................. 22 Light Street, Baltimore |  |  |
| B. H. McCrackin, Representing Operators <br> Frostburg Lawrence Dunn, Representing Miners Midland |  |  |
|  |  |  |
| OPERATING WAGON OR TRUCK MINES-1937 |  |  |
| Allegany County |  |  |
| Company No | No. Employees | Net Tons |
| Aden Coal Company, Aden Mine. | .. 4 | 1,406.00 |
| Atkinson Fuel Mine, No. 1 | 1 | 159.00 |
| Ayers, Vincent, Ayers Mine | 2 | 200.00 |
| Baker, Harvey, Baker Mine | 1 | 43.00 |
| Barnes, Henry S., Barnes Min | 3 | 260.00 |
| C. C. Bennett. | 1 | 170.00 |
| Bond \& Foot | - 4 | 2,197.00 |
| Brashear, William, Brashear Mine | 5 | 1,834.00 |
| Brennan Coal Company, Old Mill Mine | - 4 | 1,993.00 |
| Campbell Coal Company, Mill Run Mine | . 5 | 1,889.00 |
| Charlestown Big Vein Coal Co., Bivecol No. 2 | .. 6 | 3,047.10 |
| Clark Bros., Hungry Hill Min | $\cdots$ | 20.00 |
| Thomas J. Clark and Bro. Coal Co., No. 1 Clark Mine | ine | 4,742.00 |
| Deffenbaugh \& Jenkins, Sr., Helbig Mine....................... | $\cdots \cdots$ | 199.00 |
| Edw. Dye \& Son, Spier Mine. | 5 | 220.00 |
| W. R. Eisel. |  | 198.00 |
| H. G. Evans, Borden Mine | - 4 | 2,247.00 |
| Wm. Fazenbaker (Section of Pynhed Mine)................ | $\cdots$ | 575.17 |
| Filer Fuel Mine, Blan Avon Mine | 2 | 581.00 |
| Fletcher, Clarence, Rose Bud Mine | $\cdots$ | 899.00 |
| Frankenberry Fuel Mine (Chas.), Frankenberry Mine | ine 1 | 22.00 |
| Goodwin Fire Coal Mines, No. 1 Mine..... ${ }_{\text {a }}$ | $\cdots \cdots$ | 291.00 |
| J. O. J. Greene Fuel Mine |  | 1,094.00 |
|  | $\cdots$ | 4,170.00 |
| Kergan \& Kergan, No. 1 Kergan Mine | ... | 41.00 |
| Kergan \& Stevens, No. 1 Mine | $\cdots$ | 108.00 |
| Krouse, Christopher, Clarysville Mine. | -. 1 | 263.00 |
| Langham \& Boal, Langham Mine | ... 4 | 1,126.00 |
| Little Ben Coal Company, Pratt No. 3 Mine. | $\cdots$ | 1,739.00 |


| Ben Fike Coal Co., No. 2 Mine | 1 | 114.00 |
| :---: | :---: | :---: |
| Harvey, Arthur | 2 | 88.10 |
| Howard \& Maybury Coal Co., Ezra Michael's Mine. | 3 | 325.00 |
| I. L. Huff, Lewis Mine | 9 | 2,848.00 |
| J. A. Jackson \& Mark Butchel, Martin Bros. Mine | 2 | 110.00 |
|  | 5 | 308.00 |
| Liller, Ralph D., Gilbert Mine | 2 | 395.11 |
| J. R. Lipscomb, Arnold Mine. | 1 | 433.00 |
| A. D. Michael | 1 | 135.00 |
| Miller Mine No. 1 (Wm. F. Miller) | 2 | 79.12 |
| Mill Run George's Creek Coal Co. (Ezra Michael Mine) | 4 | 548.00 |
| Minor, Morris, Earl Paugh Mine | 4 | 768.10 |
| Moon, Noah G., Julia Moon Mine | 1 | 50.00 |
| Moran \& Kight, No. 1 Mine | 3 | 450.00 |
| Myers Coal Co., Beachey Mine. | 21 | 16,571.00 |
| Nightingale, Samuel, Carlo Mine | 4 | 157.00 |
| Orbin Coal Co. | 2 | 310.00 |
| Pattison, Charles, Pattison Mine | 6 | 4,211.00 |
| Paugh, Perry | 3 | 995.00 |
| Paugh, Robert M. | 4 | 2,255.15 |
| Pritts Bros. Coal Co. | 19 | 11,563.00 |
| L. M. Rawlings Co. | 3 | 1,250.00 |
| Ream, Harland G. | 2 | 25.00 |
| J. A. Ridinger, No. 1 Mine | 1 | 302.10 |
| Russell Coal Co., Russell Mine | 2 | 486.00 |
| Sausman, Harry F., Mill Run Mine. | 3 | 550.00 |
| W. W. Savage, No. 1 Mine......... | 5 | 1,099.00 |
| Shrock, Lyman | 1 | 182.00 |
| Shaffer, H. C., Biggs \& Martin Mine | 4 | 1,050.00 |
| Shaffer, Dewey, Lucky Jack Mine | 2 | 1,765.15 |
| Sharpless \& Jones, Dodson Mine.. | 2 | 49.00 |
| Sharpless, Leslie B., Carlo Mine. | 4 | 16.00 |
| Sims, Earl | 2 | 166.00 |
| Sisci, Carlo, Carlo Mine | 4 | 456.00 |
| Sloan, George E., Shaw Mine | 6 | 2,816.00 |
| Steyer, Keith, Mersing Mine. | 6 | 20.00 |
| Table Rock Coal Co. | 4 | 4,222.00 |
| Weimer, Melvin and Gilbert. | 2 | 293.00 |
| Welch, G. C. and Son, Liller \& Weeks Mine | 4 | 989.18 |
| Total... |  | 101,672.07 |

# TABLE OF MINE INSPECTIONS <br> ALLEGANY COUNTY CALENDAR YEAR 1937 

| Date Name of Company and Mine | Address | Inspector |
| :---: | :---: | :---: |
| Jan. 7-Stewart Mining Company, Blackberry Min | Mt. Savage | Powe |
| 7-Jackson Big Vein Coal Co., Caledonia Min | Lonaconing | Rowe |
|  | Lonaconing | owers |
| 2-5-MeNitt Coal Co., Bowery Furnace No- | Midlothian | Powers |
| Feb. 8-Koontz Coal Co.. Swanton Bakerstown Mine |  |  |
| 15-Maryland Coal Co., Swanton Big Vein Mine | Frostburg |  |
| 1-Campbell Coal Co., Hampshire No. | Piedmo | Row |
| 23-Consolidation Coal Co., No. 4 Mine | Eckhart | Powers |
| 24 -Consolidation Coal Co., No. 1 Mine | Ocean | Powers |
| 26 \& Mar. 2-Consolidation Coal Co., No. 17. | Lord | Powers |
| 27-Big Vein Coal Co. of Lonaconing | Lonaconing | Powers |
| Mar. 3-Vale Summit Coal Co., Davis Mine | Vale Summit | Powers |
| 5-Metz Coal Co., Metz Mine. | Barton | Rowe |
| 8-Maryland Union Coal Corp., Liberty | Mt. Savage | Powers |
| 15-Georges Creek Coal Co., Inc., Midlothian Min | Midothian | Powers |
| 17-18-Campbell Coal Company, Hampshire No. 3 | Piedmont | Rowe |
| 23-Jackson Big Vein Georges Creek Coal Co., Cale | Lonaconing | Rowe |
| 29-Potomae Fuel Co., Franklin No. 4. | W esternport | Rowe |
| 30-Consolidation Coal Co., No. 3 Mine. | Frostburg | Rowe |
| Apr. 6-Stewart Mining Co., Blackberry Mine | Mt. Savage | Powers |
| 7-A. P. Hoffa Coal Co., Phoenix Mine | Barton | Rowe |
| 8-Potomac Big Vein Geo. Crk. Coal Co., Union No. 1.... | Zihlman | Powers |
| $15-$ Consolidation Coal Co.. No. 1 Mine | Ocean | Powers |
| 19-Maryland Coal Co., Kingsland Min | Lonaconing | Row |
| 26-McNitt Coal Company, Bowery Furnace | Midlothian | Powers |
| May 3-Koontz Coal Co., Swanton Bakerstown Mine | Frostburg | Rowe |
| 4-Georges Creek Big Vein Coal Co, Bivecol Min | Lonaconing | Rowe |
| 10-Koontz Coal Co., Swanton Big Yein | Frostburg | Row |
| 10-Big Vein Coal Co. of Lonaconing, Castle Mi | Lonaconing | Powers |
| 12-Parker Hi-Grade Coal Co., Parker Mine | Barrellville | Powera |
| 17-Douglas Waddell. Waddell Mine | Lonaconing | Powers |
| June 3-Big Vein Coal Co. of Lonatoning, Castle | Lonaconing | Powers |
| 15-Jackson Big Vein Georges Creek Coal Co., Caledo | Barton | Row |
| 17-Strube \& Walbert Coal Co., Borden Mine | Borden | Powers |
| 17-John A. Sullivan, Sullivan Mine | Borden | Powers |
| July $\quad 2-$ Georges Creek Coal Co., Inc., No. 2 Big | Lonaconing | Powers |
| ${ }^{6}-$ Maryland Coal Company, Kingsland Mine | Lonaconing |  |
| 7-Big Vein Coal Company of Lonaconing, Castle Mine.... | Lonaconing | Powers |
| 15-Metz Coal Co., Metz Mine | Barton | Rowe |
| 21-Parker Hi-Grade Coal Co., Parker Min | Barrellville | Powers |
| ${ }^{23-C o n s o l i d a t i o n ~ C o a l ~ C o ., ~ N o, ~} 17$ Mine | Lord | Powers |
| 29-Union Mining Co.. Fire clay mine.. | Mt. Savage | Powers |
| 30, Aug. 4-17-Consolidation Coal Co,, No. 10 Mine | Eckhart | Powers |
| Aug. 4-Campbell Coal Company, Hampshire | Piedmont | Rowe |
| 9-10-Georges Creek Coal Co., Inc., Waynesburg No. | Lonaconing | Powers |
| 17-McDonald Coal Co., McDonald | Barton | Row |
| 19-Georges Creek Coal Co., Inc., No. 2 Big Vein. | Lonaconing | Powers |
| Sept. 1 \& 3-Campbell Coal Co., Hampshire No. 2 | Piedmont | Rowe |
| -North American Refractories Co., No. 6 | Mt. Savage | Powers |
|  | Lonaconing | Rowe |
| $9-$ Consolidation Coal Co., No. 4. | Eckhart | Powers |
| $21-$ Consolidation Coal Co., No. 3 | Frostburg | Rowe |
| ${ }^{23-M e t z ~ C o a l ~ C o ., ~ M e t z ~ M i n e ~}$ | Barton | Rowe |
| 27-Consolidation Coal Co., No. 1 Mine | Frostburg | Powers |
| Oct. 1-Thos. J. Clark \& Bros. Coal Co., Clark Bro | Barton | Rowe |
| 11-C. E. Thomas, Sunnyside Mine | Barrellville | Powe |
| 11-Maryland Coal Co., Kingsland Mine | Lonaconing | Rowe |
| 12 -Gunstan Coal Co., Stanton No. 1 M | Clarysville | Powe |
| 18-A. P. Hoffa Cosi Co., Phoenix Mine | Barton | Rowe |
| 22-Koontz Coal Co. Swanton Big Vein | Frostburg | Rowe |
| 25-Miller Coal Co., Miller Mine. | Barton | Rowe |
| 26-Koontz Coal Co., Swanton Bakerstown | Frostburg | Rowe |
| Nov. 1-Campbell Coal Co., Hampshire No. 3 Mine. | Pledmont | Rowe |

STATISTICS OF PRODUCTION, 1937

STATISTICS OF PRODUCTION, 1937

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STATISTICS OF PRODUCTION, 1937

FIRE CLAY MINES－ALLEGANY COUNTY

| Name of Company | $\underset{\text { of Mine }}{\text { Namber }}$ | $\begin{array}{\|c\|} \begin{array}{c} \text { Number } \\ \text { offer } \\ \text { Openings } \end{array} \end{array}$ | Coal Seam Worked | Distribution ofEmployees |  |  |  |  |  | Output Statistics |  |  | $\begin{aligned} & \text { Acci- } \\ & \text { dents } \end{aligned}$ |  | Mining Machines |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 品 | 菭 |  |  | $\stackrel{\text { 玉. }}{6}$ |  | $\underset{\vdots}{\ddot{Z}}$ |  | $\frac{\mathrm{E}}{\mathrm{E}}$ | $\underset{\sim}{E}$ |  |  |
| Big Savage Fire Brick Company Union Mining Company Union Mining Company Union Mining Company | No． 1 <br> Barrellville No． <br> Savage Mt．No． 1 <br> Tunnel | 1 | Clay Clay Clay Clay Clay | $\begin{array}{r}13 \\ \hline 8 \\ \cdots \\ \cdots \\ \cdots \\ \hline\end{array}$ | 2 2 2 4 2 1 1 | $\begin{array}{r} 2 \\ 4 \\ 70 \\ 17 \\ 17 \end{array}$ | 8 1 12 7 1 | 25 15 86 86 26 8 | 265 166 187 203 46 4 | 9，368．07 $7,253.19$ $17,348.18$ | $\underset{\substack{46,385 \times .00 \\ \hline 930.00}}{ }$ |  | $\cdots$ $\cdots$ $\cdots$ $\cdots$ $\cdots$ | 7 <br> 15 <br> 15 <br> 3 | Sullivan Rotator D．P． 331. Sullivan Rotator No． 7. |
| TOTAL |  |  |  | ${ }^{21}$ | 11 | 99 | 29 | 160 |  | 33．971．04 | 47，315．00 | 81，286．04 | $\cdots$ | 20 |  |

## NON-FATAL ACCIDENTS, CALENDAR YEAR 1937

|  | While digsing down coal a piece of rock fell out of the roof, striking and injuring <br> He was iffting the end of a cross-bar up on the less when he felt a sharp burning <br> Whiel carrin his left side e <br> He was shvelined coal in car when he stepped on a piece of rock, causing him to turn <br> He was drivien <br>  <br>  <br>  <br> He mashing pushis of tag araint catith the car split the latches, squeezing him against a <br> He was dleaning up fall when a piece of rock slid off the fall catching his leg against |
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## Cause of Accident, Nature and Extent of Injury Piece of top coal fell and hit him on head and shoulder.



big vein coal company of lonaconing, inc.-Pekin mine

CAMPBELL COAL COMPANY--hAMPSHIRE MINE


Allegany County




Name of Person Injured
Mike McCabe



*


* なぁ



CONSOLIDATION COAL COMPANY-CONSOL. MINE NO. 4 (Continued)



[^0] $\underset{\substack{\text { Married or } \\ \text { Single }}}{\substack{\text { Number Days } \\ \text { Lost }}} \underset{\substack{\text { Number in } \\ \text { Fandy }}}{\text { CONS }}$


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|  |  |  |  |  |
|  |  | $\infty$ ※ <br> 产 |  |  |


| iny down rock，post swung out，striking injured mari on knee．Cortusion of ghe jack to lift cutting machine；jack slipped，causing injured to sprain back usting hitching on motor，caught fingers between motor and cars．Contused and lacerated fingers． <br> Stening friction on mining machine，bar slipped，striking injured on elbow． <br> Sliver of coal imbedded in elbow，causing infection． bottom while removing loaded car．Sprain of back and knee． <br> and knee．Struck on hand，fracturing finger． <br> of draw reck．Fractured toe． <br> le taking chains and pans off conveyor，glove caught in chain（which was being sent on conveyor to face of place），causing his arm to be caught between chain and roof． <br> to load pump motor on loaded car，caught finger between cage of gear |
| :---: |
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Cause of Accident，Nature and Extent of Injury
He hit his thumb with a hammer and it became infected．
Kicked by mule．Right thigh cut and bruised．
Cause of Accident，Nature and Extent of Injury
Fall of breast coal．Left ankle and foot sprained and bruised．
Cause of Accident，Nature and Extent of Injury

[^1]CONSOLIDATION COAL COMPANY－CONSOL．MINE NO． 17 （Continued）


|  | \％${ }_{\text {\％}}^{\text {gix }}$ | ${ }_{4}^{*}$ | $\stackrel{\infty}{\sim}$ | 发 | \％ | \％ | 4 |  |
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jackson big vein georges creek coal company-caledonia mine






| Date | Name of Person Injured | Occupation |
| :---: | :---: | :---: |
| $\begin{array}{llll} \begin{array}{llll} \text { Mar. } & 25 \\ \text { Fubb. } & 23 \\ \text { In } \end{array} & 13 \end{array}$ |  | $\begin{gathered} \text { Miner } \\ \text { Miner } \\ \text { Miner } \end{gathered}$ |
| Date | Name of Person Injured | cuation |
| $\begin{array}{ll} \text { Oct. } & \begin{array}{c} \text { On } \\ \text { Jan. } \end{array} \\ \hline & 23 \end{array}$ | George Tippon Peter Prato Joseph Comer | $\begin{aligned} & \text { Miner } \\ & \text { Miner } \end{aligned}$ |
| Date | Name of Person Injured | Occupation |
|  |  |  |
| Da | Name of Person Injured | pation |
| $\begin{array}{ll} \text { Apre. } & 28 \\ \text { May } & 25 \\ \text { Day. } & 27 \\ \text { De. } & 14 \end{array}$ | Harry Rantelift Patrick Freal Fanl Waibert Edward Evan | $\begin{gathered} \text { Miner } \\ \text { Miner } \\ \text { Miner } \\ \text { Miner } \end{gathered}$ |
| Date | Name of Person Injured | Occupation |
| $\begin{aligned} & \text { Jone } \\ & \text { Joce } \\ & \text { Dec. } \end{aligned}$ |  | $\begin{aligned} & \text { Miner } \\ & \text { Miner } \\ & \text { Truck Driver } \end{aligned}$ |
| $\begin{gathered} \text { Date } \\ \text { Apr. } \\ 29 \end{gathered}$ | Name of Person Injured Richard Waddell | $\underset{\text { Mincr }}{\substack{\text { Occupation }}}$ |

NON－FATAL ACCIDENTS，CALENDAR YEAR 1937



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##  <br> 


 Top eoar fiel on right hand. Fracture of index finger. rieht hand.
Replacing an mine car on track and caught hand and arm between roof and top of






苞





 Name of Person Injured



| Employee was carrying two ties and tripped on a spike in track. Fracture of third and <br>  <br>  Loodidit hanck. into mining car and a pieece broke and fell on employee's right foot. Pushing a mine car and sprained himself. Swelling of left side of scrotum. Load jumped the track and caught employees knee between two cars tur Draw rock fell and caught employee on right leg. Bruised back and fracture of the Loand fourth lumbar vertebian right side. Cop coal roled on him. Cut and bruised second, third and fourth <br>  <br>  on the was releasing brake on mine car and the brake few back, striking him He wase pushing a wheelbarrow and fell, striking his knee against a rock. Bruised <br>  <br>  <br>  Driving bumper or cart brimmer, the hanmee slipped of the hande and struck em bruised second, third, and fourth fingers, right hand. <br>  |
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$\quad$| Cause of Accident, Nature and Extent of Injury |
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Piece of slate fell on foot and ankle.

[^2]Shallmar mining corporation-wolf den mine (Continued)


## wVas xis litis-govavs 'm 'm <br> 


big savage fire brick company-frederick y. borden, receiver








Oscar Krierman

## TABLE OF MINE INSPECTIONS• ALLEGANY COUNTY CALENDAR YEAR 1937

| Date Name of Company and Mine |  | Address | Inspector |
| :---: | :---: | :---: | :---: |
| Nov. | 2-William \& Keister Coal Co., Washington No. 1.- | Frostburg | Rowe |
|  | 3-Mrs. E. R. Brennan \& Sons, Old Mill Mine. |  | Rowe |
| .. | 4--McDonald Coal Co., McDonald Mine | Barton | Rowe |
| ، |  | Mt. Savage | Powers |
| " | 17-18-Campbell Coal Co., Hampshire No. 2 Mine | Piedmont | Powers |
| " | 18-19-McNitt Coal Co., Bowery Furnace No. | Midlothian | Powers |
| " | 23-C. E. Thomas Coal Co., Sunnyside Mine | Barrellville | Power |
| ' | 26-Potomac Big Vein Geo. Crk. Coal Co., Potomac | Lonaconing | Row |
|  | $30-B i g$ Vein Coal Co. of Lonaconing, Castle C.................. | Lonaconing | Powers |
| Dec. | 1-Douglas Waddell, Waddell Mine | Lonaconing | Powers |
|  | 3-Williams \& Keister Coal Co., Washington No. 1. | Frostburg | Rowe |
| ، | 7-Georges Creek Coal Co., Inc., Midlothian.. | Midothian | Powers |
| " | 8--Parket Hi-Grade Coal Co., Parker Mine | Barrellville | Powers |
| . | 9-Miners Big Vein Coal Co., Bivecol No. 1. | Lonaconing | Rowe |
| '. | 9 -Charleston Big Vein Coal Co., Bivecol No. 2. | Lonaconing | Rowe |
|  | 13-Metz Coal Co., Metz Mine | Barton | Rowe |
| " | 14-Vale Summit Coal Co., Davis Mine. | Vale Summit | Powers |
| * | 16-Thomas J. Clark \& Bro., Clark Mine | Barton | Rowe |
| " | 21 -Georges Creek Coal Co., Inc., No. 2 Big Vein | Lonaconing | Powers |
| " | $28-$ Consolidation Coal Co.. No. 17 | Lord | Powers |
| * | 30 Consolidation Coal Co., No. 4. | Eckhart | Powers |

## TABLE OF MINE INSPECTIONS <br> CALENDAR YEAR 1937 GARRETT COUNTY



Scene of Urban Shea Accident

## FATAL ACCIDENTS-1937

## ALLEGANY COUNTY

On October 13, 1937, between 12:30 P. M. and 2:00 P. M., Urban Shea, a Driver employed in the Union No. 1 Mine, working the Pittsburgh coal seam, of the Potomac Big Vein Georges Creek Coal Company, Zihlman, Md., was fatally injured as the result of being crushed under an empty car.

From the evidence given at the Inspector's hearing, it appears that Mr. Shea was placing a mine car to Mr. Joseph Lewis, and the car came back down the heading catching him $120-\mathrm{ft}$. back from Mr. Lewis' room switch. Mr. Shea's lamp and cap were found about $45-\mathrm{ft}$. back from the switch frog and his body was found by Mr. William Porter, a laborer, $120-\mathrm{ft}$. back from the switch frog. There was no witness to the accident, and it is not known how Mr. Shea fell under the mine car.

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Time of Accident-October 13, 1937, between 12:30 P. M. and 2:00
    P. M.
Time of Death-October 13, 1937.
Name of Injured-Urban Shea.
Nationality--American.
Age-37 years.
Married or Single-Married.
Number of Dependents-Wife.
Residence-Borden Yard, Frostburg.
Inspector in Charge of District-Frank T. Powers.
Time and Date of Inspection-October 13, 1937, by Stanley Weimer and Frank T. Powers.
Recommendation-A set of safety standards for all employes and strict supervision.
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On December 2, 1937, about 10:30 A. M., Harmon Michaels, a miner employed in the Parker Mine (Parker Coal Seam) of the Parker Hi-Grade Coal Company, Barrellville, Md., was killed by a fall of roof rock.

Mr. Michaels was killed by a fall of roof rock, while removing a pillar on the lower side of Back End Heading, and died in the Miners Hospital, Frostburg, Md., on the same day at 11:00 P. M. Mr. Michaels was working with the Mine Foreman and owner of the mine, Melvin Reed, and Carl Hockenberry. Mr. Michaels was working on the side near the Heading and the bottom rock was taken up for height. They were loading a car and a large piece of rock gave away and caught Mr. Michaels' hips on the edge of

the rock that had been taken up, crushing him very severely through the hips, causing his death that same night.

> Time of Accident-December 2, 1937, about 10:30 A. M.
> Time of Death-December 2, 1937, 11:00 P. M.
> Name of Injured-Harmon Michaels.
> Nationality-American.
> Age-40 years.
> Married or Single-Married.
> Number of Dependents-Two.
> Residence-Barrellville, Md.
> Inspector in Charge of District-Frank T. Powers.
> Time and Date of Inspection-December 3, 1937, 9:30 A. M. by Frank $\quad$ T. Powers.

On January 26, 1937, at 12:10 P. M., Tilden Boor, a miner employed by the George's Creek Coal Co., Inc., Midlothian Mine, (Tyson coal seam) was instantly killed by being hit by the rope or trip while he was going into the mine. Mr. Boor was working on the night shift and had come to work earlier than usual on the day he was killed and was told by the Weighboss that he could not go into the mine until he saw the Trip-runner or the mine foreman and as they were in the mine he would have to wait until the trip came out. Mr. Boor did not wait until the trip came out and went in the mine and was struck by either the rope on the haulage-way or the trip. If a manway had been provided this accident would not have happened.

Time of Accident-JJanuary 26, 1937, 12:10 P. M.
Time of Death-Instantly.
Name of Injured-Tilden Boor.
Nationality-American.
Age- 59 years.
Married or Single-Married.
Number of Dependents-Three.
Residence-Lonaconing, Md.
Inspector in Charge of District-Frank T. Powers.
Time and Date of Inspection-1:00 P. M., January 26, 1937, by Frank T. Powers, John Keister, Robert Todd.

Recommendation-No traveling on haulroads should be permitted.


On December 1, 1937, about 7:45 A. M., Thomas Danahey was killed at the Pekin Mine, working the Big Vein seam of coal, of the Big Vein Coal Company of Lonaconing, Inc., Lonaconing, Md., while picking coal under the tipple. The dump man on the tipple pulled a piece of bone coal from a loaded car as it was being dumped which fell on Mr. Danahey striking him on the head, fracturing his skull.

Time of Accident-December 1, 1937, about 7:45 A. M.
Time of Death-December 1, 1937.
Name of Injured-Thomas Danahey.
Nationality-Irish.
Age-67 years.
Married or Single-Married.
Number of Dependents-None.
Residence-Pekin, Md.
Inspector in Charge of District-C. J. Rowe.
Time and Date of Inspection--December 3, 1937, by C. J. Rowe.
Recommendation-Coal pickers must be kept away from tipple while mine is in operation.

## GARRETT COUNTY

On March 20, 1937, at $12: 20$ A. M., Allen Clarence Butler, a shotfirer employed by the Manor Coal Company, Vindex,, Maryland, sustained powder burns causing his death the same day at 7:30 P. M. Mr. Butler was carrying powder into a room to shoot the coal when powder became ignited, burning him over the entire body. This mine works the Lower Kittanning coal seam.

Time of Accident-March 20, 1937, 12:20 A. M.
Time of Death—March 20, 1937, 7:30 P. M.
Name of Injured-Allen Clarence Butler.
Nationality-American.
Age-48 years.
Married or Single-Married.
Number of Dependents-Wife and four children.
Residence-Vindex, Md.
Inspector in Charge of District-Clyde J. Rowe.
Recommendation-That powder must not be carried in anything except an inflammable non-conductor container. That permissible type explosive be used. That shot-firer, if using black or pellet powder, must use a closed light. That a telephone be installed in the first-aid station with connection to the office or the doctor.

On April 29, 1937, about 1:00 P. M., Elisha C. Spiker, a miner employed by the Shallmar Mining Corporation, Shallmar, Md., was fatally injured by a fall of rock and died the same day. This fatality occurred in the Wolf Den Mine working the Lower Kittanning Coal Seam.

Mr. Spiker was evidently walking in roadway to face when a fall of rock struck him, causing instant death. This rock fell from the top rock which shows mud slips and smooth slips on all sides.

Time of Accident-April 29, 1937, about 1:00 P. M.
Time of Death-Instantly.
Name of Injured-Elisha C. Spiker.
Nationality-American.
Age-63 years.
Married or Single-Married.
Number of Dependents-None under 21 years of age.
Residence-Shallmar, Md.
Inspector in Charge of District-Clyde J. Rowe.
Time and Date of Inspection-April 30, 1937, 10:00 A. M., by J. J. Rutledge, H. A. Marshall, George Parrish, Stephen Newhouse and C. J. Rowe.

Recommendation-More particular attention must be paid to roof in this section where mud slips frequently occur.


On August 18, 1937, at 11:30 A. M., two miners, Mike Chitona and Joseph Dennis, Sr., employed in the Wolf Den Mine of the Shallmar Mining Corporation, Shallmar, Md., working the Lower Kittanning coal seam, were killed by a fall of middle rock.

Mr. Chitona was apparently setting a prop on the left side of the place while his buddy, Mr. Dennis, was going toward the working face, when a pot in the middle rock fell catching them both. Mr. Chitona was killed instantly ; Mr. Dennis lived long enough to call for help.

Time of Accident-August 18, 1937, 11:30 A. M.<br>Time of Death-August 18, 1937.<br>Name of Injured-Mike Chitona.<br>Nationality-Lithuanian.<br>Age-40 years.<br>Married or Single-Single.<br>Number of Dependents-None.<br>Residence-Kitzmiller, Md.<br>Inspector in Charge of District-C. J. Rowe.<br>Time and Date of Inspection-August 18, 1937, 12:15 P. M., by George Parrish, Steve Newhouse and C. J. Rowe.<br>Name of Injured-Joseph Dennis, Sr.<br>Nationality-Lithuanian.<br>Age- 57 years.<br>Married or Single-Married.<br>Number of Dependents-Six.<br>Residence-Shallmar, Md.

Recommendation-That rigid enforcement of required timbering standards be started at once.

On September 15, 1937, at 9:30 A. M., Gorman Jenkins, Miner, working his own mine, Kittanning coal seam, was fatally injured by powder burns, causing his death on September 17, 1937.

Mr. Jenkins was operating his own coal mine, located on the New Germany, West Shale Road, on Meadow Mountain. It was his first day in this mine this year; he had been working for the H. L. Bowman Coal Company. From information received from Mr. Dewey Yommer, who talked with the victim in the Hospital in Meyersdale, Mr. Jenkins was drying some powder in a sack, and had ten pounds of the new powder in a paper sack in the building, while he was sharpening his coal auger and in some manner the powder exploded burning him about the head, face, chest and back.

The Maryland Bureau of Mines had never received any report

of tonnage or accidents from this mine and did not know of its existence.

Time of Accident-September 15, 1937, about 9:30 A. M.
Time of Death-September 17, 1937.
Name of Injured-Gorman Jenkins.
Nationality-American.
Age-38 years.
Married or Single-Married.
Number of Dependents-Wife and five children.
Residence--New Germany Road.
Inspector in Charge of District-Frank T. Powers.
Time and Date of Inspection-September 17, 1937, by Frank T. Powers.

Recommendation-All small mines should come under the Mining Law.

Remarks-This accident could have been prevented if this man had obeyed the Mining Laws and not taken powder in a paper sack in or around the mines. It is also impossible to prevent accidents of this nature if the Maryland Bureau of Mines does not have supervision of all small mines.

On December 9, 1937, at 11:30 A. M., Edward Chester Clark, a miner employed in the Six Foot (Kittanning) Mine of the Hamill Coal and Coke Co., Kitzmiller, Md., was fatally injured by a fall of Top Rock.

Mr. Clark and his father were loading a car when section of roof, which was a combination of mud slip and smooth slip, fell on him.

Time of Accident-December 9, 1937, 11:30 A. M.
Time of Death-December 9, 1937.
Name of Injured-Edward Chester Clark.
Nationality-American.
Age--19 years.
Married or Single-Single.
Number of Dependents-None.
Residence-Kitzmiller, Md.
Inspector in Charge of District-C. J. Rowe.
Time and Date of Inspection-December 10, 1937, 10:30 A. M., by J. J. Walker and C. J. Rowe.

Recommendation-Roof could not have been properly tested.
Remarks-The combination of mud slip and smooth slip is very dangerous but in this case it should have been easily detected as the rock started at feather edge on the mud slip and only 11 inches thick at the smooth slip. Considerable area was covered by the fall but the only piece of any size was the one which struck the victim.


FATAL ACCIDENTS-

| Date |  | Name of Person Injured | Occupation | Age | Name of Company |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oct. | 13 | Urban Shea | Driver | 37 | Potomac Big Vein Georges Creek Coal Co. |
| *Dec. | 1 | Thomas Danahey | Trespasser | 67 | Big Vein Coal Company of Lonaconing, Inc. |
| Dec. | 2 | Harman Michaels | Miner | 40 | Parker Hi-Grade Coal Co. |
| Jan. | 26 | 'Tilden Boor | Miner | 59 | George's Creek Coal Mining Co. |

*This is not considered a mine accident.

FATAL ACCIDENTS-

| Date | Name of Person <br> Injured | Occupation | Age | Name of Company |
| :---: | :--- | :--- | :--- | :--- |
| Mar. 20 | Allan Clarence Butler | Shot-frer | 48 | Manor Coal Co. |
| Apr. 29 | Elisha C. Spiker | Miner | Miner | 63 |
| Aug. 18 | Mike Chitona | Mhallmar Mining Corp. |  |  |
| Aug. 18 | Joseph Dennis | Miner | Shallmar Mining Corp. |  |
| *Sept. 15 | Gorman Jenkins | Miner | 37 | Shallmar Mining Corp. |
| Dec. 9 | Edward Chester Clark | Miner | Working for himself |  |

*This was a small opening and was not under the jurisdiction of the Bureau of Mines.

## ALLEGANY COUNTY, 1937

| Married or Single | No. in Family | Nationality | Residence | Cause of Accident, Nature and Extent of Injury |
| :---: | :---: | :---: | :---: | :---: |
| Married | 1 | American | Borden Yard | Fell under mine car and crushed. |
| Married | .... | Irish | Pekin | Lump of coal fell off tipple, striking him. |
| Married | 2 | American | Barrellville | Fall of roof rock. |
| Married | 3 | American | Lonaconing | Struck by rope or trip. |

GARRETT COUNTY, 1937

| Married or Single | No. in Family | Nationality | Residence | Cause of Accident, Nature and Extent of Injury |
| :---: | :---: | :---: | :---: | :---: |
| Married | 5 | American | Vindex | Ignition of black powder. |
| Married | .... | American | Shallmar | Fall of roof rock. |
| Single | $\cdots$ | Lithuanian | Kitzmiller | Fall of middle rock |
| Married | 6 | Lithuanian | Shallmar | Fall of middle rock |
| Married | 6 | American | New Germany Road | Burned by accidental ignition of black blasting powder. |
| Single | ---- | American | Kitzmiller | Fall of top rock. |

## COMPENSATION AWARDED FOR FATALITIES <br> DURING YEAR 1937

| Date of Injury | Victim | Company Where Employed | Direct Payment | Medical | Funeral | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jan. 26 | $\begin{aligned} & \text { Tilden Reynolds } \\ & \text { Boor } \end{aligned}$ | Georges Creek Coal Co., Inc. | \$2,775.00 | -.----.-. |  | \$2,775.01 |
| Mar. 20 | Allen Clarence Butler | Manor Coal Co. | *5,000.00 | .......... | 125.00 | 5,125.00 |
| Apr. 29 | Elisha. C. Spiker | Shallmar Mining Corp. | * 5,000.00 |  | 125.00 | 5,125,00 |
| Aug. 18 | Joseph Dennis | Shallmar Mining Corp. | *4,296.28 | $\ldots$ | 125,00 | 4,421.28 |
| Aug. 18 | Mike Chipponas | Shallmar Mining Corp. |  |  |  |  |
| Oct. 13 | Urban Shea | Potomac Big Vein Georges Creek Coal Co. | *5,000.00 | -..... | 125.00 | 5,125.00 |
| Dec. 2 | James H. Michaels | Parker Hi-Grade Coal Company | ${ }^{4} 5,000.00$ |  | 125.00 | 5,125.00 |
| Dec. 9 | Edward C. Clark | Hamill Coal \& Coke Co, <br> TOTAL | 1,250.00 | 5.00 | .......... | 1,255.00 |
|  |  | TOTAL | \$28.321.28 | \$ 5.00 | \$625.00 | 328,951.28 |
|  |  |  | **\$4,025,00 | \$ 5.00 |  | $4,030.00$ |

*These figures are estimates, no actual amounts received.
**These figures are the totals for actual amounts received.

## FATAL ACCIDENTS CALENDAR YEAR 1937

Tilden Boor was killed on January 26, 1937. Mr. Boor and his son had been working on the night shift and they were the only two men working on the night shift. The day on which the accident occurred the son was not with Mr. Boor. Mr. Boor came to the mine about 11:00 A. M.

A day or two previous two miners had complained of some loose roof rock in the manway and the District Mine Inspector had examined the roof and found some loose roof and after a conference with the mine foreman and members of the Pit Committee, had given the order that the regular manway could not be used until the loose roof was taken down and the manway made safe. Meantime between 7:00 A. M. and 2:00 P. M. no one could travel on the haulageway, but before 7:00 A. M. and after 2:00 P. M. the haulageway could be used as a manway until the regular manway was made safe. This was understood by all the employees and particularly by the outside employees. It was distinctly understood that no one could go in on the haulageway between the hours of 7:00 A. M. and 2:00 P. M. without the express permission of the Mine Foreman.

Mr. Boor came to the mine about 11:00 A. M. and started up the incline towards the mouth of the mine, and was overtaken and brought back by the company weighman, who reminded him of the order prohibiting the use of the haulageway. He was brought back to the tipple by the company weighman and said that he understood that he was not to use the haulageway except with special permission. The company weighman went on about his business and a short time afterwards he was advised by telephone from the mine workings that Mr. Boor had been struck by the trip.

Mr. Boor had gone in against orders and, as evidenced by the condition in which he was found and the location of his cap and pit lamp, he had been struck by the tail-rope. He may have fainted and fallen on the rope as he was reputed to be in poor health and under the care of a physician. At any rate his death is directly due to violation of the orders of the Inspector and the Mine Foreman.

Allen Clarence Butler died on March 20, 1937, as the result of an accident in Manor No. 1 Mine of the Manor Coal Company, Vindex, Md. Mr. Butler was reputed to be an inveterate cigarette smoker and one who rolled his own cigarettes. He was on his rounds carrying some pellet powder and had reached No. 9 room, 11th Butt, 3rd Left, and was at a point about 34 feet from the face of the working place when the accident happened. Two men were at work at the face of room No. 8. A combined cable reel and trolley electric haul-
age locomotive was in No. 9 room. The trolley pole was down and the locomotive was about 34 feet from the working face. Before he died Mr. Butler stated that as he passed the locomotive there was a flash and then a second flash and he was burned. The two men who were at the face of No. 8 room drilling, stated that they felt or saw a flash and then a second one. Mr. Butler stated that the first flash occurred as he was passing the locomotive. The two men at the working face stated there was so much smoke at the face of the room that they came out on to the butt heading and soon after Mr. Butler came down to the heading. His clothing was afire and they extinguished it and then gave him such first aid as they could, and took him in a trip to the outside and turned him over to a doctor.

As previously stated the explosive used in this mine is pellet powder and waterproof canvas carrying bags are provided by the company in which to carry it. No trace of a bag could be found after the explosion. Mr. Butler may have been carrying the explosive in a burlap sack or on his person. No trace of any such sack could be found.

An examination was made of the locomotive and there was no place where any insulation had been burned off the wires as would have occurred if there had been any serious grounding. Moreover, two employees and an electrician examined the locomotive afterwards and were not able to find any defects in the wiring or insulation and the motor was brought to the outside under its own power.

The deceased undoubtedly contributed to his own death, either by dropping a lighted cigarette into the pellet powder or by his open carbide lamp falling on the powder.

In some instances miners tear the paper covering off the pellet powder, especially on the ends, as they think in this way they add to the efficiency of the explosives. At other times broken sticks of the powder are used and these are easily ignited.

This is another case against black powder. There was no evidence of arcing on the motor and the trolley pole was fastened down. This was a combination trolley and cable locomotive and the cable was two-wire cable.

Elisha C. Spiker died on April 29, 1937, as the result of the fall of the main roof. He was killed instantly. There are many mud slips and smooth slips in the roof of this Six Foot Mine and it is necessary to pay special attention to the roof for this reason.

Mike Chitona and Joseph Dennis, Sr., were killed by a fall of middle or "dynamite" rock. Apparently Chitona was in the act of setting a prop when the fall occurred. This was a double fatality and
since both men were killed undoubtedly the timbering regulations had not been completely carried out.

These are two more fatalities chargeable to the middle rock in the Six Foot Seam of the Upper Potomac Region.

Gorman Jenkins was injured by an ignition of powder on September 15, 1937, and died on September 17, 1937. Mr. Jenkins was working in a small mine in an isolated region in Garrett County. He was working by himself. He ordinarily worked in the mine at Shade Run but when he had no other work he operated this small mine and sold the coal locally. He was sharpening a coal auger and had some powder in a paper sack lying on the window-sill in a small shack near the mine mouth. In some manner the powder became ignited and expoded and burned Jenkins about the head, face, chest and back. There must have been other powder in the shed for it was burned to the ground.

Jenkins made his way to the home of his uncle about two miles distant and was taken to the hospital at Meyersdale, Penna., where he received treatment and where he later died.

On the day of the accident the District Mine Inspector and the Chief Mine Engineer passed near this mine on other business and probably were within a short distance of the man when the accident occurred. The Bureau had never received any reports of production from this mine and did not know of its existence, it being hidden in the timber and not visible from the road. This is one of the best arguments for bringing all mines, especially these small isolated mines, under the provisions of the Maryland Mining Law.

The deceased was a splendid worker. He left a widow and five small children and his family is now on relief and have no compensation.

This is one more fatality to be charged up against black powder.

Urban Shea died as the result of an accident on October 13, 1937. This is a very mysterious accident. It seems strange that nothing was known of the accident until some time after it occurred. From the meager facts surrounding the accident it is surmised that the pony objected to turning into the working place and Shea, the driver, tried to get him into the working place and in the resulting scuffle the pony tangled in the harness and Shea was knocked from his feet and the car ran over him.

Thomas Danahey died on December 1, 1937, from an accident which occurred on the same day. This is not a real mine accident as the deceased was a trespasser and was killed by a fall of coal
on the tipple and was really on railroad property when the accident occurred. Men and boys, and sometimes women, crowd around the tipples in spite of the best efforts of the inspector to keep them away.

Harman Michaels was injured on December 2, 1937, and died the same day. This is another small mine fatality, the mine just recently coming under the jurisdiction of the Maryland Bureau of Mines. The deceased stood the examination for mine foreman in August, 1937. In these small mines there often obtains the practice of the mine foreman working as an ordinary miner. When such is the case he cannot give proper supervision to the safety of the employes.

Edward Chester Clark was killed on December 9, 1937, by a fall of main roof in a Six Foot Mine of the Hamill Coal and Coke Company. This young man was working with his father. The mine foreman had been in the working place before the accident occurred. Probably if the roof had been properly tested this fatality would not have occurred. This young man was an honor graduate of the Kitzmiller High School and his being cut off in such early life is deplorable. A hard hat might have saved this young man's life.

## SUMMARY <br> TONNAGE BY COAL SEAM—1937 <br> ALLEGANY COUNTY

|  | Net Tons |
| :---: | :---: |
| Big Vein or Pittsburgh | 434,642.12 |
| Tyson or Sewickley... | 340,050.18 |
| Bakerstown | 108,174.17 |
|  | 49,571.10 |
| Maynadier | 23,899.01 |
| Kittanning | 6,793.07 |
| Bluebaugh | 3,787.16 |
| Parker | 2,796.07 |
| Brush Creek | 2,099.00 |
| Little Pittsburgh | 899.00 |
|  | 43.00 |
|  | 972,757.08 |

## GARRETT COUNTY

| Kittanning | 458,084.01 |
| :---: | :---: |
| Freeport | 63,779.17 |
| C-Prime | 49,150.02 |
| Bakerstown | 15,044.15 |
| E-Seam | 2,819.00 |
| Split Six | 1,407.00 |
| Tyson or Sewickley | 450.00 |
| Honeycomb | 431.00 |
| Copper | 300.00 |
| Big Vein | 114.00 |
| Dirty Five | 114.00 |
| Clarion | 89.00 |
| Unknown | 50.00 |
| Total | 591,832.15 |

34 ANNUAL REPORT OF MARYLAND BUREAU OF MINES
TONNAGE BY COAL SEAM—1937
ALILEGANY COUNTY

TONNAGE BY COAL SEAM—1937—Continued

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TONNAGE BY COAL SEAM—1937

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FOR CALENDAR YEAR 1937
TONNAGE BY COAL SEAM—1937—Continued

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# DESCRIPTIONS OF OPERATING MINES IN ALLEGANY COUNTY <br> CALENDAR YEAR 1937 

## ADEN COAL COMPANY <br> Aden Mine

President $\qquad$ Aden M. Campbell, Box 356, Westernport, Md.
Superintendent
Aden Campbell
Mine Foreman
Stanley Martin
This is a wagon or truck mine located about one mile east of Westernport, Md., and operated in the Bakerstown coal seam. Ventilation is by natural means.

## ATKINSON FUEL MINE

Principal Office
90 E. Main St., Frostburg, Md.
This is a small truck mine located in the vicinity of Frostburg and works the Big Vein coal seam.

## VINCENT AYERS

Principal Office Barton, Md.

This is a small mine located near Barton and works the Pittsburgh coal seam.

HARVEY BAKER
Lonaconing, Md.
This is a small truck mine working the Lonaconing seam of coal.

> HENRY S. BARNES \& SON
> Barnes Mine

This is a small truck mine located near Lonaconing, Md., and working the Big Vein coal seam.
C. C. BENNETT

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

```
BIG VEIN COAL COMPANY OF LONACONING, INC.
    Pekin Mine
President._. A. K. Althouse, 12 S. 12 St.,
    Philadelphia, Pa.
Secretary...*********...W. D. Althouse, 12 S. 12 St.,
    Philadelphia, Pa.
Principal Office . Lonaconing, Md.
General Superintendent......John L. Casey
```



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.

BIG VEIN COAL COMPANY OF LONACONING, INC. Castle Mine

Mine Foreman Harrison Davis
Mine Foreman Robert Merrbaugh
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.

## BOND \& FOOT

Address
100 E. Loo St., Frostburg.
This is a truck mine located in the vicinity of Frostburg and working the Pittsburgh or Big Vein coal seam.

## BRASHEAR, WM.

Address....
This is a truck mine and works the Bakerstown coal seam.

## BRENNAN COAL COMPANY

Old Mill Mine
Address
Barton, Md.
President
Isabell'Brennan
Secretary
George Brennan
Mine Foreman George Brennan

This is a truck mine working in the Bakerstown coal seam.

## CAMPBELL COAL COMPANY

Hampshire Mine
Campbell Bldg., Piedmont, W. Va.

| President | Geo. D. Campbell |
| :---: | :---: |
| Secretary | James F. Walsh |
| Superintendent | William Rogan |
| Mine Foremen | George Crowe and Jos. H Robertson |

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 \& Pennsylvania Railroad.

> CAMPBELL COAL COMPANY
> Mill Run Mine
> Campbell Bldg., Piedmont, W. Va.

This is a new opening, operating in the Bakerstown coal seam, and is a truck mine.

## CHARLESTOWN BIG VEIN COAL COMPANY

Bivecol No. 2 Mine
Lonaconing, Md.
President
William M. Shockey
Secretary
Edward Shockey
This is an opening in the Big Vein coal seam and ships by truck.

CLARK BROS.
Hungry Hill Mine
Barton, Md.
This is a wagon or truck mine located near Barton in the Upper Pittsburgh or Big Vein coal seam.

THOMAS J. CLARK \& BRO. COAL CO.
Clark Mine
Mine Foreman
A. L. Frenzel

This is a wagon or truck mine in the Bakerstown coal seam near the New Hope Mine in Barton. Ventilation is by a gasoline driven fan.

CONSOLIDATION COAL COMPANY
Maryland Division
Frostburg, Md.

| President | New York Ci |
| :---: | :---: |
| Secretary | Charles E. Beachley, New York City |
| ncipal Offic | 30 Rockefeller Plaza, New Yor City |
| M | B.H. McCrackin, Frostburg, M |

The Maryland Division of this Company is in Allegany County. It is the largest operation in the State, operating 5 mines and working the Big Vein and Sewickley coal seams. The general condition of the mines is good.

## CONSOLIDATION COAL COMPANY

## Mine No. 1

Mine Foreman
R. L. Edwards

Assistant Mine Foreman John Smouse
This mine is located on the Cumberland \& 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 on 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 driven through the Hoffman tunnel.

## CONSOLIDATION COAL COMPANY

Mine No. 3
Mine Foreman
Clarence Powers
Assistant Mine Foreman..... Bernard J. Byrnes
This mine is located at Hoffman, $11 / 2$ 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 electric hoist.

## CONSOLIDATION COAL COMPANY

Mine No. 4
Mine Foreman $\quad$ Frank Carter
This mine is a slope opening working the Big Vein coal seam located on the Cumberland \& 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 a new modern Areodyne fan was installed at the new air shaft at Borden Yard and ventilation was very much improved during 1937.

## CONSOLIDATION COAL COMPANY

Mine No. 10
Mine Foreman James H. Close
Assistant Mine Foreman J. A. Weisenborne
This mine is located at Eckhart, just west of Consolidation Mine No. 4 on the Eckhart Branch of the Cumberland \& Pennsylvania

Railroad. It is a drift opening working the Tyson or Sewickley coal seam and is developed on the double-entry system. Ventilation is produced by an electrically driven fan. Drainage is kept in a lawful condition by holes being driven through 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.

CONSOLIDATION COAL COMPANY
Mine No. 17
Mine Foreman..................................... Close
Assistant Mine Foreman.......Arch Davis
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.

## DEFFENBAUGH \& JENKINS <br> Helbig Mine <br> Albert Deffenbaugh James Jenkins, Sr. Albert Deffenbaugh

President
Secretary
Mine Foreman.
This is a wagon or truck mine operating in the Maynadier coal seam, with office at Mt. Savage, Md.

$$
\begin{gathered}
\text { EDW. DYE \& SON } \\
\text { Spier Mine } \\
\text { c/o Cecil Dye, Barton, Md. }
\end{gathered}
$$

This is an opening in the Bakerstown coal seam and began operation in December, 1937.

W. R. EISEL<br>(Formerly Rairick \& Eisel)<br>Frostburg, Md.

This is a wagon or truck mine operating in the Big Vein coal seam.

H. G. EVANS<br>Borden Mine<br>Frostburg, Md.

This is a wagon or truck mine located at Borden, near Frostburg. There are two drift openings, working the Big Vein coal seam. Ventilation is by natural means. Drainage is 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.

## WILLIAM FAZENBAKER

Barton, Md.
This is a section of Pynhed Mine formerly worked by O. T. Porter and located near Barton. It is a drift opening working the Bakerstown coal seam. Ventilation is by natural means. It is a wagon or truck mine.

## FILER FUEL MINE

Blan Avon Mine
Operator
Benjamin Filer
This is a new mine working the Big Vein crop at Blan Avon near Midlothian. It is a truck mine and was formerly worked by McNitt Coal Company.

> CLARENCE FLETCHER
> Rose Bud Mine
> Frostburg, Md.
> Thomas Wilson

Mine Foreman
This is a truck mine operated by Clarence Fletcher and Thomas Smith of Frostburg, Md. It works the Little Pittsburgh coal seam.

> CHARLES FRANKENBERRY
> Frankenberry Mine
> Mt. Savage, Md.

This is a truck mine working the Brush Creek coal seam and later in the year was worked by Francis McKenzie.

GEORGE'S CREEK COAL COMPANY, INC.
Principal Office ............................. Cumberland, Md.
President Carl C. Hetzel
Secretary.....-an R. L. Stallings
Superintendent.....anananan John P. Stevenson
Mine Foremen Jonn Keister, No. 1 Midlothian ; Wm. Abbott Sr., Pittsburgh No. 2; Richard Moffatt, Sr., Waynesburg No. 3; Robert K. Todd, Sewickley No. 4.
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 in the Sewickley or Tyson coal seam. It is equipped with an electrically driven fan, and the air conditions are good.

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

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

Midlothian Mine is located on the Cumberland \& Pennsylvania Railroad at Midlothian, about two miles west of Frostburg. The mine consists of two openings, working the Tyson coal seam. Ventilation is by an electrically driven fan, and a new air shaft was driven to the outside during the year 1937.

## GOODWIN FIRE COAL MINES

This is a small opening in the Big Vein seam at Lonaconing, Md., operated by William Goodwin.

## J. O. J. GREENE FUEL MINE

This is a wagon or truck mine operated by J. O. J. Greene of Westernport, Md., working the Bakerstown coal seam.

## GUNSTAN COAL COMPANY

Office
Long, Md.
Superintendent............................... L. Stanton
This is a wagon or truck mine working the Upper Kittanning coal seam.

## A. P. HOFFA COAL COMPANY

Phoenix Mine
Office $\quad$ Barton, Md.
President
Superintendent

This mine consists of two openings in the Big Vein coal seam and is located on the west side of George's Creek at Lauder on the Cumberland \& Pennsylvania Railroad. Ventilation is by natural means.

## Jackson big vein george's creek coal company

Caledonia Mine

| President $\quad$ A. K. Althouse, 12Secretary |
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This mine is located on the west side of George's Creek at Barton on the Cumberland \& Pennsylvania Railroad and consists of two openings working the Big Vein coal seam. Ventilation is by a fan driven by a gasoline motor.

## KERGAN \& KERGAN

## Route 1, Box 3, Frostburg, Md.

This is a wagon or truck mine worked by R. Cecil Kergan and R. H. Kergan, working the Pittsburgh coal seam. During the first part of 1937 it was operated by Kergan \& Stevens.

## KERGAN \& STEVENS

This is the same opening referred to above. It is a new mine located at Borden, Md.

## KOONTZ COAL COMPANY

Swanton Mines
Frostburg, Md.
President
William Jenkins
Superintendent
James Jenkins
Mine Foreman
Notley Cook
These mines are located on the Cumberland \& 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 mine is by an electrically driven fan.

KROUSE, CHRISTOPHER
Clarysville Mine Grant St., Frostburg, Md.

This is a wagon or truck mine working the Brush Creek coal seam.

LANGHAM \& BOAL
Langham Mine
Barton, Md.
President and Secretary.........D. S. Boal
Superintendent
H. Langham

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

## LITTLE BEN COAL COMPANY <br> Pratt No. 3 Mine

Office
Mt. Savage, Md.
Presiden Robert Maybury, Piedmont, W. Va.
Superintendent
B. S. Mellon

Mine Foreman
Sheridan Means
This is a wagon mine operating in the Bakerstown coal seam located near Mt. Savage. Ventilation is produced by gasoline driven fan.

## LOWDERMILCH, ARTHUR <br> Section of Pynhed Mine <br> Barton, Md.

This is a section of Pynhed Mine leased from O. T. Porter and is a wagon or truck mine working the Bakerstown coal seam.

> McDONALD COAL COMPANY
> McDonald Mine

Office Barton, Md.
President
James McDonald
Superintendent
Joseph Shuhart
This is an opening in the Bakerstown coal seam, located on the west side of George's Creek near Barton on the Cumberland \& Pennsylvania Railroad. Ventilation is produced by a fan driven by an electric motor.

## McKENZIE, FRANCIS

This is a wagon or truck mine located near Mt. Savage, Md., formerly operated by Charles Frankenberry, and works the Brush Creek coal seam. The coal is used in domestic trade.

## McNITT COAL COMPANY

Bowery Furnace No. 2 Mine
Office
President
Superintendent.
Mine Foreman
Assistant Mine Foreman Edward Stowell
This is a slope mine located at Midlothian on the Cumberland \& Pennsylvania Railroad, working the Tyson coal seam. It is developed on the double entry system and is kept in a lawful condition. Ventilation is produced by an electrically driven fan.

MacGREGOR, SAMUEL A.
Borden Mine
Office $\qquad$ Frostburg, Md.
This is a small truck mine operating in the Big Vein coal seam.

## MacMANNIS SONS, ANDREW

66 Broadway, Frostburg, Md.
Superintendent
C. R. MacMannis

This is a coal recovery plant, washing the coal on the waste heap near No. 3 Mine of The Consolidation Coal Company, working in the Big Vein coal seam.

## MARYLAND COAL COMPANY <br> Kingsland Mine <br> Lonaconing, Md.

President
Superintendent $\quad$ D. William, Wendell, W. Va.
Mine Foreman $\quad$ John O'Rourke $\quad$ H. Morgan, suc. by M. J.

This mine is located on the Western Maryland Railway on the west side of George's Creek at Lonaconing. It is a drift opening developed on the double entry system and operated in the Big Vein coal seam.

## METZ COAL COMPANY

| Office |
| :--- |
| Secretary and Mine |
| Foreman |
| Superintendent |$\quad$| Barton, Md. |
| :--- |
| Samuel A. Metz |$\quad$ Walter J. Metz

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

## ARCH MICHAELS COAL COMPANY <br> Michaels Mine <br> Westernport, Md.

Superintendent $\qquad$ Arch Michaels
Mine Foreman $\qquad$

This is a wagon or truck mine working the Bakerstown coal seam.

## MILLER COAL COMPANY

| Mi | Everett L. Miller |
| :---: | :---: |
| Location | Barton, Md. |

This is a wagon mine located opposite the Elkheart Mine. Ventilation is by a gasoline-driven fan. The mine operates in the Bakerstown coal seam.

## MINERS BIG VEIN COAL COMPANY

Bivecol Mine
Address.
Frostburg, Md.
President........................................... Dames E. Darrow
Secretary......................................... S. Darrow
Superintendent.............................. Dames E. 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. Ventilation is by natural means.

## MOSCOW COAL COMPANY

Shaw No. 4 Mine
Romney, W. Va.
President
L. H. Heare, Keyser, W. Va.

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

MOSCOW GEORGE'S CREEK MINING COMPANY
Mines Nos. 2 and 3
Cumberland, Md.

| Preside | E. S. Somerville |
| :---: | :---: |
| Superintendent and |  |
| Mine Foreman | Carson Thomas |

These mines are located near Barton on the west side of George's Creek on the Cumberland \& Pennsylvania Railroad. 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.

MT. UNION BIG VEIN COAL COMPANY
Mine Foreman Michael Bishields
This is a wagon mine located near Mt. Savage and is operated in the Big Vein coal seam.

MYERS \& CO.
Colony No. 1 Mine
President and Superintendent

John C. Myers
This is a wagon mine located near Barton and works in the Bakerstown coal seam.

> NELSON COAL COMPANY
> Spier Mine
> Barton, Md.

President $\quad$ Mrs. Edna Nelson, Keyser, W. Va.

Secretary Mrs. Anna Moore, Barton, Md.
Mine Foreman Stanley Moore

This is a wagon mine operating in the Bakerstown coal seam near Barton.

> NICHOLS COAL COMPANY
> Lonaconing, Md.

Owner
Joseph Nichols
This is a small wagon mine operating in the Big Vein coal seam.

> PARKER HI-GRADE COAL COMPANY
> Parker Mine

Office
Mt. Savage, Md.
Mine Foreman Melvin Reed

This is a wagon mine located at Barrellville, Md., and operates in the Parker coal seam.

PORTER BROS.
Porter Mine
Office
Frostburg, Md.
President and
Superintendent
Marshall Porter
This mine, formerly worked by Porter \& Kreitzburg, is located about 1 mile east of Eckhart. It is a drift opening working the Big Vein coal seam and is a wagon mine supplying domestic trade. Ventilation is by natural means.

## JOSEPH PORTER \& SON <br> Section of Pynhed Mine

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

> O. T. PORTER COAL COMPANY Section of Pynhed Mine Mine Foreman. Oliver Porter

This is the same mine described above.
PORTER \& JOYCE
Lancaster Mine
Office Frostburg, Md.
Superintendent Marshall Porter
This is a wagon mine located near Eckhart and operating in the Tyson coal seam. It later was operated by Rephann \& Porter.

POTOMAC BIG VEIN GEORGE'S CREEK COAL COMPANY Elkheart Mine
Principal Office Lonaconing, Md.
President A. K. Althouse, 12 S .12 th St., Philadelphia, Pa .
Secretary $]^{-}{ }^{-}$W. D. Althouse, 12 S. 12th St., Philadelphia, Pa.
General Superintendent John L. Casey, Lonaconing, Md. Mine Foreman James Meerbaugh
This mine is located near Barton and was formerly operated by

Schramm \& Davis. It is a drift opening working the Bakerstown coal seam. Ventilation and drainage are by natural means. It loads on the Cumberland \& Pennsylvania Railroad.

$$
\begin{aligned}
& \text { POTOMAC BIG VEIN GEORGE'S CREEK COAL COMPANY } \\
& \text { Potomac Mine }
\end{aligned}
$$

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. The mine loads on the Cumberland \& Pennsylvania Railroad.

## POTOMAC BIG VEIN GEORGE'S CREEK COAL COMPANY

## Union Mines

Principal Office Lonaconing, Md.

| t., |  |
| :---: | :---: |
| Secret | . D. Althouse, 12 S .12 th |
| General Superintendent Mine Foreman. | Philadelphia, Pa. |
|  | John L. Casey, Lonaconing, Md. |
|  | Stanley Weimer |

These mines were formerly operated by Annan \& 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 Railroad.

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.

Union No. 2 is located at Morantown and is the original Keely Mine opened by the New York Mining Company. It is a truck mine operating in the Big Vein coal seam.


This mine was formerly operated by the Burtner Coal Company and later was operated by 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 \& Pennsylvania Railroad.

## REPHANN \& PORTER

This mine was formerly operated by Porter and Joyce and a description can be obtained by referring to that Company.

> R. C. ROBERTS COAL COMPANY

Superintendent and Mine Foreman
R. C. Roberts

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.

## FRANK E. SCHIVER \& COMPANY

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

## STEWART MINING COMPANY

Blackberry Mine
Office
President and
Superintendent.. $\quad$ David Stewart, Owner
Mine Foreman $\quad$ Robert Huston
This is a wagon or truck mine operating in the Big Vein coal seam.

## STRUBE \& WALBERT <br> Borden Hill Mine

Office Frostburg, Md.
President and Secretary. C. D. Strube Superintendent Thomas J. Walbert Mine Foreman Chris. Walbert

This is a wagon or truck mine operating in the Tyson or Sewickley coal seam.

> JOHN A. SULLIVAN COAL COMPANY Clifton No. 1 Mine Office. President Mine Foreman Frostburg, Md. John A. Sulivan John Bhen

Office Mine Foreman

This is a small wagon mine located near Frostburg and works the Tyson coal seam. Coal is hauled to Borden Yard in trucks and loaded into railroad cars on the Cumberland \& Pennsylvania Railroad.

## SUNNYSIDE COAL COMPANY

Billycliff Mine

| President <br> Secretary <br> Superintendent <br> William L. James, Frostburg C. J. Goodrich, Cumberland, M James L. James |
| :---: |
|  |  |
|  |  |
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This is a small wagon mine located at Barrellville and works the Upper Kittanning coal seam.

## SUTHERLAND COAL COMPANY

Office
Westernport, Md.
President and Mine Foreman

Howard L. Sutherland
Secretary Paul O'Neil

This is a small wagon mine located near Westernport and working the Lower Kittanning coal seam.
C. E. THOMAS

Sunnyside No. 1 Mine
Route No. 1, Cumberland, Md.
Mine Foreman $\qquad$ E. E. Bridges

This is a wagon or truck mine operating in the Bluebaugh coal seam.

> CARSON THOMAS COAL COMPANY
> Pecal and Moscow No. 3 Mines

Office $\qquad$ Barton, Md.
Mine Foreman
Carson Thomas

These are wagon or truck mines, one operating in the Bakerstown and the other in the Big Vein coal seam.

## TRIMBLE COAL COMPANY

Office Mt. Savage, Md.
This is a small wagon or truck mine operating in the Big Vein coal seam.

JESSE TRIMBLE
Du-Well Mine
Office Mt. Savage, Md.
This is a wagon or truck mine working the Big Vein coal seam located near Mt. Savage.

## ROBERT TURNBULL <br> Pleezing Mine <br> Nikep, Md.

Office
This is a small wagon mine operating in the Big Vein coal seam.

## VALE SUMMIT BIG VEIN COAL COMPANY

Office
7 W. Union St., Frostburg, Md.
This is a wagon or truck mine operating in the Big Vein coal seam.

## DOUGLAS WADDELL

Waddell Mine
Office-.
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.

WILLIAMS \& KEISTER COAL COMPANY

Office
President $\qquad$
$\qquad$ Frostburg, Md.
Jethro D. Williams, Midlothian, Md.

Mining Superintendent.........John Keister
Mine Foreman Howard Sutherland

This is a small wagon mine located near Westernport and working the Lower Kittanning coal seam.

WINTERS \& BRODE
Office
Midlothian, Md.
This is a wagon mine operating the Big Vein coal seam located at Midlothian, Md.

## WORKMAN COAL COMPANY

Workman Mine
Office
Frostburg, Md.
Mine Foreman
C. O. Workman

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.

# DESCRIPTION OF FIRE CLAY MINES IN ALLEGANY COUNTY 

CALENDAR YEAR, 1937

## BIG SAVAGE FIRE BRICK COMPANY

Office
Superintendent
Mine Foreman

Allegany, Md. Clarence Raley Birch Lee Butcher

The mines of this Company are located on the Big Savage Mou* tain about 3 miles northwest of Frostburg. They are drift openings working the fire clay. Ventilation is by natural means.

## NORTH AMERICAN REFRACTORIES COMPANY

Office
Frostburg, Md.
President
Secretary
Principal Office $\qquad$
$\qquad$ John D. Ramsay, Cleveland, 0. E. W. Valensi, Cleveland, O.

1012 National City Bank Bldg., Cleveland, Ohio.
Mining Superintendent G. A. Shuckhart, Frostburg, Md. Mine Foreman $\quad$ Charles Wolfe

This fire clay mine is located about 1 mile northwest of Frostburg. It is a drift opening and ventilation is by natural means. The clay is hauled by truck to the Company's plant on Bowery Street, Frostburg, Md.

## UNION MINING COMPANY

| Office | Mt. Savage, Md. |
| :---: | :---: |
| President | R. Green Annan |
| Secretary | J. E. McKelvy |
| Mining Superintendent. | Joseph E. Finzel |
| Mine Foremen | Thomas Machin, |

This Company's fire clay mines are located about 3 miles west of Mt. Savage on Savage Mountain. There are drift openings and ventilation is produced by a fan. No. 1 Mine Soft Clay was operated during 1937, also the Tunnel Mine located near Mt. Savage.

# DESCRIPTION OF COAL MINES IN GARRETT COUNTY CALENDAR YEAR 1937 

## JOHN BEITZEL

This is a small mine operated by John Beitzel at Bittinger, Md., working the Bakerstown coal seam. It is a wagon or truck mine.

## FREDERICK BITTINGER

This is a wagon mine at Bittinger, Md., working the Honeycomb coal seam.

## BLACK DIAMOND COAL COMPANY

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

> H. L. BOWMAN COAL. COMPANY
> Shade Run Mine
> Grantsville, Md.

This is a wagon or truck mine located on Shade Run near Grantsville, working the Freeport coal seam. Ventilation is produced by a fan.

## H. L. BOWMAN COAL COMPANY

Patton or Yoder Mine
Office Grantsville, Md.
Mine Foreman Norman Patton

This is a truck mine located near Grantsville, working the Freeport coal seam. It was formerly worked under the name of Patton Coal Company. The coal is hauled in trucks to the Castleman Valley Railway and loaded on railroad cars.

## HARRY BROADWATER

Clover Bottom Mine

Office Route 2-Box 82, Grantsville, Md.

This is a new truck mine near Jennings, working the Honeycomb coal seam.

## JAMES COLLINS

Miller Run Mine
This is a wagon mine operating in the Clarion coal seam, near Oakland, Md.

CONSUMERS COAL COMPANY
Office
212 E. Cork St., Winchester, Va.
Superintendent R. C. Blackburn

Mine Foreman John Coleman

This Company operates two openings in the Kittanning coal seam, one at Kitzmiller and the other at Dodson. Ventilation is furnished by a gasoline driven fan and the drainage is natural. This Company is now also working the Mt. Zion Big Vein mine, formerly worked by D. M. Ryan. They are wagon mines.

## EMMETT COSNER <br> Price Mine

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

## CLYDE DAVIS

Dodson Mine
This is a small wagon mine located near Kitzmiller operating the Clarion coal seam.

## DAVIS COAL AND COKE COMPANY

Kempton No. 42 Mine

| Office | W. Va. |
| :---: | :---: |
| President | A. B. Stewart, Keyser Bldg., |
|  | Baltimore, Md. |
| Secretary | T. Y. Harman, Keyser Bldg., Baltimore, Md. |
| Superintendent | A. F. Diamond |
| Mine Foreman | Albert King |
| Assistant Foremen | Carl Luzier and Tony Strimmel |
| Fire Bosses...... | Richard Ryan and Mike Morris |

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.

## R. T. DAVIS

North America Mine
Office Kitzmiller, Md.

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

## DEER PARK FUEL COMPANY

No. 1 Mine
Office
Deer Park, Md.
Operator Leonard Paugh, Deer Park, Md.
This is a wagon mine operating in the Bakerstown coal seam.

## DE MARKS, JAMES

This is a new development opened in October, 1937 ; it is a small wagon mine working the Lower Kittanning coal seam in the vicinity of Kitzmiller, Md., Postoffice address, Blaine, W. Va.

## DeSHONG COAL COMPANY <br> Four Foot Hill Mine

Office
89 Orchard St., Keyser, W. Va.
This is a small wagon or truck mine operating in the Bakerstown coal seam.

> BEN FIKE COAL COMPANY
> Selbysport, Md.

This is a new opening located near Friendsville, working the "Dirty 5 " coal seam. It is a wagon or truck mine.

## FIKE COAL COMPANY

This is a wagon or truck mine at Friendsville, Md., working the Copper coal seam.

## GEORGIAN COAL MINING COMPANY <br> Georgian Mine

|  |  |
| :---: | :---: |
| President <br> A. K. Althouse, 12 S . 12th St. Philadelphia, Pa. <br> Secretary $\qquad$ W. D. Althouse, 12 S. 12th St., Philadelphia, Pa. |  |
|  |  |
|  |  |
|  |  |
|  |  |

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.

## HAMILL COAL AND COKE COMPANY

Hamill No. 1 Mines
Office
Blaine. W. Va.
President $\quad$ R. A. Smith
Secretary
J. A. Shore

Superintendent
R. A. Smith

Mine Foremen
J. J. Walker (Kittanning Mine)

Oscar Brady, suc. by Roy Butts, (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 seam. Ventilation is by fan.

## ARTHUR HARVEY

Office
Route No. 3, Swanton, Md.
This is a wagon or truck mine located at Swanton, working the Freeport coal seam.

> HOWARD \& MAYBURY COAL COMPANY
> Ezra Michaels Mine
> Office.
> Superintendent
> Piedmont, W. Va.

Office

This mine was formerly worked by Ezra Michaels Coal Company. It is a wagon mine working the Bakerstown coal seam located about $11 / 2$ miles above Reynolds on Mill Run. Ventilation is produced by a fan driven by a gasoline motor.

## I. L. HUFF

Lewis Mine
Office Grantsville, Md.
Superintendent and Foreman
S. L. Durst, suc. by G. C. Houck as Supt., and Fred Durst as Foreman

This mine is located on the Castleman Valley Railroad operating in the Bakerstown coal seam near Grantsville. The coal is undercut with a Sullivan chain machine and shaker screen installed during the year 1937.

> J. A. JACKSON
> Martin Bros. Mine

Office $\qquad$ Route No. 1, Box 151, Oakland, Md.

This mine has been leased by J. A. Jackson and Mark Butchel and is a wagon mine located on the Northwestern Turnpike about 1 mile from Table Rock, working the Kittanning coal seam. It is a slope opening and ventilation is by natural means.

## JENKINS COAL COMPANY

Jenkins Mine
Office Grantsville, Md.
Operator. Ray Jenkins

This is a new opening located on New Germany Road and working the Split Six seam. It is a wagon or truck mine.

RALPH D. LILLER<br>Gilbert Mine Gormania, W. Va.

Office $\qquad$
This mine was formerly worked by Thomas Shumac and before that by C. J. Hanft. It is a wagon mine and works the Kittanning coal seam near Table Rock.

> LIPSCOMB, J. R.

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

> MCCULLOUGH COAL CORPORATION

McCullough Mine
Office $\quad$ Friendsville, Md.
President $\quad$ F. C. McCullough
Secretary-Treasurer $\quad$ R. $\quad$ E. Guard
Superintendent $\quad$ Ford McCullough
Mine Foreman $\quad \underbrace{}_{\text {M. M. Mefford suc. by Everett }}$ M. Friend

This mine is located at Friendsville on the Kendall Branch of the Baltimore and Ohio Railroad. It is a drift opening working the "C" Prime coal seam. Ventilation is produced by a steamdriven fan and is conducted to the working faces by doors, stoppings and overcasts and is usually in very good condition. Picking tables were installed during the year 1937.

MANOR COAL COMPANY
Manor No. 1 Mine

| Principal Office | U. S. National Bank Bldg., |
| :---: | :---: |
|  | Johnstown, Pa. |
| President | Andrew B. Crichton, Jolnnstown, |
| Secretary | H. A. Crichton, 17 Battery Pl., |
|  | N. Y. C. |
| Superi | Charles H. Jones |
| Mine Foreman... | O. W. Tasker |
| Assistant Fore | Fitzhugh Burrell and F.M. Damon |

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 Railway and is a drift opening working the Kittanning coal seam. Ventilation is produced by an electrically driven fan.
A. D. MICHAEL

Office Barton, Md.

This is a small wagon mine working the Freeport coal seam near Taskers Corner and formerly operated by Sims \& Wilkins.

WM. F. MILLER
Miller Mine
This is a small wagon mine operating in the Bakerstown coal seam, near Grantsville, Md.

## MILL RUN GEORGE'S CREEK COAL CO.

Ezra Michaels Mine
Superintendent Howard O. Michael
During the first part of the year this mine was operated by Howard \& Maybury, and a description will be found under that name.

MINOR MORRIS
Earl Paugh Mine
Office.
Elk Garden, W. Va.
This is a wagon mine operating in the Freeport coal seam located near Mt. Zion Church.

NOAH G. MOON
Julia Moon Mine
Office Deer Park, R. F. D. No. 1
This is a small wagon or truck mine and the coal seam is unknown.

MORAN \& KIGHT<br>No. 1<br>Office<br>Westernport, Md.<br>Superintendent<br>L. R. Kight

This is a small mine located near Westernport, working the Tyson coal seam.

## LOUIS A. MORGART COMPANY

Morgart No. 1
Office Jennings, Md.
Owner and Superintendent... Louis A. Morgart Mine Foreman John Henaghan

This mine was formerly operated under the name of the Louis Coal Company and the seam of coal worked has been at various times called the Louis, "C" Prime and "E" seam. The mine is located 1 mile west of Jennings on the Jennings Branch Railroad. Ventilation is produced by a fan driven by an electric motor.

## SAMUEL NIGHTINGALE <br> Carlo Sisci Mine Oakland, Md.

Office
This mine was formerly worked by Carlo Sisci. It is a wagon mine and works the Freeport coal seam.

## ORBIN COAL COMPANY <br> Orbin Mine

Office Kitzmiller, Md.

This is a small mine near Kitzmiller, Md., working the Upper Freeport coal seam.

## CHARLES PATTISON

Pattison Mine
Office Bloomington, Md.
This is a wagon mine operating in the Bakerstown coal seam located near Bloomington and is operated on a royalty basis. It is part of the G. C. Pattison Estate.

## PERRY PAUGH

Office
Deer Park, Md.
Mine Foreman
Robert Collins
This is a wagon mine working the Bakerstown coal seam located near Taskers Corner.

## R. M. PAUGH

Office
Deer Park, Md.
This mine was formerly operated by L. M. Rowan. It works the Bakerstown coal seam and is located near Taskers Corner.

## PRITTS BROS. COAL COMPANY

Pee Wee Mine
Office
Kitzmiller, Md.
President
J. J. Walker

Secretary and
Superintendent $\quad$ M. E. Pritts
Mine Foreman
Wilbur Burrell
This was formerly known as Peerless No. 3 Mine and operated by Pee Wee Coal Company. It is a truck mine working the Freeport coal seam near Kitzmiller.

RAWLINGS \& SON
Office
Blaine, W. Va.
This is a small wagon mine located near Kitzmiller and working the Kittanning coal seam.

> HARLAND G. REAM

Ream Mine
Office Oakland, Md.

J. A. RIDINGER<br>No. 1 Mine<br>Office<br>$\qquad$ Gormania, W. Va.

This is a small wagon mine working the Freeport coal seam.

## RUSSELL COAL COMPANY

Russell Mine
Office $\qquad$ Lonaconing, Md.

This is a small wagon mine working the Bakerstown coal seam.

> HARRY F. SAUSSMAN
> Mill Run Mine Somerfield, Pa.

Office $\qquad$
This mine was formerly operated by Reichenbecker \& Opel and later by Lloyd Fike. It is a wagon mine working the "C" Prime Coal seam.

W. W. SAVAGE

Office Friendsville, Md.

This is a wagon mine working the Split Six coal seam.
LYMAN SCHROCK
Office Bittinger, Md.

This is a small wagon mine operating in the Bakerstown coal seam.
H. C. SHAFFER, Lessee

Biggs \& Martin Mine
Office Mt. Lake Park, Md.
This is a small wagon mine working the Freeport coal seam.
DEWEY SHAFFER, GEORGE MORELAND \& HOWARD ROY Partners
Lucky Jack Mine
Office $\qquad$ Gormania, W. Va.

This is a wagon or truck mine working the Kittanning coal seam.

## SHALLMAR MINING CORPORATION

Wolf Den Mine

Office
17 Battery Place, New York City
President
Secretary
Superintendent
Mine Foreman
Assistant Foremen
W. A. Marshall, New York City
W. H. Marshall, New York City
H. A. Marshall, Shallmar, Md.

George Parrish
Steve Newhouse and Oscar Brady

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

## SHARPLESS \& JONES <br> Dodson Mine Kitzmiller, Md.

Office
This is a small wagon mine working the Clarion coal seam.

## LESLIE N. SHARPLESS <br> Carlo Mine

Office
Kitzmiller, Md.
This is a small wagon mine located near Kitzmiller, operating in the Freeport coal seam. It was formerly operated by Carlo Sisci.

## EARL SIMS

Office
Route No. 1, Oakland, Md.
This is a wagon mine operating in the Kittanning coal seam located near Crellin, Md.

> SISCI, CARLO
> Carlo Mine

Office
Kitzmiller, Md.
This mine was worked at various times during 1937 by Carlo Sisci, Samuel Nightingale and Leslie N. Sharpless.

## GEORGE E. SLOAN

Shaw Mine
Office Grantsville, Md.
Partners Geo. E. Sloan and H. R. Dodson
Superintendent Geo. E. Sloan

This is a wagon mine working the "C" Prime coal seam and located near Grantsville, Md. The coal is hauled in trucks to the Castleman Valley Railway and loaded in railroad cars. A new opening was driven to the outside during the year 1937 for ventilation and haulage, and a new tipple was constructed near the State Road.

## KEITH STEYER

Mersing Mine
Office Deer Park, Md.

This is a wagon or truck mine working in the Freeport coal seam located near Taskers Corner.

TABLE ROCK COAL COMPANY
Office Gortner, Md.

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

## MELVIN \& GILBERT WEIMER

Round Glade Mine
Office
Oakland, Md.
This is a small wagon mine located near Oakland, Md. It is a drift opening working the Clarion coal seam. Ventilation is by natural means and the coal is mined for domestic use.
G. C. WELCH \& SON

Liller \& Weeks Mine
Office
Deer Park, Md.
This mine was formerly worked by Liller \& Weeks. It is a wagon mine operating in what is thought to be the Upper Kittanning coal seam, located near Mountain Lake Park.

## TRADE AND LABOR CONDITIONS—1937

During the year 1937 there was considerable idle time, largely due to the demoralization of the selling price as a result of a Court decision. However, one mine in the Upper Potomac Region ran almost constantly and established a record for continuous operation. A few of the small mines ran very steadily but, except during the coldest part of the year, the larger mines only operated one-half to one-third of the time.

There were no labor troubles of any importance and the same Joint Working Agreement, which prevailed in 1936, was still in force in 1937.

There was considerable development in Garrett County in the region immediately about Grantsville. This was about the only new work of any importance.

## IMPROVEMENTS

The Midlothian Mine, located at Midlothian, of the George's Creek Coal Company, Inc., sank an air and escape shaft 100 feet in depth to the Tyson seam.

The Consolidation Coal Company re-opened the old New Hope Opening in the Big Vein seam above Borden Yards. This opening was fitted with a ventilation fan of the Aerodyne type. This gives an escape-way from No. 4 Mine of the same Company at Eckhart and is a very important improvement.

## PROSECUTIONS

There was one prosecution of a small operator in Garrett County for operating a mine employing more than five men when no certified mine foreman was employed.

## SAFETY ORDERS

No real Safety Orders were issued, but several suggestions were made by the District Mine Inspectors regarding improvements to be made in methods of timbering and in ventilation.

## LEGISLATION

During the 1937 session of the State Legislature several bills were introduced concerning the Maryland Bureau of Mines. One bill proposed to change the qualifications of the Chief Mine Engineer. This failed to pass.

A bill was introduced which was identical with a bill introduced in the 1927 session of the Legislature, which provided for the
removal of the office of the Maryland Bureau of Mines from Baltimore to Cumberland. This bill also failed to pass.

Another bill extending the jurisdiction of the Bureau to all mines, large and small, was amended to include all mines employing five or more men and was passed. Previously, under the original Act, a mine employing ten or more men came under the jurisdiction of the Bureau.

A bill was passed restricting the tenure of Temporary Permits for Mine Foremen. Heretofore, Temporary Permits could be renewed from year to year. The new bill prohibits the renewal of Temporary Permits.

Senate Bill 349, known as the "Bootleg Coal Bill," imposes the duty of issuing weighmaster licenses for solid fuel on the Bureau of Mines.

# SIXTEENTH EXAMINATION FOR MINE FOREMEN AND FIRE BOSSES CERTIFICATE OF COMPETENCY 

Frostburg, Maryland, August 23-24, 1937.
The following candidates were granted Certificates of Competency:

FIRST CLASS CERTIFICATES AWARDED:
600-Steyer, Leon Datesman, Kempton.

## SECOND CLASS CERTIFICATES AWARDED:

576-Abbott, William C., Lonaconing.
577-Alexander, Guy Franklin, Grantsville.
579 -Baker, William Edgar, Frostburg.
580 - Beachy, Vernon Clay, Grantsville.
581—Burkhardt, Henry Ernst, Mt. Savage.
582-Burrell, Dewan Wilbur, Kitzmiller.
583-Cosner, Darcie E., Kempton.
585-Forman, Joseph Carroll, Crellin.
588-Keister, John C., Midlothian.
590 - Machin, Thomas, Mt. Savage.
594-Miller, William Foster, Grantsville.
597-Ringler, James Roy, Mt. Savage.
599 -Sigler, Charles Adam, Lonaconing.
603-Weimer, Stanley E., Mt. Savage.

# REPORT OF VOCATIONAL MINING EDUCATION 

## School Year, September 28, 1936-July 24, 1937

L. C. HUTSON, R. D. EWING, Instructors.

## Report on the Night Mining Classes

The Night Mining Classes opened their sessions September 28, 1936, and closed May 21, 1937.
The classes were grouped in two districts, the Upper Potomac District, in charge of Instructor Hutson; the George's Creek District in charge of Instructor Ewing.

## REPORT OF THE UPPER POTOMAC DISTRICT Organization and Schedule

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

| Vindex | Monday night |
| :---: | :---: |
| Shallmar | Tuesday night |
| Gorman. | Wednesday night |
| Crellin | Thursday night |
| Frostburg | Friday night |
|  |  |

The subjects studied were as follows: Coal Mine Gases, Coal Mine Ventilation, Map Reading. This applies to the first four classes named; a class in Mine Management was taught in Frostburg.

## Vindex Class

Number of men enrolled
Average age of students......................................... 23.3 years

Average previous educational preparation............ 8.4 years
Occupations:

Laborers ...an Con 8
Students …

Store Manager ....
Nationalities:
American (Native-born) ........................ 37
Gorman Class
Number of men enrolled.
Average age of students
Average previous educational preparation............ 7 years
Occupations:
Miners .................................................................... 5

Students .......................................................................................... 2
Nationalities:
Americans (Native-born) .......................... 13

## Shallmar Class

```
Number of men enrolled............................................. 14
```


Average previous educational preparation............ 7.1 years
Occupations:
Miners ... ${ }^{\text {an_on }}$
Laborers
Nationalities:
American (Native-born) ................................... 14

## Crellin Class

Number of men enrolled........................................... 32
Average age of students.........................................................
Average previous educational preparation............. 8.6 years
Occupations:

Miners ............................................................... 8
Laborers ..............................................................

Officials ............................................................. 2
Nationalities:
American (Native-born) .................................. 32

Frostburg Class
Number of men enrolled
Average age of students enrolled............................... 41.8 years
Average previous educational preparation.......... 8.4 years
Occupations:

Superintendents ...................................................... 1

Laborers ......................................................... 3
District Mine Inspector
Nationalities:
American (Native-born) ................................... 19
Scotch

Summary
Total number of men enrolled.............................................. 116
Average weekly attendance ( 5 classes)................................... 43
Average Crellin class . 14
Average Vindex class............................................................ 11

Average Frostburg class ............................................................ 6
Average age of men enrolled.......................................... 29.8 years

Americans enrolled (native-born)........................................... 99.1\%
Attendance of men enrolled................................................... $37 \%$

New men enrolled $a_{\square} a_{\square}$

## CONCLUSION

The average weekly attendance together with the enrollment was lower this year than usual, due to a variety of unfavorable circumstances that were beyond the control of the Instructor. This apparent lack of interest was to some extent offset by the splendid work performed by some of the students enrolled in each of the classes. Too much credit can not be given to some of the former members of the Night Classes for their cooperative efforts in assisting the progress of the members enrolled. The results of their efforts were reflected in the increased enrollment in the Short Course this year.

## REPORT OF THE GEORGE'S CREEK DIISTRICT

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

First Meeting

| Grantsville | Monday | September 28, 1936 |
| :---: | :---: | :---: |
| Friendsville. | Tuesday | September 29, 1936 |
| Gilmore. | Wednesday | September 30, 1936 |
| Barton. | Thursday | October 1, 1936 |
| Frostburg | Friday | October 2, 1936 |

The classes met each week, on the above schedule, with the exception of Legal Holidays.

The subjects studied by the classes were Arithmetic, Mining Law, Mine Gasses, Mine Ventilation and Map Reading.

## Grantsville Class

| Number of men enrolled | 16 |
| :---: | :---: |
| Average age of men. | 27.7 years |
| Average previous educational preparation... | 8.2 years |
| Mine Foremen | 3 |
| Operators | 1 |
| Miners | 12 |
| Nationalities: |  |
| American (Native-born) | 12 |
| Friendsville Class |  |
| Number of men enrolled | 15 |
| Average age of men | 32 years |
| Average previous educational preparation.... | 8.5 years |
| Mine Foremen | 1 |
| Teachers ......... | 2 |
| Miners | 12 |
| Nationalities: |  |
| American (Native-born) | 15 |

## Gilmore Class



## Barton Class

Number of men enrolled
Average age of men................................................. 35.7 years
Average previous educational preparation $\quad 6 . \quad$ years
Occupations:
Operators ............................................................... 3
Laborers ...
Miners .................................................................. 6
Nationalities:
American (Native-born) … $\quad 14$
Frostburg Class
Number of men enrolled........................................ 10
Average age of men................................................ 30 years
Average previous educational preparation............. 8.1 years
Occupations:
Mine Foremen ............................................... 2


Nationalities:
American (Native-born) .................................... 10
Summary


## CONCLUSION

All of this year's classes were smaller both in enrollment and attendance, as compared to last year. However, what they lacked in quantity they made up in quality. Some very good work was done in all of the classes, and in my opinion, many of these men
will make a mark for themselves anywhere they may be in the industry.

Some of this year's classes were held in small communities where there had not been any classes previous to this time. In these communities there was not a great deal of material to draw from, but it gave some men an opportunity to attend the classes who did not have this chance before. The results were gratifying and it was well worth the effort.

Of the total enrollment, 47 were new men; this number represents 71 per cent of the enrollment.

## REPORT ON THE SHORT COURSE IN COAL MINING—1937

L. C. Hutson, Director

The fourteenth annual Short Course in Coal Mining, held at Frostburg, Md., conducted by the Maryland Bureau of Mines, in cooperation with the University of Maryland, the State Department of Education and the County Boards of Education of Allegany and Garrett Counties, opened June 14, 1937, and closed July 24, 1937.

The six weeks of the Course were held as usual in the main building of the State Teachers College at Frostburg.

## Instruction Staff and Subjects

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

## 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-Safety Lamps |
|  | 2:45 to 4:00-Maryland Mine Law |
| Second Week | 8:00 to 9:00-Mining Arithmetic |
|  | 9:15 to 10:30-Electricity in Mines |
|  | 10:45 to 12:00-Coal Mine Gases |
|  | 1:00 to 1:45-Maryland Mine Law |
|  | 2:00 to 4:00-Map Reading |
| Third Week | 8:00 to 9:00-Mining Arithmetic |
|  | 9:15 to 10:30-Electricity in Mines |
|  | 10:45 to 12:00-Mining Methods |
|  | 1:00 to 1:45-Maryland Mine Law |
|  | 2:00 to 4:00-Map Reading |
| Fourth Week | 8:00 to 9:00-Mining Arithmetic |
|  | 9:15 to 10:30-Coal Mine Ventilation |
|  | 10:45 to 12:00-Drainage and Pumping |
|  | 1:00 to 2:00-Maryland Mine Law |
|  | 2:15 to 4:00-First Aid |
| Fifth Week | 8:00 to 9:00-Mining Arithmetic |
|  | 9:15 to 10:30-Coal Mine Ventilation |
|  | 10:45 to 12:00-Geology of Coal |
|  | 1:00 to 4:00-Mine Rescue |
| Sixth Week | 8:00 to 9:00-Review and Examinations |
|  | 9:15 to 10:30-Haulage |
|  | 10:4j to 12:00-Mine Fires and Explosions |
|  | 1:00 to $\overline{5}: 00$-Field Trips |

## Enrollment

| Name Address | Age Occupation | Employ |
| :---: | :---: | :---: |
| Clarence Raley ........Frostburg | $\ldots . .56$.....Foreman ... | Big Savage Fire Brick Co. |
| Conrad Strube..........Frostburg | 35.....Foreman | Strube Walbert Coal Co. |
| Wm. E. Baker | 41.....Foreman | Union Mining Co. |
| Thomas Machin........Mt. Savage | 63.....Foreman. | Union Mining Co. |
| Bert Parise .............Frostburg | 20......Merchant | Self. |
| James Smith .............Frostburg | 27.....Foreman. | McNitt Coal Co. |
| Henry E. Burkha |  |  |
| Carroll Forman.......Crellin | 25 .... Miner | Stanley Coal Co. |
| Wm. F. Miller...........Grantsville | $26 . . .$. Operator | Miller Coal Co. |
| Thomas Brodie ........Midland | 35 Miner | Consolidation Coal Co. |
| Harry Sulser ............Midland | 49 .....Laborer... | Consolidation Coal Co. |
| Vernon C. Beachey...Grantsville | 29 ...Foreman | Meyers Coal Co. |
| John Blank................Mt. Savage | 58. |  |
| Wilbur Burrell..........Kitzmiller | $34 . . .$. Foreman. | Pritts Bros. Coal Co |
| Darcie E. Cosner Kempton | 32 .... Miner | Davis Coal \& Coke Co. |
| James R. Ringler...Barrellville | 43 Foreman | Union Mining Co. |
| Joseph W. Thomas...Mt. Savage | 43 Foreman. | C. E. Thomas Coal Co. |
| Stanley Weimer.......Mt. Savage | ... 36 Foreman. | Big Vein Coal Co. of Lonaconing, Inc. |
| James H. Smith......Frostburg | 51...Foreman | Stewart \& Holmes Coal Co. |
| Edward Lewis..........Midlothian | 29 - Miner....... | Midlothian Coal Co. |
| Woodrow Seaman...Frostburg | $21 . . .$. Miner | Midlothian Coal Co. |
| James Cesnick...........Frostburg | 21..... Miner. | Consolidation Coal Co. |
| Adam Sigler............ Lonaconing | 31 ...Laborer.. | Consolidation Coal Co. |
| Alvin C. Neat, Sr...Lonaconing |  | Big Vein Coal Co. of Lonaconing, Inc. |

## CONCLUSION

The average age of the students was 37.2 years. The youngest student enrolled was 20 years of age and the eldest, 63 years. Of the total enrollment of 24 students, 20 were part-time students; that is, they were working on the night shift, or were working part of the day shift, and attending such classes as they could find time for. In spite of this handicap, the average attendance per day, for the six-week period, was 17. The enrollment this year was the second largest since the inception of this Course, and the quantity and quality of the work performed was exceptional. One of the noteworthy features was the increased attendance this year from Garrett County, there being a total of five men enrolled from that County.

## SUMMARIZATION

Total number of men enrolled, both districts
Number of men enrolled in the Short Course. ..... 24
Average weekly attendance, both districts ..... 70
Average age of men, both districts

31.3 years
Average previous educational preparation, both districts ..... 7.9 years
Average attendance percentage, both districts ..... $40 \%$
Percentage of new men enrolled, both districts ..... $48 \%$
Percentage of Americans enrolled, both districts. ..... $99 \%$
Percentage of miners enrolled, both districts ..... $41 \%$

| Lowdermilch, Arthur, (Section of Pynhed Mine) | 2 | 824.05 |
| :---: | :---: | :---: |
| McKenzie, Francis | 1 | 75.00 |
| MacGregor, Samuel A., Borden Mine | 2 | 1,203.00 |
| Metz Coal Company, Metz Mine | 13 | 7,157.10 |
| Arch Michaels Coal Company, Michaels Mine................ | 3 | 3,422.00 |
| Miller Coal Company.... | 9 | 2,498.00 |
| Moscow Coal Company, Shaw No. 4 Mine | 4 | 54.00 |
| Mt. Union Big Vein Coal Co., Mt. Union Big Vein Mine | 9 | 3,061.00 |
| Myers \& Company, Colony No. 1 Mine........................... | 4 | 478.00 |
| Nelson Coal Mine, Spear Mine. | 5 | 1,247.00 |
| Nichols Coal Company (Joseph Nichols) | 2 | 144.00 |
| Parker Hi-Grade Coal Co., Parker Mine. | 10 | 2,796.07 |
| Porter Bros. | 3 | 1,503.00 |
| Porter \& Sons, Jos. (Section of Pynhed Mine).............. | 2 | 326.05 |
| O. T. Porter (Section of Pynhed Mine). | 1 | 388.04 |
| Porter \& Joyce. | 2 | 342.00 |
| Rephann \& Porter | 2 | 50.00 |
| R. C. Roberts Coal Company, No 2 Mine | 3 | 2,700.00 |
| Schiver, Frank E. | 3 | 561.00 |
| Stewart Mining Co., Blackberry Mine. | 13 | 4,523.00 |
| Strube \& Walbert, Borden Hill Mine. | 7 | 3,827.00 |
| John A. Sullivan Coal Co., Clifton No. 1 Mine | 14 | 6,443.00 |
| Sunnyside Coal Company, Billycliff Mine.. | 4 | 1,434.00 |
| Sutherland Coal Co.. | 2 | 234.00 |
| C. E. Thomas, Sunnyside No. 1 Mine | 5 | 3,787.16 |
| Carson Thomas Coal Co., Pecal Mine | 2 | 593.18 |
|  | 2 | 190.19 |
| Trimble Coal Co. | 3 | 1,142.00 |
| Jesse Trimble, Du-Well Mine | 3 | 567.00 |
| Robert Turnbull, Pleezing Mine | 1 | 53.00 |
| Vale Summitt Big Vein Coal Co. | 17 | 8,388.00 |
| Williams \& Keister Coal Co., Washington No. 1 Mine | 8 | 955.07 |
| Winters \& Brode | 2 | 514.00 |
| C. O. Workman, Workman Mine | 8 | 5,480.10 |
| Total |  | 98,698.08 |

## Garrett County

| Company No. | No. Employees | Net Tions |
| :---: | :---: | :---: |
| Beitzel, John | 2 | 310.00 |
| Bittinger, Frederick | 1 | 365.00 |
| Black Diamond Coal Co., North America Mine. | 2 | 129.00 |
| H. L. Bowman Coal Co., Shade Run Mine. | 12 | 7,638.00 |
| H. L. Bowman Coal Co., Patton or Yoder Mine. | 34 | 24,637.00 |
| Broadwater, Harry, Clover Bottom Mine............. | 1 | 66.00 |
| Collins, James, Miller Run Mine | 1 | 366.00 |
| Consumers Coal Mining Co., Mt. Zion Mine | 4 | 114.00 |
| Consumers Coal Co., Mine No. 1. | 4 | 678.00 |
| Consumers Coal Co., Dodson No. 2 | 8 | 2,560.00 |
| Consumers Coal Co., Dodson No. 3. | 10 | 3,645.00 |
| Cosner, Emmett | 2 | 217.00 |
| Davis, Clyde, Dodson Mine | 1 | 40.00 |
| Davis, R. T., North America Mine........................................ | 1 | 281.16 |
| Deer Park Fuel Co., No. 1 Mine. | 3 | 1,548.10 |
| DeMarks, James | 3 | 192.00 |
| DeShong Coal Co., Four Foot Mine | 2 | 131.00 |
| Fike Coal Co....................................................................................... | 2 | 300.00 |


[^0]:    
    
     Wile etting on rear end of trip, slipped and fell ; caught foot under trip. Bruised foot.
    njured fell over crank of auger. Frated red rib.
    
    

[^1]:    
    

[^2]:    
    Cause of Accident, Nature and Extent of Injury
    He was picking down olay from breast of room. Lump of clap dropped and rolled,
    striking left foot, bruising it.

