# FIRST ANNUAL REPORT <br> of THE <br> <br> MARYLAND BUREAU OF MINES 

 <br> <br> MARYLAND BUREAU OF MINES}

OF THE

## STATE OF MARYLAND

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

Covering Period May 1, 1922, to December 31, 1922, and Period January 1, 1923, to December 31, 1923.


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## HON. ALBERT C. RITCHIE

gOVERNOR OF MARYLAND

JOHN J. RUTLEDGE<br>Chief Mine Engineer

$\qquad$

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## LETTER OF TRANSMITTAL

## To His Excellency,

Hon. Albert C. Ritchie,
Governor of Maryland:

## Sir:

I have the honor to submit herewith the First Annual Report of the Maryland Bureau of Mines for the periods May 1st, 1922, to December 31 st, 1922, and from January 1st, 1923, to December 31st, 1923, in compliance with the requirements of the new Mining Law of the State of Maryland.

Very respectfully,
John J. Rutledge,
Chief Mine Engineer.

## REPORT OF THE MARYLAND BUREAU OF MINES

To His Excellency,

> Hon. Albert C. Ritchie,
> Governor of Maryland:

Sir:
The report herewith submitted is for the period May 1st to December 31st, 1922, which was the fourth annual report of the then State Mine Inspector, Frank T. Powers, and the Forty-Seventh Annual Report upon Conditions of the Coal and Clay Mines within the State. This report also includes the report of conditions of the Coal and Clay Mines within the State for the calendar year 1923, in accordance with the new Mining Law, which requires that the report be made for the calendar year instead of the fiscal year as heretofore.

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

> CLAY AND COAL PRODUCTION. From May 1st, 1922, to December 31st, 1922. $\begin{aligned} & \text { Pick } \\ & \text { Machine } \\ & \text { Total. }\end{aligned}$

From January 1, 1923, to December 31, 1923.
Pick $-\square_{-} \quad 1,695,409.31$
Machine 660,600.11

Total $-\quad$ - $2,356,009.42$

## COAL PRODUCTION, ALLEGANY COUNTY.

During the period from May 1, 1922, to December 31, 1922, Allegany County employed 1,278 miners, 129 drivers, 287 inside laborers and 264 outside laborers, making a total of $1,958 \mathrm{men}$. The production of coal for Allegany County for the period May 1st to December 31st, 1922, was 409,212 tons. This shows a production of 320.5 tons for each miner employed during this period.

During the period from January 1st, 1923, to December 31st, 1923, Allegany County employed 1,640 miners, 170 drivers, 368 inside laborers and 346 outside laborers, making a total of 2,524 men. The production of coal for Allegany County for the period January 1st to December 31st, 1923, was $1,536,358.97$ tons. This shows a production of 936.80 tons for each miner employed during this period.

## COAL PRODUCTION, GARRETT COUNTY

During the period from May 1st to December 31st, 1922, Garrett County employed 766 miners, 102 drivers, 141 inside laborers and 185 outside laborers, making a total of 1,194 men. The production of coal for Garrett County for the period May 1st to December 31st, 1922, was 340,112 tons. This shows a production of 444.01 tons for each miner employed during the period from May 1st to December 31st, 1922.

During the period from January 1st to December 31st, 1923, Garrett County employed 856 miners, 106 drivers, 158 inside laborers, and 191 outside laborers, making a total of $1,311 \mathrm{men}$. The production of coal for Garrett County for the period January 1st to December 31st, 1923, was $763,071.77$ tons. It also shows a production of 891.43 tons for each miner employed.

## FIRE CLAY PRODUCTION.

During the period from May 1st to December 31st, 1922, the Fire Clay Mines in Allegany County employed 46 miners, 9 drivers, 20 inside laborers and 14 outside laborers, making a total of 89 men. The production of clay for Allegany County for the period May 1st to December 31st, 1922, was 38,162 tons. It also shows a production of 829.6 tons of clay for each miner employed.

During the period from January 1st to December 31st, 1923, the Clay Mines in Allegany County employed 58 miners, 10 drivers, 28 inside laborers and 27 outside laborers, making a total of 1,051 men. The production of clay for Allegany County for the period from January 1st to December 31st, 1923, was $56,578.68$ tons. It also shows a production of 975.66 tons of clay for each miner employed.

## TONNAGE PER FATALITY.

In Allegany County for the period May 1st to December 31st, 1922, there were 204,813 tons of coal produced for each fatal accident, while in Garrett County for the same period there were 340,112 tons of coal for each fatal accident.

In Allegany County for the period January 1st to December 31st, 1923, there were 512,119.65 tons of coal produced for each fatal
accident, while in Garrett County for the same period there were $381,535.88$ tons of coal produced for each fatal accident.

TONNAGE PER FATALITY FOR ENTIRE STATE.
During the period May 1st to December 31st, 1922, there were 249,774 tons of coal produced per fatal accident.

During the period January 1st to December 31st, 1923, there were 459,886 tons of coal produced per fatal accident.

Mr. W. W. Adams, statistician of the U. S. Bureau of Mines, states that the average production per fatality in Bituminous Mines throughout the United States in 1923 was 280,000 tons. It will be noted that compared with the average of the other States, the showing in Maryland mines in commendable.

The new Maryland Mining Law has, during the period covered by this report, operated very efficiently and with little or no friction. The operator and miner members of the Mine Examining Board have given a great deal of time to their duties as members of the Board and have at all times manifested an earnest and broadminded desire, while acting as members of the Board, to serve the interest of mine safety and efficiency and they have not at any time shown a partisan spirit.

The District Mine Inspectors have manifested a zealous interest in enforcing the laws made to promote mine safety and the conservation of the coal resources of the State.

Notwithstanding the fact that this report covers a period of time during which the entire Western Maryland coal field was harassed by a prolonged strike of coal miners, good mine discipline, which is essential to mine safety, has been maintained at all times. This desirable condition is doubtless due to the fact that the greater number of coal mine employes in the Western Maryland coal field are native-born and English speaking. In this respect, the Westerm Maryland coal field, especially that portion known as the Georges Creek district, is unique. Probably no other coal field in the United States has such a large percentage of native-born, English-speaking miners.

## THE NEW MARYLAND MINING LAW

During the Legislative session of 1920, the Allegany and GarrettCounty delegations in the House offered a bill providing for a revision of the Maryland Mining Law. The bill passed the House, but in the Senate some opposition was met with and an amendment was drafted providing for a commission to draw up a mining code. The Senate adopted this bill and the Governor appointed as a commission, Honorable William M. Maloy, Chairman of the Public Service Commission, representative of the public, as chairman; G. Marshall
sentatives of the operators and miners, respectively. The Commission had the valuable assistance of Mr. Charles T. Clayton, Attorney, of Washington, D. C., in the preparation of the law. Mr. Clayton is a former resident of Georges Creek region and was familiar with local conditions.

The Commission drew up a bill, which, when drafted, was submitted to meetings of miners and operators separately, and printed copies of the draft were circulated widely throughout the coal mining regions of the State. A few amendments were proposed and most of these were accepted by the Commission and added to the bill.
The bill, which was known as Senate Bill 55, was introduced by Senator F. W. Mish, of Washington County, in the Senate, and passed that body without objection. It finally passed the House, after some opposition, and was adopted in its present form and approved by the Governor on April 13, 1922, and became effective October 1, 1922.

This law is peculiar in several respects. In the first place, it simplifies the examinations for mine foremen and fire bosses in that a very small Mine Examining Board is provided for and this Board has charge of all the examinations for mine foremen and fire bosses within the State.

It is unique, in the second place, in that the law defines gaseous mines in explicit terms, and is believed to be the first state mining law of which this can be said.

Third, it is remarkable for the reason that insofar as is known it is the first attempt in state laws to supplement statute laws with flexible regulations which can meet the changing conditions in coal mines. This bill, at least so far as known, is the first attempt to embody the principle of administrative responsibility with flexible powers to secure objects limited by the statute mining law. Heretofore, mining laws of the various coal producing states have followed the British and Pennsylvania practice which carry rigid provisions on every subject on which the legislature is informed, and there is no means of readily meeting changed conditions without the complete revision of the mining law with all the dangers that attend such revisions.

The metal mines in the State or Wisconsin are operated under regulations promulgated by the Industrial Commission of Wiscon$\sin$. This is also the case with the State of Utah, but Maryland is the first State, it is believed, to supplement the Statute Law with regulations. Some twenty-six clauses of the law provide for the preparation and promulgation of regulations. Practically all of the coal producing states have mining laws which are limited to statutes ard have no flexibility and this has tended to hamper the efforts of the mine inspectors in their endeavors to remedy conditions which tend to cause mine accidents and disasters.

The division of responsibility at the working face between the miner and the foreman in the Maryland Mining Law is almost ideal in that it places the responsibility for the safety of the miner equally upon the foreman and the miner himself.

## MARYLAND MINE INSPECTORS

|  | May, 1874, to May, 1876...-*) Peter Cain |
| :---: | :---: |
| Fr | May, 1876 to May, 1880 . |
| From |  |
| From | May, 1884, to May, 1886 |
| From | September, 1886, to May, 1888................- - - . |
| From | May, 1888, to May, 1892 - |
| From |  |
| From |  |
| From |  |
| From |  |
| From | May, 1904, to May, 1908.....ancow- |
| From |  |
| From |  |
| From |  |
| From |  |
| From |  |
| From |  |
| From |  |
| From | May 1, 1920, to May 1, 1921 - |
| From | May 1, 1921, to September 30, 1922 Frank T. Powers |
| From | October 1, 1922,to,May 1, 1923, (temporary appointment)..Frank T. Powers |
| From | May 1, 1923, permanent appointment, effective May 1, 1923 |
|  | May 1, 1923, permanent appointment, effective May 1, 1923 |

John B. Watkins
Heretofore the annual reports of the Maryland State Mining Inspectors have covered the year May 1 to April 30. This report covers the period from May 1, 1922 to December 31, 1922, and from January 1, 1923, to December 31, 1923.

The new Maryland Mining Law, creating the Maryland Bureau of Mines a separate bureau in the State Board of Labor and Statistics, was approved April 13th, 1922, and became effective October 1. 1922. Previous to the enactment of this law, the State Mining Inspector was an employe of the State Board of Labor and Statistics. Frank T. Powers was acting as State Mining Inspector when the new mining law became effective, October 1, 1922, and was continued under a temporary appointment as District Mine Inspector until a State Mine Examining Board could be appointed and examinations for Mine Foremen, Fire Bosses and District Mine Inspectors held.

John J. Rutledge was appointed Chief Mine Engineer of the Maryland Bureau of Mines by Governor Albert C. Ritchie and assumed office October 1, 1922. Governor Ritchie appointed G. M. Gillette, Frostburg, representative of the coal operators, and Law-
rence Dunn, Midland, representative of the miners, in December, 1922, as members of the State Mine Examining Board. Mr. Gillette is the General Manager of the Maryland Division of The Consolidation Coal Company, Frostburg, Allegany County, and Mr. Dunn is a miner employed in the Jackson Mine of the Georges Creek Coal Mining Company, Lonaconing, but resides at Midland, Allegany County. Under the new mining law the Chief Mine Engineer is Chairman, ex officio, of the State Mine Examining Board.

The State Mine Examining Board held the first examination for Mine Foremen, Assistant Mine Foremen and Fire Bosses at Frostburg, January 23-27, 1923. One hundred and eighty-seven candidates presented themselves as candidates for examination and sixteen Certificates of Competency of the First Class, fifteen Certificates of Competency of the Second Class, seventy-five Mine Foremen Service Certificates, thirty-five Assistant Mine Foremen Service Certificates, two Fire Boss Service Certificates and one Mine Foreman Service Certicate of the First Class were issued.

In accordance with the new Mining Law, the State Employment Commission held an examination for District Mine Inspectors and recommended Frank T. Powers of Frostburg, John B. Watkins of Kempton and Thomas Richardson of Frostburg. Frank T. Powers and John B. Watkins were recommended to the Governor for appointment by the Chief Mine Engineer and were appointed District Mine Inspectors by Governor Ritchie and assumed office May 1, 1923.

## PERSONNEL. MARYLAND BUREAU OF MINES

John J. Rutledge - - - - $\quad 22$ Light Street, Baltimore
District Mine Inspector
Frank T. Powers - - - - - - - - - - Frostburg District Mine Inspector
John B. Watkins - - - - - - - - - Westernport
Clerk-Stenographer
Miss Julia E. Jefferson - - - - 22 Light Street, Baltimore Vocational Mining Instructor
L. C. Hutson - - - - - - - - - - - - Kitzmiller Mine Examining Board
John J. Rutledge, Chairman - - 22 Light Street, Baltimore G. M. Gillette, Representing Coal Operators - - Frostburg Lawrence Dunn, Representing Coal Miners - - - - Midland

# SCALE OF WAGES IN THE GEORGE'S CREEK FIELD FROM MAY 1, 1880, TO DECEMBER 31, 1922 

|  | Per Gross Tons Picked |
| :---: | :---: |
| May 1, 1880 | \$0.65 |
|  | -... . 50 |
| December 1, 1884 | . 40 |
| March 1, 1887 | . 50 |
| April 1, 1894 | . 40 |
| Ajril 1, 1896 | . 45 |
| April 1, 1900 | 55 |
| April 1, 1903 | . 65 |
| April 6, 1904 | . 60 |
| April 1, 1910 | . 63 |
| April 1, 1912 | . $65{ }^{1 / 2}$ |
| January 15, 1916 | . 68 |
| October 16, 1916 | . 75 |
| March 1, 1917. | . 85 |
| May 1, 1917. | . $931 / 1 / 2$ |
|  | 1.04.7 |
| November 1, 1919 | 1.19.4 |
| April 1, 1920. | $1.311 / 2$ |
| December 31, 1922 | $1.311 / 2$. |
|  | $1.311 / 2$. |

## LABOR CONDITIONS

A strike of coal mine employes in the Western Maryland coal field was called on April 1, 1922, by the officials of the miners organization. There was a very general cessation of mining operations for several months following the calling of the strike and after being idle some time a few mines resumed operation, after signing an agreement with the miners organization. Mining operations were gradually resumed in many other mines during the early part of 1923, under an open shop plan of operation, and by late summer there was a general resumption of coal mining, most of the mines operating under open shop conditions. The strike was officially called off by the miners' officials on November 22, 1923.

MINES IDLE DURING PERIOD MAY 1 TO DECEMBER 31, 1922 ALLEGANY COUNTY

| Company | Name of Mine | Location |
| :---: | :---: | :---: |
| Hoffa Bros. Coal Company. | Potomac Mine No. 1 | Barton |
| Robert Harvey \& Sons. |  | Reynolds |
| Brydon Bros. Coal Corp........................ | Pekin Mine | Pekin |
| Brydon Bros. Coal Corp. | Moscow Mine | Barton |
| Brydon Bros. Coal Corp. | Coromandel Mine | Lonaconing |
| North Maryland Coal Co. | Montell Mine | Montell |
| Midland Mining Company |  | Midland |
| Piedmont \& G. C. Coal Co. | Bowery Furnace No. 1 | Midlothian |
| United Big Vein Coal Co.. |  | Mt. Savage |
| Maryland Coal Company.... | Mine No. 4 Tyson Mine | Lonaconing |
| Consolidation Coal Co. | No. 3 Mine | Hoffman |
| Consolidation Coal Co.. | No. 4 Mine |  |
| Consolidation Coal Co. | No. 6 Mine | National |
| Consolidation Coal Co. | No. 11 Mine | Pumping Shaft |
| Consolidation Coal Co. | No. 14 Mine | Zihlman |
| Consolidation Coal Co. | No. 15 Mine | Vale Summitt |
| Consolidation Coal Co... | No. 16 Mine | Midland |
| Mt. Savage \& G. C. Coal Co... | Mine No. 1 | Georges Creek Village |
| Potomac \& Cumberland Coal Co.......... |  | Mt. Savage |
| Greens Coal Company | Mine No. 1 | Lonaconing |
| Big Vein Coal Co. of Lonaconing........ | Castle Run Mine | Lonaconing |
| Frostburg Big Vein Coal Co............ |  | Zihlman |
| Campbell Bros.............................. |  | Gilmore |
| Midland \& G. C. Coal Company.......... |  | Gilmore |

GARRETT COUNTY


MINES IDLE DURING THE CALENDAR YEAR 1923 ALLEGANY COUNTY

| Company | Name of Mine | Location |
| :---: | :---: | :---: |
| Greens Coal Company. | Greens Mine | Lonaconing |
| Potomac \& Cumberland Coal Co.... | Cosanave | Mt. Savage |
| Midland Mining Company.... | Neff Run | Midland |
| Arcardia Coal Company | Arcadia | Barton |
| Jarby Brady |  | Westernport |
| Drostburg Big Vein Coal Company | Brady Mine <br> No. 1 | Frostburg |
| Annan \& Jeffries | Union No. 2 | Frostburg |
| Piedmont \& George's Creek Coal Co... | Washington No. 2 | Midlothian |
| Piedmont \& George's Creek Coal Co... | Bowery Furnace No. 1 | Midlothian |
| Smith \& Sons. |  | Mt. Savage |

GARRETT COUNTY

| Company | Name of Mine | Location |
| :---: | :---: | :---: |
| Hubbard Coal Mining Company.... | Hill Top Mine | Hubbard, W. Vo. Jennings Steyer, Md. |
| U. M. Stanton Coal Mines...........- |  |  |
| Potomac River Coal Company- |  |  |

## TABLE OF MINE INSPECTIONS

## ALLEGANY COUNTY <br> FOR PERIOD MAY 1 TO DECEMBER 31, 1922

| Date. | Name of Company and Mine. | Town. | Inspector. |
| :---: | :---: | :---: | :---: |
| 1922 |  |  |  |
| May | 10-West Virginia Pulp \& Paper Co. No. 2.............. | Luke | F. T, Powers |
| June | 28 -West Virginia Pulp \& Paper Co.... | Luke | ، |
|  | 29-West Virginia Pulp \& Paper Co | Luke | ' |
| July | 22-West Virginia Pulp \& Paper Co. No. 2. | Luke | " |
| Aug. | 15-George's Creek Clean Coal Company................. | Barton | " |
|  | 16-Michael's Coal Company..................................... | Barton | * |
| " | 17-Piedmont \& George's Creek Co. | Westernport | " |
| " | 18-R. J. Ross Coal Company... | Luke | "، |
| ، | 21-Brailer Mining Company | Mt. Savage | '* |
| ${ }^{\prime}$ | 22 - Consolidation Coal Co. No. 9. | Zihlman | " |
| " | 23-Consolidation Coai Co. No. 4. | ckhart | " |
| Sept. | 1-Mt. Savage Mining Company. | Mt. Savage | " |
|  | 4-Allegany Coal Co. ................. | Westernport | " |
| " | 6-Allegany Big Vein Coal Co. | Zihlman | "، |
| " | 11-Mt. Savage Fuel Company.... | Mt. Squage | " |
| '* | 12-West Virginia Pulp \& Paper Co. Nos. 1-2 | Euke | " ${ }^{\prime \prime}$ |
| " | 13-R. J. Ross Coal Company ... | Luke | " |
| " | 14-Hampshire Coal Company ..................................... | Reynolds | * |
| " | 15-16-Office |  |  |
| " | 18 Workman Coal Co. | Frostburg | " |
| " | 10-George's Creek Coal Mining Co. | Lonaconing | " |
| " | 20-George's Creek Coal Mining Co... | Lonaconing | " |
| " | 21-Allegany Coal Co..................... | Westernport | * |
| ، | 22--Piedmont \& Georgo's Creek Nos. 1-5 | Gannons | * |
| " | 23-Mining Business --................................ | Mit. Savage <br>  <br> Lonaconing | ${ }^{\prime}$ |
| * | 26 - Allegany Big Vein Coal Co. | Zihlman | ، |
| * | 27 -Consolidation Coal Co. No. 4 | Eckhart | " |
| Oct. | 3-Mt. Savage Fuel-Uhl Mine . | Mt. Savage | " |
|  | 4-Allegany Big Vein Coal Co. | Morantown | ' |
| " | 5 -Consolidation Coal Co., No. 9. | Zihlman | \% |
| ، | 6 -Union Mining Co. No., 1 ......... | Mt. Savage | " |
| " | 10-George's Creek Coal Co., Speir Mine. | Barton | " |
| " | 11-..Mt. Savage Míning Co., Liberty Mine. | Mt. Savage | " |
| '6 | 12-Consolidation Coal Co. No. 12........ | Shaft | '، |
| " | $13-\mathrm{Consolidation} \mathrm{Coal} \mathrm{Co}. \mathrm{No} 10.$. | Eckhart | " |
| ، | 14-Allegany Coal Co., Tacoma Mine. | Westernpoit | " |
| ' | 16-Hoffa Bros. Coal Co.. Potomae Mine. | Barton | ، |
| " | 17 -Old Colony Coal Co., Moscow No. 4. | Moscow | " |
| '، | 18-Hampshire Coal Co. No. 2 .............. | Reynolds | ، |
| " | 19-George's Creek Coal Mining Co., Tyson, Jack- <br> son Mine $\qquad$ | Lonaconing | ، |
| " |  |  | " |
| " |  | Midland | -6 |
| " ${ }^{\text {c }}$ | 24 -West Virginia Pulp \& Paper Co. No. 2 Mine-.... | Luke, W.Va, | " |
| " ${ }^{\prime}$ | 27 -Piedmont \& George's Creek Coal Co. No. 5 Mine | Westernport | ، |
| "" | 31 --Piedmont \& George's Creek Coal Co. No. 1 Mine | Gannons | " |
| Nov. | 6-Pine Hill Coal Co., Pine Hill Mine...................... | Lonaconing | " |
|  | 13--Mt. Savage Fuel Co., Newtown Mine................... | Mt. Savage | ، |
| " | 14-Mt. Savage Mining Co., Liberty Mine.................. | Mt. Savage | " |
| " | 15--George's Creek Coal Co. No. 4............................ | Lonaconing | ${ }^{6}$ |
|  | $17-$ Boal \& Langham Coal Co., Langham Mine......... | Barton | " |
| " | 18 - Big Vein Coal Co., Big Vein Mine....................... | Lonaconing | " |
| " |  | Barton | ، |
| " | 21-Clair Coal Co., Penn Mine..................................... | Gannons | ، |
| D | 28 -United Big Vein Coal Co., Big Vein Mine........... | Mt. Savage | ، |
| Dec. | 7-McKee Coal Co., MeKee No. 2............................... | Lonaconing | ، |
|  | 8--C. J. Rowe Coal Co., Parker Mine-.---...-.............. | Barrellsville | ، |
| " ${ }^{\prime}$ | 9-Consolidation Coal Co. No. 13................................ | Frostburg | ، |
|  | 11--Brailer Mining Co., Bald Knob.................................. | Mt. Savage | * |

TABLE OF MINE INSPECTIONS—Continued ALLEGANY COUNTY
FOR PERIOD MAY 1 TO DECEMBER 31, 1922

| Date. | Name of Company and Mine. | Town. | Inspector. |
| :---: | :---: | :---: | :---: |
| 1922 |  |  |  |
| Dec. | 12---Uuion Mining Co., Union No. 3............................ | Mt. Savage | F. T. Powers |
| ". | 13-Shaw Mining Co., Shaw Mine.............................. | Barton | ، ${ }^{\text {a }}$ |
| .. | 18--Chapman Coal Co. $\qquad$ | Barton | " |
| " | $19-\mathrm{R}$. J. Coal Mining Co. (was Phoenix Coal Mining Co.), Phoenix Mine. | Reynolds | ، |
| " | 20-Sullivan Bros. Coal Co. ...................................... | Eckhart |  |
|  | 21-Maryland Coal Co., Big Vein... | Lronaconing |  |
| .' | ${ }_{26}^{22-G e o r g e ' s ~ C r e e k ~ C o a l ~ C o . ~ N o . ~ 3 . a . . . . . . . . . . . . . . . . . . . . . . . ~}$ | Lonaconing | " |
| ، |  | Zihlman | ، |
| " | 29-Consolidation Coal Co. No. 12....................................... | Shaft | " |

TABLE OF MINE INSPECTIONS-Continued
ALLEGANY COUNTY
FOR CALENDAR YEAR 1923


## TABLE OF MINE INSPECTIONS-Continued <br> ALLEGANY COUNTY FOR CALENDAR YEAR 1923

| Date. | Name of Company and Mine. | Town. | Inspector. |
| :---: | :---: | :---: | :---: |
| 1923 |  |  |  |
| May | 7- ${ }^{\text {\% Consolidation Coal }}$ Co. No. 3. | Hoffma |  |
| ". | 21-C. J. Rowe \& Bros., Inc., Parker Mine.................. | Barrellsville | . T. Powers |
|  |  | Lonaconing |  |
|  | 24-George's Creek Coal Co., Inc., No. 2. | Lonaconing |  |
|  | 25-United Big Vein Coal Co. No. 2..... | Mt. Savage |  |
|  | 28 - Allegany Coal Co., Tacoma Mine. | Westernport |  |
|  |  | Gannons Sta. |  |
|  | 31 -Caledonia Coal Co., Big Vein Mine | Barton |  |
| June | ${ }_{2}$ 1-Hampshire Big Vein Coal Co. No. 1.................... | Reynolds |  |
|  | 2-Consolidation Coal Co. No. 13-........................... Nost Virginia Pulp \& Paper Co., Dev | Frostburg |  |
|  | 22-\%Consolidation Co |  |  |
| " | 25 -Mt. Savage \& George's Creek Coal Co. No. | Frostburg |  |
|  | 27 -Consolidation Coal Co. No. 16.... | Grown's Shaft |  |
|  | 28---Consolidation Coal Co. No. 10............................. | Eckhart | Joint |
|  | 29 *-Consolidation Coal Co. No. 11. | Pumping Shaft |  |
| July | 2-MeNitt, Coal Co., McNitt Mine. <br> 5-George's Creek Coal Mining Co., Jackson Big <br> Vein Mine | Midlothian Lonaconing | F. T. Powers |
|  | 7 -Sullivan Bros. Coal Co. No. 1. | Eckhart |  |
| ". | 9-Donald Coal Co., Ine., Phoenix Mine..................... | Reynolds |  |
| " | 12-13-*Mt. Savage Mining Co.. Liberty Mine | Gannons Sta. |  |
| " | 16-17-Consolidatiou Coal Co. No. 1.............. | Mt. Savage | Joint |
| $\cdots$ | 18-Consolidation Coal Co. No. 12. | Shaft |  |
| . | 19 Caledonia Coal Co., Caledonia Big | Barton | * |
|  | $20-$ Consolidation Coal Co. No. 4. | Eckhar |  |
| .، | 23 -Consolidation Coal Co. No. 8... | Hoffman | " ${ }^{\prime}$ |
|  | 24--Hoffa Bros. Coal Co., Potomac Mine. | Barton |  |
|  | $25-$ Moseow \& George's Creek Coal Co., No. 2 Mine <br> (No. 3, idle) | Barton |  |
|  | $26-$ Sullivan Bros. Coal Co. No. 2. |  |  |
| Aug. | ${ }_{2}^{1-C .-U . ~ F . ~ R o w e ~ \& ~ B r o s . ~ C o ., ~ I n c ., ~ P a r k e r ~ M i n e . . . . . . . . . . ~}$ | Barrellsville |  |
|  | ${ }^{2}-\mathrm{United}$ Big Vein Coal Co., Big Vein No. 2 -........- | Mit. Savage |  |
| " | 6 --Coromandel Coal Co.. Caromandel M | Barton |  |
| " | 6 -Big Vein Coal Co., Big Vein Mine. | Lonaconing |  |
| ' | Koontz Coal Company, McKee No. 2 | Lonaconing | ، |
|  | 8 -Piedmont \& George's Creek Coal Co., No. 5 Mine | Gannons Sta |  |
|  | 99-Allegany Coal Co., Tacoma No. 1.......................... | Westernport |  |
| ، | 9-Allegany Coal Co., Tacoma No. | Westernport |  |
| " |  | Frostburg |  |
| . | 16-Maryland Coal Co., Big Vein Mine | Frostburg |  |
|  | 17 -Hampshire Big Vein Coal Co. No. 1. | Reynolds | ، |
|  | 21--*Piedmont $\&$ George's Creek Coal Co., Bowery Furnace No. |  |  |
| . | ${ }^{22-2}$ - Mt. Savage \& George's Creek Coal Co. No. 1.... | Georges Creek |  |
|  | ${ }^{23}$ - Old Colony Coal Co., Old Colony No. 4----......-- | Moscow |  |
| . | 24-MMt. Savage Mining Co., Liberty Mine................. | Mt. Savage |  |
| " |  | Mt. Savage | F. T. Power's |
| " | 29 Franklin Coal Co. Nos. 1-2-3. | Gord |  |
| - | 30-MeNitt Coal Co., MeNitt Mine. | Gannons Sta |  |
|  | 31-Consolidation Coal Co. No. 16........... | Browns Shaft |  |
| Sept. | 17-Brailer Mining Co., Bald Kıob Mine. | Mt. Savage | " |
|  | 18 -C. J. Rowe \& Bros. Co., Parker Mine. | Barrellsville | " |
| " | 19--Clair Coal Co., Burtner No. 6...... | Gannons Sta. |  |
| .، | 21--Mt. Savage $\mathcal{E}$ eGorge’s Creek Coal Co. No. 1... | Georges Creek |  |
|  | 24-George's Creek Coal Co., Inc., No. 4.... | Lonaconing | F. T. Powers |
|  | $27-$ Consolidation Coal Co. No. 10... | Eckhart |  |
| " |  | Eckhart <br> Shaft | ' |

## TABLE OF MINE INSPECTIONS-Continued ALLEGANY COUNTY FOR CALENDAR YEAR 1923

| Date. | Name of Company and Mine. | Town. | Inspector. |
| :---: | :---: | :---: | :---: |
| 1923 |  |  |  |
| Oct. | ${ }^{1--D o n a l d ~ C o a l ~ C o ., ~ P h o e n i x ~ C o a l ~ M i n e . . ~}$ | Reynolds | Watkins |
| ، | 2-Allegany Coal Co., Tacoma No. 1........................- | Westernport |  |
|  |  | Westernport |  |
|  |  | Gannons | ' |
|  | 12-Taylor-Offutt Mine (special inspection), (leased by Butt \& Butt Coal Co. |  |  |
|  | 15-Donald Coal Co., Freeport Mine.. | Phoenix | " |
|  | 15-Chapman Coal Mining Co., Swanton Min | Barton | F. T. Powers |
|  | $15-\mathrm{Hoffa}$ Bros. Coal Co- No- 2 . | Phoenix | Watkins |
|  | 16 Consolidation Coal Co. No. 13... | Frostburg | F. T. Powers |
|  | 17-Mt. Savage Fuel Co., Newtown Mine. | Mt. Savage |  |
|  | 19 Piedomnt \& George's Creek Coal Co, Bowery | Moscow | " |
|  | Furnace No 1 Mine........................... | Midlothian | * |
|  | 22-Sullivan Bros. Company N | Eckhart |  |
|  | 23-Morgart Coal Mining Corp. No. | Jennings |  |
|  |  | Barton |  |
| Nov. | 2-3-Consolidation Coal Co. No. 9- <br> 3-Mt. Savage and George's Creek Coal Co. (special inspection) | Frostburg | at |
|  | 5-McNitt Coal Co., McNitt Mine.. | Midloathian | T. Powers |
|  | $8-$ Brailer Mining Co., Bald Knob Mine | Mt. Savage |  |
| " ${ }^{\prime \prime}$ | Onsolidation Coal Co, No. 3 . | Hoffman |  |
|  | (special inspection) | Georges Creek | " |
| " | $15-$ Donald Coal Co., Phoenix Mine... | Reynolds | Watkins |
| " | ${ }^{16-C o n s o l i d a t i o n ~ C o a l ~ C o . ~ N o . ~} 7$. |  | F. T.، Powers |
| "، |  | Lonaconing |  |
| ، | $27-$ Clair Coal Co., Burtner No. 6. | Frostbu | Watk |
| " | 27-Koontz Coal Co., McKee No. 2. | Lonaconin | F. T. Powers |
| " | 28--Hoffa Bros. Coal Co., No. 2 Min | Reynolds | Watkins |
| $\bullet$ | 28-Arch Michaels Coal Co. | Reynolds |  |
| " | 28 Consolidation Coal Co. No. 12.. | Shaft | F. T. Powers |
|  | 28-Ezra Michael Coal Co......................................... | Reynolds | Watkins |
| " | $30-*$ Consolidation Coal Co. No. 16. | Brown's Shaft |  |
|  | 30-*Consolidation Coal Co. No. 16... | Brown's Shaft | F. T. ${ }_{\text {c }}$ Powers |
| Dec. | 3--Consolidation Coal Co. No. 4 . 4-Piedmont \& George's Creek Coal Co., Washing- | Eckhart |  |
| " | ${ }_{5}$-Hampshire Big Vein Coal Co. No. 1 | Franklin | -- |
| " | 6 - Cumberland Big Vein Coal Co., Conway Mine.... | Eckhart | F. T. Powers |
| '، | 6--Chapman Coal Co., Swanton Mine........................... | Barton | Watkins |
| .' | Old Colony Coal Co. No. 1. | Mos |  |
| ". | 7-Mt. Savage Mining Co., Liberty Mine | Mt. Savage | F. T. ${ }_{\text {/ }}$ Powers |
| ، | 10-C. J. Rowe \& Bros, Inc., Parker Mine | Barrellsvil |  |
| ' | 17--Masyland Coal Co., Big Vein Mine...... | Lonaconing | " |
| "' | 17-Allegany Coal Company, Tacoma No. 4 | Frank | Watkins |
| "' | 18--Brailer Mining Co., Bald Knob Mine | Mt. Savage | F. T. Powers |
| " | 19--Consolidation Coal Co. No. 13. | Frostburg |  |
| " | 19-Piedmont \& George's Creek Coal Co., Washington No. 5 |  | Watkins |
| " | 26-West Virginia Pulp \& Paper Co., Devon No. 2...- |  |  |
|  |  |  | F. T. Powers |
|  | 31-McNitt Coal Co., McNitt No. 2 . | Midloathian |  |

TABLE OF MINE INSPECTIONS-Continued GARRETT COUNTY

FOR PERIOD MAY 1 TO DECEMBER 31, 1922

| Date. | Nante of Company and Mine. | Town. | Inspector. |
| :---: | :---: | :---: | :---: |
| 1922 |  |  |  |
| May | 8--Morgart Coal Mining Company.............................. | Jennings | F. T. Powers |
|  | 9-Myers Coal Company --.......................................... | Grantsville |  |
| " | 12--R. J. Rjss Coal Company-................................. | Bloomington | " |
| "، | 22 -Garrett County Coal \& Mining Co. | Dodson | ", |
| " | 23 -Garrett County Coal \& Mining Co. | Dodson | ${ }^{\prime \prime}$ |
| " | 24-Wolf Den Coal No. 1. | Shallmar | '* |
| " | 25 -Blaine Mining Company. | Potornac Manor | '6 |
| '، | 29-Stanton Coal Co. ---...-..... | Grantsville | " |
| '* | 30-Maryland Smokeless Fuel Co. .--.......................... | Jennings | " |
| '* | 31-Morgart Coal Mining Company | Jennings | "، |
| June | 19-20-Pendergast \& Ashby | Oakland | " |
|  | 22-Myers Coal Company | Grantsville | " |
| July | 18-Pendergast \& Ashby | Crellin | " |
|  | 19-Cass Coal Company . | Crellin | ${ }^{4}$ |
|  | 20--R. J. Ross Coal Co., Inc. | Bloomington | " |
| Aug. | 14.-Morgart Coal Mining Co. | Jennings | , |
|  | 24-25-Wolf Den Coal Co. and Blaine Mining Co............ | Kitzmiller | " |
| Sept. | 7-8-W. W. Althouse Coal Co. ..................................... | Gorman |  |
| Oct. | 25--R. J. Ross Coal Co., Inc., No. 1 Mine......................... <br> 26 -R. J. Ross Coal Co., Inc., Six Foot Mine. | Bloomington Bloomington Kitzmiller | F. T. Powers |
| Nov. | 8-9.-Davis Coal \& Coke Co., No, 42 Mine........................... | Kempton, W. Va.-Md. | * |
| " | 10-W. D. Althouse \& Company, Georgian Mine........ | Gorman | ، |
| " | 11-W. D. Althouse \& Company, Caldwell Mine........ | Gorman | / |
| " | 22-Wolf Den Coal Co. Nos. 1 and 2........................- | Shallmar | ، |
| * | 23 - Potomac Valley Coal Co., Pee Wee Mine.............. | Potomac Valley | * |
| * | 24-Ba!ine Mining Co., No. 1 Mine................................ | Potomac Manor | * |
| . | 27--G. C. Pattison Coal Co., Pattison Mine....-............. | Bloomingtor | " |
| * ${ }^{\text {c }}$ | 29-Hoover Coal Co., Hoover Mine............................. | Jennings | ، |
| Dec. | 1-Bloomington Coal Co.. Bloomington Mine............. | Bloomington | * |
|  | 4-Pendergast \& Ashby Coal Co. No. 1......................... | Crellin | " |
| ، | 4-Cass Coal Co., Cass Mine................... | Crellin | " |
|  | 6-McCullough Coal Mining Corn., McCullough Mine | Friendsville | ، |
| - | 15-Garrett County Coal Mining Co. Nos. 1-8-6............. <br> Whath | Dodson | * |

# TABLE OF MINE INSPECTIONS-Continued GARRETT COUNTY 

FOR CALENDAR YEAR 1923


# TABLE OF MINE INSPECTIONS-Continued GARRETT COUNTY 

FOR CALENDAR YEAR 1923

| Date. | . Name of Company and Mine. | Town | Inspector. |
| :---: | :---: | :---: | :---: |
| 1923 |  |  |  |
| Aug. | 1-2--R. J. Ross Coal Co., Inc., No. 2, Bakerstown...... <br> 3-Potomac Valley Coal Co., Peerless Mine. | Bloomington Kitzmiller | Watkins |
| ، |  | Jennings | ، |
| " | 6-Morgart Coal Mining Corp. No. 1.......................... | Jennings | ، |
| " | 7 - Aberdeen Coal Co., No. 1 Steyer......-...................... | Steyer | \% |
| ، | 8-Taylor \& Offutt Coal Co., Offutt Mine. | Oakland | ، |
| * | 9-McKanwig Coal Co., Nethkin Mine.......................- | Bayard, W.Va. | " |
| " | 13-Manor Coal Co., No. 2 Clarion.............................. | Vindex | ، ${ }^{\prime}$ |
| ' |  | Friendsville | ' |
| " |  | Grantsville | " |
| " |  | Vindex | " |
| '" | 27-Garrett Co. Coal \& Mining Co. No. 6................... | Dodson | $\cdots$ |
| " | 29.-Garrett Co. Coal \& Mining Co., No. 1 Mine......... | Dodson | " |
| " | 30 Wolf Den Coal Co.. Nos. 1-2 Mines. | Shallmar | " |
| Sept | 31-Hamill Coal \& Coke Co., Nos. 1-2......................... | Kitzmiller | "، |
| Sept. | 4 - Morgart Coal Mining Corp., No. 2 Mine................. |  | '" |
|  | 5-6-7- Davis Coal and Coke Co., No. 42 Mine. | Kempton | Joint |
| " | $10-\mathrm{R} . \mathrm{J}$. Ross Coal Co., Inc., No. 3 Mine................. | Bloomington | Watkins |
| " | 12-Hamill Coal and Coke Co., No. 2, Freeport......... | Kitzmiller |  |
| '" | 17 -Standard Coal Co., No. 1, Standard.---...---....------ | Vindex | " |
| " | 18-Pendergast \& Ashby Co., Pendergast Mine..--....-- | Crellin | ، |
| " | 19-Yough Coal Co. .................................... | Crellin | ، |
| ، | 24-W. D. Althouse \& Co., Georgian Mine-................ | Gorman | * |
| " | 25-Blaine Mining Co., North American Mine---------1. | Potomac Manor | '6 |
| Oct | 4-R. J. Ross Coal Co., Inc., No, 2, Bakerstown....... | Bloomington | " |
|  | 5-Bloomington Coal Co., Bloomington Mine-........... | Bloomington | '6 |
| " | 10--Potomac Valley Coal Co., Peerless Mine...----...... | Kitzmiller | ، |
| " $23-$ | 23-23-24--Davis Coal and Coke Co., No. 42 Mine.-................ | Kempton | $\cdots$ |
| '، | 24 -R. J. Ross Coal Co., No. 3 Mine...................................... | Bloomington | " |
| Nov. | 1-2--Wolf Den Coal Co., Nos. 1 and 2 Mines................... | Shallmar | " |
|  | 5-Hamill Coal and Coke Co., Nos. 1 and $2 . . .$. | Kitzmiller | " |
| " | 6-Pendergast \& Ashby Co., Pendergast Mine........... | Crellin | '" |
| " | 13-:W. D. Althouse \& Co., Georgian Mine................ | Gorman | Joint |
| "، | 14-*Davis Coal and Coke Co., (special) | Kempton | " ${ }^{\text {c }}$ |
| "' | 16--Manor Coal Co., Clarion No. 2............................. | Vindex | Watkins |
| " | 19-20-R. J. Ross Coal Co., No. 2, Bakertown................. | Bloomington |  |
| " | 21-22--MeCullough Coal Mining Corp., MeGullough Mine | Friendsville | F. T. Powers |
| " | 22-Blaine Mining Co., North American Mine.-......--- | Potomac Manor | Watkins |
| * | 23--Bloomington Coal Co., Bloomington Mine-.--........ | Bloomington | " |
| '* | 26-McKanwig Co., Nethkin Mine..................................... | Bayard, W.Va. | " |
| Dec. 10-1 | 10-11-12-Davis Coal and Coke Co., No. 42 Mine | Kempton | " |
|  | 18-Wolf Den Coal Co., Nos. 1 and 2 Mines............... | Shallmar | " |
| '، | 27 -Hamill Coal and Coak Co., No. 2 Freeport............... | Kitzmiller | " |
| " | 28 R. J. Ross Coal Mines, Inc., Nos. 3-6-7............... | Bloomington | " |
| " | 31--Trout Coal Co. .................................................................. | Vindex | " |
| '* | 31-Standard Coal Co., No. 1 Mine............................................... | Vindex | '6 |

FATAL ACCIDENTS-ALLEGANY

| Date | Name of Company | Name of Person Injured | Occupation | Age |
| :---: | :---: | :---: | :---: | :---: |
| 1922  <br> Sept. 18 <br> Nov. 18 | Allegany Coal Co. <br> West Virginia Pulp and Paper Co. | Charles Swick <br> Earl Bailey | Miner <br> Miner | About 27 |

FATAL ACCIDENTS-GARRETT

| Date | Name of Company | Name of Person <br> Injured | Occupation | Age |
| :---: | :---: | :---: | :---: | :---: |
| Oct. 26 | Hamill Coal \& Coke Co. | Earl Keefer | Miner | About 19 |

FATAL ACCIDENTS-ALLEGANY

| Date | Name of Company | Name of Person Injured | Occupation | Age |
| :---: | :---: | :---: | :---: | :---: |
| ${ }^{1923} 15$ | Smtih \& Sons | John Smith | Operator \& Miner | 54 |
| Oct. 13 | Koontz Coal Co. | Geo. B. Steele | Miner | 38 |
| Dec. 7 | Piedmont \& George's Creek Coal Co. | Ray Spurling | Miner | 26 |

FATAL ACCIDENTS—GARRETT

| Date |  | Name of Company | Name of Person Injured | Occupation | Age |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Jan | 22 | Davis Coal \& Coke Co. | J. W. King | Laborer | 40 |
| Mar. | 12 | Manor Coal Co. | J. B. Cosner | Miner | ....... |

## COUNTY, MAY 1-DECEMBER 31, 1922



COUNTY, MAY 1-DECEMBER 31, 1922

| Married or <br> Single | No. in <br> Family | Nationality | Residence | Cause of Accident <br> Nature and Extent of Injury |
| :---: | :---: | :---: | :---: | :---: |
| Single | $\ldots \ldots$ | American | Kitzmiller | Fall of breast rock causing injuries from <br> which he died one day later. |

- COUNTY, JANUARY 1-DECEMBER 31, 1923

| Married or Single | No. in Family | Nationality | Residence | Cause of Accident <br> Nature and Extent of Injury |
| :---: | :---: | :---: | :---: | :---: |
| Married | 4 | American | Mt. Savage | Was pulling down loose rock which fell. ou |
| Single | $\cdots$ | American | Lonaconing | Was eaught under fall of roof rock while load- |
| Married | 1 | American | Westernport | ing coal. Died one hour later. <br> F'all of roof rock catching him as he was timbering his place. Died about four hours |

COUNTY, JANUARY 1-DECEMBER 31, 1923

| Married or <br> Single | No. in <br> Family | Nationality | Residence | Cause of Accident <br> Extent of Injury |
| :--- | :---: | :---: | :---: | :---: |
| Married 6 American Kempton <br> Married $\ldots$. American Vindex | Fall of roof rock, catching him as he was <br> putting up timber on longwall face. <br> Fatally injured January 16, 1923, by fall of <br> roof rock while loading coal in heading. |  |  |  |
| Died from injuries in Allegany Hospital, |  |  |  |  |
| Cumberland, March 12, 1923. |  |  |  |  |

## FATAL ACCIDENTS

ALLEGANY COUNTY, MAY 1 TO DECEMBER 31, 1922
On September 18, 1922, Mr. Charles Swick, a miner employed by the Allegany Coal Company, in Tacoma Mine No. 1, near Westernport, Md., was fatally injured by an explosion of black powder. He was taken to the Hoffman Hospital, Keyser, W. Va., where he died three days later.

Mr. Swick stated before he died that he was making a cartridge of black powder with his lamp on his cap and the charge exploded. No one was working with him at the time of the accident and he was six hundred feet from his place when found by the Mine Foreman, Mr. R. C. Roberts.

> Time of Accident- 8.00 A. M., September 18, 1922. Time of Inspection- 9.30 A. M., September $21,1922$. Nationality-Austrian. Single-Yes. Inspector-Frank T. Powers.

Earl Bailey, a miner working for the West Virginia Pulp and Paper Co., in Devon Mine No. 2, Luke, Md., was injured by a fall of roof rock, Saturday, November 18, 1922, and died as a result of his injuries, Saturday, November 18, 1922, six hours later in the Hoffman Hospital, Keyser, W. Va.

Mr. Bailey was driving a cross-cut in No. 4 room, in Third Left Heading for air and was drilling a hole in the left corner of the coal face which had just been cut by the machine about five feet, when a large oval shaped piece of rock fell on him, crushing the breast plate of his drill into his stomach and causing injuries which later resulted in death.

The rock was saucer-shaped and measured seven feet in diameter, starting from the rib, and came to about one foot thickness in the center. The last prop from face was five and one-half feet. There were seven unused six-foot props in his place and he had his place well timbered. The accident appeared from investigation to have been unavoidable.

Time of Accident-12.30 P. M., November 18, 1922.
Time of Inspection-11.00 A. M., November 19, 1922. Nationality-American. Married-Yes. Inspector-Frank T. Powers.

GARRETT COUNTY, MAY 1 TO DECEMBER 31, 1922
Earl Keefer, a miner, was injured by a fall of rock in Mine No. 1 of the Hamill Coal \& Coke Company, on Thursday, October 26, 1922, and died as a result of his injuries, Friday, October 27, 1922.

He was injured in Room 38 in 10th Left Heading. The rock that fell on him was 10 feet long, 3 feet wide and 13 inches thick. The rock came from the middle of the breast and is called the dynamite rock. It is very dangerous and requires careful watching.

Mr. Keefer was working with William W. Wilson at the time of the accident, and he stated that Mr. Keefer was digging under the rock and he was loading the car, when the rock gave way without warning. Mr. Keefer just recently started to work as a miner and his inexperience probably cost him hïs life. I would recommend that temporary props be set under this rock. If this had been done in the present case, this accident probably would not have happened.

> Time of Accident-12.30 P. M., October 26, 1922.
> Time of Inspection- 9.00 A. M., October $30,1922$.
> Nationality-American.
> Single-Ye.
> Inspector-Frank T. Powers.

## ALLEGANY COUNTY, JANUARY 1 TO DECEMBER 31, 1923

On Thursday, March 15, 1923, Mr. John Smith was instantly killed by a fall of roof rock while working in his own coal mine located near Mt. Savage, Md.

Mr. Smith was pulling down some loose rock on the main heading when a large piece of rock weighing about two tons fell on him, crushing him about the head and shoulders. He as working with his two sons at the time of the accident, digging coal for domestic trade.

> Time of Accident- 9.30 A. M., March 15, 1923.
> Time of Inspection-8.00 A. M., March $19,1923$.
> Married-Yes, survived by wife and four children.
> Nationality-American.
> Age- 54 years.
> Inspector-Frank T. Powers.

On October 13, 1923, Mr. George B. Steele, a miner employed by the Koontz Coal Company at Lonaconing, Md., was killed by a fall of roof rock in McKee No. 2 Mine. Mr. Steele was working in 2nd Left Heading with his brother and two nephews and they were working overtime to finish the stump. There were several cars of coal yet to be taken out when a large piece of rock gave way, catching Mr. Steele's head on the rear end of the car, cutting his windpipe. He had three props under the rock that fell, but did not have the heavy end of the slip caught and it pushed the props out. Apparently, the place was well timbered, and there were lots of timber on hand. This accident appeared to be unavoidable.

Time of Accident-5.00 P. M., October 13, 1923.
Time of Inspection-9.00 A. M., October 14, 1923. Accompanied by Supt. Robert Shaw, Mine Foreman Walter Kallmeyer.
Nationality-American.
Single-Yes.
Inspector-Frank T. Powers.
On December 7, 1923, Mr. Ray Spurling, employed as a miner ${ }^{+}$ by the Piedmont \& George's Creek Coal Company, was almost instantly killed by a fall of roof rock, Mr. Spurling was working in

No. 1 room off 4th Left Heading in the first north, and he was engaged in taking down some loose rock in his place along with Mr. Alvin Miller, his buddy, and Assistant Foreman, George Diehl. They had taken several large slabs and Mr. Spurling was arranging to set a prop under the piece that was left up, thinking it would hold, but it fell before he could get the prop in place, catching him beneath it and injuring him internally, from which he died. The cap pieces were setting parallel with the track; had they been set at right angles to the track it would have afforded more protection, and would in this case have almost caught the edges of the slab that fell. The dimensions of the piece of rock which fell were 9 feet long, 5 feet wide at its widest point, and 5 inches thick in center.

Time of Accident-2.15 P. M., December 7, 1923.
Time Victim Died-6.15 P. M., December 7, 1923.
Nationality-American.
Married--Yes. Age-26 years.
Inspector-Frank T. Powers.
GARRETT COUNTY, JANUARY 1 TO DECEMBER 31, 1923
On January 22, 1823, Mr. J. W. King, a laborer employed by the Davis Coal and Coke Company, in No. 42 Mine, located at Kempton, W. Va. (Md.), was almost instantly killed by a fall of roof rock while working on a long-wall face in 2nd Left Entry off A-1 Dip. Mr. King was cleaning up some draw rock about half up the face, when the roof gave way, catching him just at the edge of the fall, which was about twenty feet long and five feet wide. The timber at the beginning of the fall was eleven feet from the face; a scraper loader is used and it required six feet of clearance. A new row of timbers was being set and Mr. King was working to get up another post when the accident happened.

Time of Accident-1.30 P. M., January 22, 1923.
Time of Inspection-11.00 A. M., January 23, 1923. Accompanied by Supt. Walter Iman and Company Inspector Clyde McDowell.
Nationality-American.
Survived by wife and six minor children.
Age-About 40 years.
Married--Yes.
Inspector-Frank T. Powers.
Mr. J. B. Cosner, a miner working for the Manor Coal Company, Vindex, Md., was fatally injured by a fall of roof rock January 16, 1923, while loading coal in a heading, and died from his injuries in the Allegany Hospital, Cumberland, Md., March 12, 1923.

[^0]
## ALLEGANY COUNTY

non－fatal accidents during the period from may ist to december 31St， 1922

| Married orSingle． | CONSOLIDATION COAL COMPANY－－MINE No． 1 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number Days Lost． | Number in Family． | Nationality． | Residence． |
| $\begin{aligned} & \text { Married } \\ & \text { Single } \end{aligned}$ | $\stackrel{2}{\square}$ | $\ldots$ | $\underset{S}{\text { German }}$ | Frostburg，Md． Occan，Md． |
| CONSOLIDATION COAL COMPANY－MINE No． 7 |  |  |  |  |
| Marricd or Single． | $\underset{\text { Nust. }}{\substack{\text { Number Days } \\ \text { Lost }}}$ | Nunber in Family． | Nationality． | Residence． |
|  | 5 | $\ldots$ | Russian | National，Md． |
| CONSOLIDATION COAL COMPANY－MINE No． 9 |  |  |  |  |
| Marricd or Single． | $\begin{gathered} \text { Number Days } \\ \text { Lost. } \end{gathered}$ | Number in Family． | Nationality． | Residence． |
| Married | 30 | 7 | Italiau | Morantown，Md． |
| CONSOLIDATION COAL COMPANY－MINE No． 10 |  |  |  |  |
| Married or Single． | $\underset{\substack{\text { Number Days } \\ \text { Lost．}}}{\text { ．}}$ | Number in Family． | Nationality． | Residence． |
| Single <br> Married | $\cdots$ | 2 | Slavish American | Eckart，, Md． Eckart， Md． |
| Married | 10 | 2 | American | Eckart，Md． |
| CONSOLIDATION COAL COMPANY－MINE No． 12 |  |  |  |  |
| Married or Single． | $\underset{\text { Lost．}}{\text { Number Days }}$ |  | Nationality． | Residence． |
| Married | 16 | 6 | Ameriean | Eckart，Ma． |
| Married | ${ }^{3}$ | 8 | American | Eckart，Md． |
| Married | 6 | 4 | Huıgarian | Eckart，Md． |
| Married | ．．． | 4 | German | Frostburg，Md． |
| Married | 6 | 8 | American | Frostburg，Md． |
| WEST VIRGINIA PULP AND PAPER COMPANY－DEVON No． |  |  |  |  |
| Married or Single． | $\underset{\text { Lost. }}{\text { Number Days }}$ | Number in Famaily． | Nationality． | Residence． |
| $\xrightarrow{\text { Married }}$ | ${ }^{21}$ | 6 | Italian | Westernport，Md． |
| Married | 19 14 | ${ }_{4}^{3}$ | American | Westernport，Md． |


| $\stackrel{\text { \％}}{4}$ | 等 | $\stackrel{\infty}{\infty}$ | 8 | 9 | 4 | 95\％ | 案 | 为 | \％ | 9저ํ¢ㅛ |
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|  | $\begin{aligned} & \dot{\ddot{y}} \mathbf{y} \\ & \vec{y} \end{aligned}$ |  | 宷 |  | $\begin{aligned} & \text { 恶 } \\ & \stackrel{y}{3} \end{aligned}$ |  |  |  | 家 |  |
|  |  |  |  | $\begin{aligned} & \text { y } \\ & \text { Z } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  |  |  |  |  |  |
| ¢ ${ }_{\text {¢ }}^{\text {¢ }}$ |  | $\stackrel{\sim}{\sim}$ |  | $\exists$ |  | ¢ั ¢ |  | $\infty$ ¢ \％＊ |  | ゴ心セ\％ |
|  | $\stackrel{\Delta ゙ \pi}{\ddot{\Xi}}$ | ¢ ¢ | $\dot{\Delta g}$ | 荡 | $\stackrel{\text { gis }}{\text { gin }}$ |  |  | 安究 | $\stackrel{8}{\ddot{\Delta}}$ |  |

PIEDMONT AND GEORGES CREEK COAL COMPANY－WASHINGTON No． 1



Cause of Accident，Nature and Extent of Injury．
Rock from roof struck him on head，paralyying and severing nerve．
Draw rok struck him om head and shoulders．
Draw slate selk，striking him on left foot．
Draw slate fell，striking him on shoulders and back．
Cause of Accident，Nature and Extent of Injury．
Right foot caught between mining cars． Cause of Accident，Nature and Extent of Injury．




| Married or <br> Single． | Number Days <br> Lost． | Number in <br> Family． | Nationality． | Residence． |
| :--- | :---: | :---: | :--- | :--- |
| Single | 68 | $\ldots$ | Italian | Picedmont，W．Va． |
| Married | 11 | $\ldots$ | American | Luke，Md． |
| Married | 4 | $\ldots$ | American | Piedmont，W．Va． |
| Single | 18 | $\ldots$ | American | Westernnort，Md． |
| Single | 7 | $\ldots$ | American | Piedmont，W．Va． |
| Single | 10 | $\ldots$ | American | Piedmont，W．Va． |
| Single | 14 | $\ldots$ | American | Piedmont，W．Va． |
| Single | 38 | $\ldots$ | American | Westernnort，Md． |
| Single | 23 | $\ldots$ | American | Piedmont，W．Va． |
|  |  |  |  |  |
| PIEDMONT AND GEORGES CREEK COAL COMPANY——WASHINGTON |  |  |  |  |


Name of Person Injured．Occupation．
$\begin{array}{cl}\text { Name of Person Injured．} & \text { Occapation．} \\ \text { Virgil Lenard Messick } & \text { Inside Laborer }\end{array}$ Virgil Lenard Messic
Henry A．Powell Henry A．Powell
Ray L．Webb Lindsay Hiclss
Roy A．Gook Roy Lorey E．Shipe Guy H．Bell
要总
Name of Person Injured．Occupation．
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PIEDMONT AND GEORGES CREEK COAL COMPANY－WASHINGTON No． 2

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Name of Person Injared．Occupation．






| Murried or Single. | Number Days Lost. | $\underset{\substack{\text { Namber in } \\ \text { ramily. }}}{\text {. }}$ | Nationality. | Resi |
| :---: | :---: | :---: | :---: | :---: |
| Married Singled Sindred Marriced | $\cdots$ | $\cdots$ | $\begin{aligned} & \text { American } \begin{array}{l} \text { Ameniran } \\ \text { Amerifican } \end{array} \end{aligned}$ |  |
| $\begin{aligned} & \text { Manried } \\ & \text { Singled } \\ & \text { Single } \end{aligned}$ | $\cdots$ | $\cdots$ | $\begin{aligned} & \text { American } \\ & \text { Amer } \end{aligned}$ | Frostburs, Md. <br> Mt. Savase, Md. |
| $\begin{aligned} & \text { Married } \\ & \text { Maried } \\ & \text { Sintiol } \\ & \text { Smarle } \\ & \text { Married } \end{aligned}$ | $\cdots$ | $\cdots$ | American Amirican American American |  <br> Frostburg. Mc |
| marva coal company |  |  |  |  |
| Married or | $\underset{\substack{\text { Number Days } \\ \text { Lost. }}}{\text { ans }}$ | $\underset{\substack{\text { Number in } \\ \text { Family. }}}{\text {. }}$ | Nationalit | Resid |
| Married | ${ }^{61}$ | 5 | American | Gilmore, Md. |
| Married | ${ }^{5} 4$ | ${ }^{3}$ | Americar | Lonaconiug, Md. |
| Franklin coal company |  |  |  |  |
| Marricd or Single. | $\underset{\substack{\text { Number Days } \\ \text { Lost }}}{ }$ | $\underset{\substack{\text { Number in in } \\ \text { Family. }}}{\text { and }}$ | Nationality | kesid |
| $\begin{aligned} & \text { Marred } \\ & \text { Marred } \\ & \text { Married } \end{aligned}$ | $\begin{gathered} 84 \\ 50 \\ 50 \end{gathered}$ | $\cdots$ | $\begin{gathered} \text { American } \\ \text { American } \\ \text { American } \end{gathered}$ | Westernport, Md western.port, Md |
| The mcnitt coal company |  |  |  |  |
| Married or | ${ }_{\text {Number Days }}^{\text {Lost. }}$ | Number in Fanmily. | Nationality. | Hesidence. |
| gle | ${ }_{10}^{16}$ |  | Americau | Westernoort, Md. |
|  | ${ }^{2} 9$ | $\cdots$ | ${ }_{\substack{\text { Americican } \\ \text { American }}}^{\substack{\text { amen }}}$ | Midethion, Md. |
| hampshire big vein coal company |  |  |  |  |
| $\begin{gathered} \text { Mayried or } \\ \text { Single. } \end{gathered}$ | $\underset{\substack{\text { Number. Days } \\ \text { Lost }}}{ }$ | Number in Family. | Nationality. | Reside |
| Single | 40 | .-. | American | Barton, Md. |
| Married | 10 | $\cdots$ | American | Westernport, Md. |
| Single | ${ }^{45}$ | $\cdots$ | American | Westernport, Md. |
| $\begin{aligned} & \text { Single } \\ & \text { Manced } \\ & \text { Maried } \end{aligned}$ | $\begin{aligned} & 20 \\ & \left.\begin{array}{c} 20 \\ 12 \end{array}\right) \end{aligned}$ | $\cdots$ | $\begin{gathered} \text { American } \\ \text { American } \\ \text { American } \end{gathered}$ | Westernnort, Md Wiesefmount, W . Vd, |
| KOONTZ COAL COMPANY |  |  |  |  |
| Married or Sincle. | Number Days <br> Lost | Number in | Nationality. | Reside |
| $\begin{gathered} \text { Surger en } \\ \text { Married } \\ \text { Marriced } \end{gathered}$ | 38 $\stackrel{38}{150}$ $\cdots$ | $\cdots$ | American American Amern |  |


moscow and georges creek coal company－moscow no． 2 mine


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NON－FATAL ACCIDENTS FOR PERIOD FROM JANUARY 1ST，1923，TO DECEMBER 31ST， 1923.




宮
Name of Person Injured．
David Sviker Joseyh Nettle



 Joseph Ryan
George W．Moore Benj．F．Chafferman Clayton Robinson Thomas Holder
㐍 离








Name of Person Injurech Occupation.


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\text { CONSOLIDATION COAL COMPANY-MINE No. } 9
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| Top coal fell on him, injuring top of foot between toe and aukle. Top coal fell on him, striking his pick, injuring him, Pick struck through right hand by his buddie while picking up cross-bars. Cut thumb with axe while making wedge. <br> Canse of Accident, Nature and Extent of Injury. <br> Finger cut and broken by being struck on hand by shovel in lands of helper while loading mine car. <br> Cause of Accident, Nature and Extent of Injury. <br> Fell, striking side against concrete form, breaking rib on right side. <br> Cause of Accident, Nature and Extent of Injury. <br> Was unloading rails off mine car; let one fall on toot. Bruised toe and instep. Running mine car out of room, got caught between car and prop, badly squee <br> Running mine car out of room, got eaught between car and prop, badiy squeezing him through hips and breaking pivot bone in right hip. <br> Fixing carbide lamp, it exploded, burning right hand rand finger <br> Kunning loaded car out of room, it jumped track and caught foot under car wheel and badly bruising same. <br> Moving rail bender alollg track, caught hand between bender and rock, bruising hand. Pulling rock down, piece caught left foot, bruising same. Pulling rock down, piece caught left foot, bruising same. Holding cable hook on trolley wire; trolley pole sprung down <br> oiling electrically driven pump caught hend in in and two fractured on right hand. <br> third fingers right hand being amputated. <br> Cause of Accident, Nature and Extent of Injury. <br> Helping to dump coal, caught foot under rocker of tipple, mashing two toes. While riding empty mine car to his work, caught two fingers between draw- mine car and hitching link, mashing first and third fingers of left hand. Claimed he was re-railing loaded mine car and sorained back. Sawing prop and saw slipped, cutting thumb. Claimed he wase of re-rone fell and struck car right knee, bruising same. Sawing prop and saw slipped, cuting thumb. <br> Cause of Accident, Nature and Extent of Injury. <br> Litting mine rail, which slipped and fell on foot, Bruised toes. Handling mine rail wheih caught one of his fingers, tearing nail <br> Handling mine rail wheih caught one of his fingers, tearing nail and lacerating his fingers. Caught by fall of rock from roof, which badly bruised him about hips and legs. Helping to move armature and caught fingers between armature shaft and Helping to move armature and caught fingers between armature shaft and pipe, nashing first finger on left hand. Rumning mining machine when drive chain broke, striking him on right hand and badly bruising same. knocked him backward, resulting in head being cut and bruise on beck. Running across top of loaded trip of mine cars outside and ran into guy wire, which |  |
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GARRETT COUNTY
NON－FATAL ACCIDENTS DURING THE PERIOD FROM MAY 1ST TO DECEMBER 31ST， 1922

DAVIS COAL AND COKE COMPANY－KEMPTON No． 42
 MPANY
Residence．
$\substack{\text { Dodson，Md．} \\ \text { Dodson，Md：} \\ \text { Dodson，Md．}}$
hamill coal and coke company
$\underset{\substack{\text { Residence．} \\ \text { Kitamex，} \\ \text { Vinder，} \\ \text { Mid．}}}{\substack{\text { Md．}}}$
C．J．ROWE \＆bros．，inc．
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| Date. | Name of Person Injured. |  | Occupatiou. | Age. | McCullough coal corporation |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Married or Single. |  | $\begin{gathered} \text { Number Duas } \\ \text { Lcst. } \end{gathered}$ | Number in Fanily. | Naticnality. | Residence. |
| Nov. ${ }^{10}$ | Fioyd Fearer |  |  | Miner | ${ }^{3}$ | Married | ${ }^{45}$ | 3 | Anerica | Hoyes, Md. |
|  |  |  |  |  | MYERS COAL COMPANY |  |  |  |  |
| Date. | Name of Person | Injured. | Occupation. | Age. | Mayried or | Number Days Lost. | Number in Fanily. | Nationality. | Residence. |
| Nov. 16 | Jolun Zehner |  | Miner | 48 | Married | 36 | 4 | American | Grantsville, Md. |
|  |  |  |  |  | morgart coal mining company |  |  |  |  |
| Apr. ${ }^{14}$ | Lohman Wilt |  | Miner | 21 | Single | .... | $\cdots$ | American | Jennings, Md. |
| Apr. ${ }^{17}$ | Harry Durst |  | Miner | 29 | Marcied | $\ldots$ | $\cdots$ | Ameriean | Jennings, Md. |
| June | Chas. w. Bittinger |  | Miner | 52 | Married | $\cdots$ | $\cdots$ | American | Jennings, Md. |
| June ${ }^{23}$ | Delbert I. Wilt |  | Laborer | 18 | Single | ... | .-. | American | Jenninss, Md. |
| Sept. ${ }^{11}$ | E. W. Buckie |  | Laborer | 29 | Married | .... | .... | American | Jennings, md. |
|  |  |  |  |  | POTOMAC RIVER COMPANY |  |  |  |  |
| Date. | Name of Person | Injured. | Occupation. | Age. | Married or Single. | Number Days Lost. | Number in Fanily: | Nationality. | Residence. |
| July 8 | Andrew Arnieutroat |  | Miner | ${ }^{23}$ | Single | ${ }^{3}$ | 1 | Americau | Gormanin, w. Va |
|  |  |  |  |  | Potomac valley coal company |  |  |  |  |
| Date. | Name of Person | Injured. | Occupation. | Age. | $\begin{gathered} \text { Married or } \\ \text { Single. } \end{gathered}$ | Number: Days Lost. | Nunber in Family. | Nationality. | Residene. |
| $\begin{array}{ll} \text { Apr } & 13 \\ \text { Spot. } & 13 \\ \text { Sove. } & 13 \\ \text { Dee. } & 29 \end{array}$ |  |  | $\begin{aligned} & \text { Stable Boss } \\ & \substack{\text { Sidmomar } \\ \text { Tind } \\ \text { Miner }} \end{aligned}$ | $\begin{aligned} & 50 \\ & 20 \\ & 18 \\ & 44 \\ & \hline 4 \end{aligned}$ | $\begin{aligned} & \text { Single } \\ & \text { Singe } \\ & \text { Single } \\ & \text { Married } \end{aligned}$ | $\begin{aligned} & 36 \\ & 78 \\ & 70 \\ & 60 \\ & \hline 0 \end{aligned}$ | $\cdots$ | Americicin American Ametican An |  <br>  Vindex, M |
|  |  |  |  |  | WOLF DEN COAL COMPANY |  |  |  |  |
| Date. | Name of Person | Injurced. | Occupation. | ${ }^{\text {age }}$ |  | $\xrightarrow[\substack{\text { Number Days } \\ \text { Lest. }}]{\text {. }}$ | $\underset{\substack{\text { Nunber in } \\ \text { Fanalily }}}{ }$ | Nationality. | Residence. |
| May 19 | Frank Kiuchis |  | Miner | ${ }^{26}$ | Married | ${ }^{20}$ | 3 | Russiar | Shalimar, Md. |
| July ${ }^{20}$ | Walter Brown |  | Miner | 18 | Single | 18 | ... | American | Shallmar, Md. |
| Sept. | Wm. H. Tugner |  | Trackman | ${ }^{47}$ | Married | ${ }^{28}$ | .... | American | Shallmar, Md. |
| Dec. 15 | William Stiue |  | Miner | ${ }^{48}$ | Married | ${ }^{6}$ | 6 | American | Shallmar, Md. |
|  |  |  |  |  | yough coal company |  |  |  |  |
| Date. | Name of Person | ${ }^{\text {Injured. }}$ | Oceupation. | Age. | $\begin{aligned} & \text { Pararied ord or or } \\ & \text { Singingle. } \end{aligned}$ | $\begin{gathered} \text { Number Days } \\ \text { Lost. } \end{gathered}$ | $\begin{aligned} & \text { Number in } \\ & \text { Fanaily. } \end{aligned}$ | Nationality. | Residence. |
|  | $\underbrace{\substack{\text { Spencer Gra Gramam } \\ \text { N. Wilson }}}_{\text {M. }}$ |  | $\xrightarrow{\text { Miner }}$ Miuer | ${ }_{35}^{29}$ | Married Married | ${ }_{42}{ }^{14}$ | ${ }_{6}^{3}$ | ${ }_{\text {Americican }}^{\text {And }}$ |  |

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NON-FATAL ACCIDENTS, GARRETTT COUNTY—CALENDER YEAR 1923






Cause of Accident，Nature and Extent of Injury．
Rock fall．Ankie and foot injured．
Head bruised from brake on mine car．Brake came off．
Rock fall on railroad siding；cut top off little finger．
Lifting rail，left inguvial hernia，several years standing．
Rock fall．Right leg broken．
Little finger crushed between．two mine cars．
Muscles of back sprained by lifting car on track．
Inguvial hernia caused by pushing mine car．
Rolled log on foot．Contusion of foot．
Small finger of left hand crushed．Amputation at second joint．Caught finger in
cooncrete mixer．hand Contusion of big toe．
Mine car ran over foot．Contus．
Rock fall，contusion of toe on left foot．
Struck knee on mine car．Contusion of knee．
Rock fall．Third finger of right hand mashed．
Left leg caught between machine and rock．Contusion and infection．
Hit thumb with axe．Contusion of thumb on left hand．
Caught between two mine cars，contusion of hip．
Bending rail when it broke and man fell back，striking small of back against mine
tie．Contusion．







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| Name of Person |  <br>  <br>  <br>  |  |  |  |  |  |  |  |
| 范 |  <br>  | 品 |  <br> 范 | $\stackrel{\text { gr }}{\underline{1}}$ | $\begin{aligned} & \overline{\mathrm{a}} \\ & \text { 希 } \end{aligned}$ | 告 |  <br>  |  |




| Date. |  | Name of Person | Injured. | Occupation. |
| :---: | :---: | :---: | :---: | :---: |
| Sept. | 20 | Edward McCabe |  | Miner |
| Date. |  | Name of Person | Injured. | Occupation. |
| Aug. | 22 | Roy C. Patton |  | Miner |
| Aug. | 14 | Walter Wisserman |  | Min |
| Date. |  | Name of Person | Injured. | Occupation. |
| Jan | $\ldots$ | Howard Bush |  | Miner |
| Date. |  | Name of Person | Injured. | Occupation. |
| ${ }_{\substack{\text { Jand. }}}^{\text {Jeb. }}$ | $\begin{array}{r}30 \\ 8 \\ \hline\end{array}$ | Frank Arnholt David Bowman |  | Cutting Coal Trackman |
| March | 14 | Earl Shillingburg |  | Brakemau |
| Apr. | 10 | Gomer Williams |  | Motorman |
| June July July July July Aug. Aug. Sent. | $\begin{array}{r} 22 \\ 17 \\ 18 \\ 25 \\ 27 \\ 6 \\ 8 \\ 8 \\ 11 \end{array}$ | Arlie Kitzmiller <br> Chas. MI. Paugh Nick Tosso Sullivan Ray Wm. H. Miller Nick Tosso |  | Laborer Minier Mining Mining Mining Mining Liniorer Laborer Laborer Mining |
| Date. |  | Name of Person | Injured. | Occupation. |
| $\begin{aligned} & \text { Jan. } \\ & \text { Jan. } \\ & \text { Jan. } \\ & \text { Feb. } \end{aligned}$ | $\begin{aligned} & 16 \\ & 24 \\ & 30 \\ & 24 \end{aligned}$ | Stanłey Frieud <br> Geor'ge Mavage <br> Eilis Sliger |  | Motolman <br> Bratreman <br> Brakeman <br> Coal Loader |
| $\begin{aligned} & \text { Mareh } \\ & \text { May } \end{aligned}$ | 30 20 | H. Schroyer <br> I. H. Glotfelty |  | Brakeman <br> Minel |
| $\begin{aligned} & \text { June } \\ & \text { July } \end{aligned}$ | 25 17 | M. A. Grable |  | Brakeman <br> Miner |
| $\begin{aligned} & \text { Aug. } \\ & \text { Dec. } \end{aligned}$ | ${ }_{20}^{29}$ | M. A. Grable |  | Brakeman <br> Mch. Oprtr |
| e |  | Name of Person | Injured. | Occupation. |
| June | 27 | Herbert Buckle |  | Miner |




R．J．ROSS COAL COMPANY

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|  |  | Name of，Person |  |



DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR ALLEGANY COUNTY ( Ontput Statistics | Acci- |
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| dents. |







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Coal Seam Worked.
Pittsburgh or Big Vein

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| $\mathbf{5}$ | Tyson |
| :--- | :--- |
| $\mathbf{2}$ | Tyson |
| $\mathbf{2}$ | Pittsbung |

Name of Mine.

details of persons employed, days worked and tonnage for allegany county

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details of persons employed, days worked and tonnage for allegany county FOR THE PERIOD FROM MAY 1st, 1922 TO DECEMBER 31st, 1922-Continued.

DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR FIRE CLAY MINES FOR THE PERIOD FROM MAY 1st, 1922 TO DECEMBER 31st, 1922.

STATISTICS OF PRODUCTION-1923

ALLEGANY COUNTY-Continued


GARRETT COUNTY

| Name of Company． | Name or Number of Mine． | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Openings. } \end{gathered}$ | Coal Seam Worked． | Distribution of Employees |  |  |  |  |  | Output Statistics |  |  | Acci－ dents． |  | Mining Machines Used． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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| R．J．Ross Coal Mines，Inc． | No． 2 |  | Bakerstown | 50 | 4 | 8 | 4 | 66 | 250 | 24，607．54 | 32，407．24 | 57，014．78 | … | 81 | 1 Arc－wall machine． |
| R．J．Ross Coal Mines，Inc． | No． 1 |  | Upper Kittanning | 10 | 1 | 1 | 10 | 22 |  |  |  |  |  | 4 |  |
| R．J．Ross Conl Mines，Inc． | No．${ }^{3}$ |  | Upper Kittanning | 10 10 | ${ }_{1}^{2}$ | $\cdots$ |  | 12 11 | ．．．．． | 40，790．40 |  | 40，790．40 | ．．．－ | $\stackrel{4}{-}$ |  |
| R．J．Ross Coal Mines，Inc． | No． 5 |  | Upper Kittanning | 6 | 1 | $\cdots$ |  | 7 |  |  |  | 40，79．40 |  |  |  |
| R．J．Ross Coal Mines，Inc． | No． 6 |  | Upper Kittanning | 4 |  | $\cdots$ |  | $\begin{array}{r}5 \\ \hline 19 \\ \hline\end{array}$ |  |  |  |  |  |  |  |
| $\mathrm{Standar}^{\text {Hamill Coal Company }}$ Coal | No．${ }^{\text {Nall }}$ Hain Six Foot | 1 | Clarion | 15 57 | $1{ }_{12}^{2}$ | 1 | ${ }_{15}^{15}$ | 19 <br> 87 | ${ }_{203}^{170}$ | $9,487.52$ $64,215.20$ | $\cdots$ | 9，487．52 $64,215.20$ | $\ldots$ | 12 |  |
| Hamill Coal and Coke Co． | Hamill Four Foot | 1 | Freeport | 23 | ${ }_{4}$ | ${ }_{2}^{4}$ | $\begin{array}{r}15 \\ 7 \\ \hline\end{array}$ | 36 | 203 | 21，356．16 |  | 21，356．16 | $\cdots$ | 3 |  |
| MeCullough Coal Corporation | McCullough No． 1 | 1 | C－Prime | 16 |  | 6 | 3 | ${ }^{26}$ | 144 |  | 29，530．00 | 29，530．00 | $\cdots$ | 10 | 1 Jeffrey Short－wall． |
| Cass Coal Company | Nos． 1 and ${ }^{\text {a }}$ | $\stackrel{2}{2}$ | Upper Freeport | 8 | 3 | 1 $\cdots$ $\cdots$ | 2 1 | 14 | 15 120 | $1,676.00$ $1,360.00$ | $\cdots \cdots \cdots \cdots$ | $1,676.00$ $1,360.00$ | $\cdots$ | $\cdots$ |  |
| Yough Coal Company | Yough | 1 | Clarion | 8 | 2 | $\cdots$ | 1 | 11 | 67 | 3，655．00 | $\cdots$ | 3，655．00 | ．．．． | 1 |  |
| Wolf Den Coal Company | Wolf Den | 8 | Lower Kittanning | 84 | 5 | 11 | 24 | 124 | 109 | 49，919．00 | 58，560．00 | 108，479．00 | … | 18 | 2 Arc－wall； 1 short－wall． |
| Pendergast \＆Ashby | Nos． 1 and 2 | ${ }_{1}^{2}$ | Mid．\＆Low．Kittanning | ${ }_{10}^{12}$ | $\stackrel{2}{2}$ | $\stackrel{7}{2}$ | ${ }_{2}^{2}$ | 16 15 | ${ }^{129} 11 / 6$ | $4,584.00$ $2,391.20$ | $\cdots$ | $4,584.00$ $2,391.20$ | $\cdots$ | 1 |  |
| Billmeyer Coal Co． | Billmeyer | 1 | Bakerstown | 11 | 2 | 2 | 1 | 16 | ${ }_{9}{ }^{1 / 2}$ | 296.20 | ．－．．．．．．．．．．． | 296.20 | ．．．． | $\cdots$ |  |
| Blaine Mining Co． | Potomac Manor No． 1 | 1 | Kittanning | 61 | 9 | 7 | 20 | 97 | 118 | 54，639．00 |  | 54，639．00 | － |  |  |
| Garrett Co．Coal Mining Co． |  |  | Lower Kittanning | 45 80 | 8 | 20 54 | ${ }_{13}^{25}$ | 98 147 | 122 179 | $29,009.24$ $73,987.00$ | ${ }_{\text {2 }}^{25,736.55}$ | $54,745.79$ $140,152.00$ | 1 | 12 | 2 Jeffrey Are－wall； 2 Goodman S．W． Goodman slabbing machines |
| W．D．Althouse \＆Co． | Georgian | 1 | Lower Freeport | 33 | 4 | $\stackrel{3}{3}$ | ${ }_{6} 6$ | 46 | 223 |  | 30，520．16 | 30．520．16 | $\ldots$ | 2 | Morgan－Gardner short－wall． |
| Myers Coal Co． | Beachey | 1 | C Prime | 5 | $\stackrel{2}{1}$ | 1 | 1 | 9 | 247 | 10，811．00 |  | 10，811．00 |  | $\stackrel{2}{1}$ |  |
|  | No．${ }^{\text {Miller }}$ |  |  | $\stackrel{26}{5}$ | ${ }_{-1}^{1}$ | 1 | 1 | $\stackrel{29}{6}$ | 125 | 7，424．46 | $\cdots$ | 7，424．46 | $\cdots$ | 1 |  |
| C．Earl Stanton | Stanton Mine | 1 | －${ }_{\text {Upper }}$ Freeporstown | ${ }_{1}^{5}$ |  | $\cdots$ | $\cdots$ | 1 | ${ }_{90}^{42}$ | ${ }_{270.00}^{457.33}$ | ．．．．．．．．．．．．．．．．．． | 470.00 280 | ．．．． | $\ldots$ |  |
| Potomac Valley Coal Co． | Peerless | 3 | Freeport | 32 | 5 | 5 | 8 | 50 | 171 | 13，466．10 | $\cdots$ | 13，466．10 | … | $\cdots$ |  |
| Potomac Valley Coal Co． M．\＆M． | Louise | 1 | Kittanning | 6 5 5 | 1 | 1 | 2 | 10 5 5 | 180 180 18 | $1,019.98$ 2 2 | $\cdots$ | 1 $1,019.98$ 2 | $\cdots$ | $\cdots$ |  |
| McKanwig Coal Co． | Nethkin | 1 | －${ }^{\text {Freeport }}$（pper Freeport | 16 | 3 | 1 | 2 | 22 | 180 114 1 | 8，560．00 | $\cdots$ | ${ }_{8,560.00}^{2,000}$ | $\cdots$ | 1 |  |
| ${ }_{\text {T．}}$ H．W．Wilson Company | Trout |  | Lower Kittanning | 15 | 2 | ${ }_{2}^{2}$ | 4 | 23 | 107 | 5，619．04 |  | 5，619．04 | $\cdots$ | $\cdots$ |  |
| B．A．A．Price Coal Co． | No．${ }_{\text {Caldwell }}$ 1－2 | ${ }_{2}^{2}$ | ${ }_{\text {Freeport }}$ | 4 14 | $\stackrel{1}{2}$ | 1 | $\stackrel{2}{5}$ | ${ }_{2}^{8}$ | 102 | 6，058．00 | $\cdots \cdots$ | 109.00 6.058 .00 | $\cdots$ | $\ldots$ |  |
| Manor Coal Co． | Manor No． 1 | 1 | Lower Kittanning | 60 | $\stackrel{2}{9}$ | 7 | 10 | 86 | ${ }_{65}$ | 24，403．00 | 1，200．00 | 25，603．00 | 1 | 3 | 1 Jeffrey Arc－wall． |
| Manor Coal ${ }_{\text {Bloomington }}^{\text {Coal }}$ Co． | Manor No． 2 | 1 | Clarion＂A＂Prime | 50 | 5 | ${ }_{6}^{6}$ | ${ }_{6}^{6}$ | 67 | 150 | 34，913．00 | 5，648．00 | 40，561．00 | $\cdots$ | 4 | 1 Jeffrey short－wall． |
| Bloomington Coal Co． | No．${ }_{\text {Lost }}{ }^{4} \mathrm{Hope}$ | 1 | Kittanning | ${ }_{2}^{8}$ | 1 | 2 | 3 $\cdots$ $\cdots$ | 14 | ${ }_{156}^{120}$ | 7，280．00 | $\cdots$ | $7,280.00$ | $\cdots$ | 7 |  |
| G．C．Pattison | Pattison | 2 | Bakerstown | 20 | 2 | 1 | 3 | 26 | 40 | 3，507．00 | ．．．．．．．．．．．．．．．． | 3，507．00 | $\cdots$ | 1 |  |
| Melvin Weimer | No．${ }^{\text {2 }}$ | ${ }_{1}^{2}$ | Bakerstown | 3 |  | 3 | 4 | 12 | 184 | 1，902．00 | $\cdots$ | 1，902．00 | $\cdots$ |  |  |
| Maryland Smokeless Fuel Co． | Hoover Yommer | 1 | Bakerstown Bakerstown | ${ }_{6}^{6}$ | 1 | 1 | ${ }_{1}^{2}$ | 10 9 | 48 30 | 365.60 409.00 | $\ldots$ | 365.60 409.00 | $\cdots$ | $\cdots$ |  |
| Tri－State Consolidated Coal Co． A．G．Shrout | $\underset{\text { Tri－State }}{\text { No．}} 1$ | 1 | ${ }^{\text {Freeport }}$ | 12 | 1 | 2 | 1 | 16 | － 75 | 1，395．73 | $\cdots$ | 1，395．73 | $\cdots$ | $\cdots$ |  |
| Geo．E．Sloan | Shrout | ${ }_{1}$ | Lower Kittanning | $\stackrel{1}{2}$ |  | $\cdots$ | $\cdots$ | 1 | 135 | 536.00 398.12 | $\cdots$ | 536.00 398.12 | $\cdots$ | $\cdots$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 856 | 106 | 158 | $191^{\circ}$ | 1311 | 41514／2 | 513，304．82 | 249，766．95 | 763，071．77 | 2 | 130 |  |


| Name of Company | Mine | General Manager |
| :---: | :---: | :---: |
| Consolidation Coal Company | No. 1 | G. M. Gillette |
| Consolidation Coal Company | No. 3 | G. M. Gillette |
| Consolidation Coal Company | No. 4 | G. M. Gillette |
| Consolidation Coal Company | No. 7 | G. M. Gillette |
| Consolidation Coal Company | No. 9 | G. M. Gillette |
| Consolidation Coal Company | No. 10 | G. M. Gillette |
| Consolidation Coal Company | No. 11 | G. M. Gillette |
| Consolidation Coal Company | No. 12 | G. M. Gillette |
| Consolidation Coal Company | No. 13 | G. M. Gillette |
| Consolidation Coal Company | No. 15 | G. M. Gillette |
| Consolidation , Coal Company | No. 16 | G. M. Gillett $\epsilon$ |
| Annan \& Jeffries | Union No. 1 | R. Annan |
| Annan \& Jeffries | Union No. 2 | R. Annan |
| Adams Coal Company | Midlothian |  |
| Mt. Savage George's Creek Coal Co. | Mt. Savage No. |  |
| The Koontz Coal Co. . | McKee No. 1 |  |
| The Koontz Coal Co. | McKee No. 2 |  |
| The MeNitt Coal Co. | McNitt No. 2 |  |
| Brydon Bros. Coal Corporation | Coromandel |  |
| Brydon Bros. Coal Corporation | Pekin |  |
| Brydon Bros. Coal Corporation | Caledonia |  |
| Brydon Bros. Coal Corporation | Moscow |  |
| C. J. Rowe \& Bros. | Parker |  |
| Mount Savage Fuel Co. | Newtown |  |
| George's Creek Coal Co., Inc. | No. 2 |  |
| George's Creek Coal Co., Inc. | No. 4 |  |
| Brailer Mining Company | Big Vein 1-2 |  |
| Allegany Coal Company | Tacoma-2 |  |
| Allegany Coal Company | Tacoma-4 |  |
| Chapman Coal Mining Company | Swanton-1 |  |
| Chapman Coal Mining Company | Swanton-2 |  |
| Chapman Coal Mining Company | Swanton-3 |  |
| Egan Mine | Eagan |  |
| Old Colony Coal Company | Moscow |  |
| Hoffa Bros. Coal Company | Potomac Mine |  |
| Hoffa Bros, Coal Company | Phoenix Mine |  |
| C. O. Workman | Workman |  |
| West Virginia Pulp \& Paper Co. | Devon Mine |  |
| United Big Vein Coal Co. | No. 1 and 2 |  |
| Vincent Engle \& Sons | Engle |  |
| Robert Griffith | Borden Mine |  |
| Stanton George's Creek Coal Co. | Stanton No. 1 |  |
| Hampshire Big Vein Coal Co. | No. 1 |  |
| Hampshire Big Vein Coal Co. | No. 2 |  |
| Hampshire Big Vein Coal Co. | No. 3 |  |
| George's Creek Clean Coal Co. | Speir Mine |  |
| Maryland Coal Company | Big Vein |  |
| Maryland Coal Company | Tyson |  |
| Maryland Coal Company | Bakerstown |  |
| Midland--George's Creek Coal Co. | Midland |  |
| Arch Michaels Coal Co. | Michaels |  |
| Michaels Coal Company | Michaels No. 1 |  |
| Frostburg Big Vein Coal Co. | No. 1 |  |
| Porter \& Kreitzburg |  |  |
| M. W. Race | Washington Hollow |  |
| Marva Coal Company | Marva Mine |  |
| Metz Bros | Metz Mine |  |
| Franklin Coal Company | Nos. 1, 2 and 3 |  |
| Douglas Waddell | D. Waddell |  |
| Big Vein Coal Co. of Lonaconing | Castle Run |  |
| H. G .Evans | Borden Mine |  |
| McGowan Bros. | McGowan |  |
| D. A. Benson | No. 1 |  |
| Shaw Coal Company | No. 1 |  |
| Schramm \& Davis | S. \& D. |  |
| Cumberland Big Vein Coal Co. | Conway No. 1 |  |
| Supply Coal Company |  |  |
| Midloathian Coal Co. | Midlothian 4 |  |
| Donald Coal Mines, Ine. Piedmont \& George's Creek Coal Co. | Washington No. 1 |  |

AND FOREMEN OF ALLEGANY COUNTY, 1922-1923

| Superintendent | Mine Foreman |
| :---: | :---: |
| Harry Martin | Peter Hoye |
| Harry Martin | R. L. Edwards |
| Harry Martin | Hugo Rempel |
| Harry Martin | Richard Hawkins |
| Harry Martin | Frank Carter |
| Harry Martin | Frank Williams |
| Harry Martin | Frank Williams |
| Harry Martin | A. C. Neal |
| Harry Martin | Charles Shields |
| Harry Martin | George Richardson |
| Harry Martin | George Richardson |
| W. H. R. Thomas |  |
| W. H. R. Thomas Alex. Adams | Robert Duncan |
| Frank Diehl | John Bahen |
| Robert T. Shaw | Henry McKee |
| Robert T. Shaw | Walter Kallmyer |
| James Jenkins | John Fatkin |
| S. B. Brydon | Abram Dunn-Clark Hoover |
| S. B. Brydon | Wm. Abbott |
| S. B. Brydon | James E. Darrow |
| S. B. Brydon | John Bean |
| C. J. Rowe | J. J. Henaghan |
| Lawrence R. Barth | Harry Retzer |
| J. R. Hamiltor | Nathaniel Somerville |
| J. R. Hamilton George C. Brailer | Nathaniel Somerville Joseph Jenkins |
| R. C. Roberts | John Rankin |
| R. C. Roberts | John Rankin |
| John D. Frenzel | Randolph Ashby |
| John D. Frenzel <br> John D. Frenzel | John D. Frenzel |
| Ciarles J. Egan | Charles J. Eagan |
| Jozehp Small | Joseph Small |
| William Hycle | Chester Hyde |
| William Hyde | Chester Hyde |
| C. O. Workman | C. O. Workman |
| Wm. E. Brown | J. P. Brown |
| H. W. Rowe | H. W. Rowe |
| William Engle | William Engle |
| Robert Griffith M. L. Stanton | Robert Griffith M. L. Stanton |
| Thos. D. Campbell | Wm. Rogan and George Crow |
| Thos. D. Campbeil | Wm. Rogan and George Crow |
| Thos. D. Campbelt | Wm. Rogan and George Crow John T Hardgan |
| Tikins Reed | R. R. Merrbaugh |
| Elkins Reed | Felix Foote |
| Elkins Reed | Bailey Burns |
| Clarence Fletcher | C'arence Fletcher |
| Arch Michaels | Arch Michaels |
| Eqra Michaels W. R. H. Thomas | Ezra Michaels |
| W. R. H. Thomas Marshall Porter |  |
| M. W. Race |  |
| J. G. Martin |  |
| Thos. D. Campbell | Walter Metz <br> Harry S. Wilson |
| Douglass Waddell |  |
| John L. Casey | John L. Casey |
| John E. McGowan | Frank MeGowan |
| D. A. Benson | Eugene Stevens |
| L. B. Shaw | Thomas Smith |
| Joseph Davis | Joseph Davs |
| Jno. W. Krietzburg <br> Jos. Robertson | Jos. Robertson |
| William Walters |  |
| John M. Kight | John M. Kight ${ }^{\text {J }}$ M Hellyer |
| Jacob Cosgrove | Wm. Brophy and L. M. Hellyer |

# NAMES OF GENERAL MANAGERS, SUPERINTENDENTS 

| Name of Company | Mine | General Manager |
| :---: | :---: | :---: |
| Piedmont \& George's Creek Coal Co. | Washington No. 5 |  |
| Piedmont \& George's Creek Coal Co. | Bowery Furnace No. 1 |  |
| Piedmont \& George's Creek Coal Co. | Bowery Furnace No. 2 |  |
| Thomas J. Kelley, 1923 | Kelley Mine (J. Daddysman, 1922) |  |
| North Maryland Coal Mining Co. | Montell |  |
| Burtner Coal Mining Co. | Burtner No. 6 |  |
| Allegany Big Vein Coal Co. | No. 1 |  |
| Sulivan Bros. Coal Company | Sullivan No. 1 |  |
| Sullivan Bros. Coal Company | Sullivan No. 2 |  |
| Harvey Mining Company | Power House |  |
| Frostburg Mining Company | Spates No. 1 |  |
| Mount Savage Mining Company | Liberty |  |
| Por'ter-Hoffa Coal Company | Porter-Hoffa |  |
| Howard \& Maybury Coal Co., 1923; Kerns Coal Co., 1922 | Nos, 1 and 2 |  |
| Arcadia Coal Company | Arcadia |  |
| Moseow-George's Creek Mining Co. | Moscow-2 |  |
| Moscow George's Creek Mining Co. | Moscow-3 |  |
| George's Creek Coal Mining Co. | Sonny No. 1 | " |
| Midland Mining Company | Neff Run |  |
| Union Mining Co. | Mountain |  |
| Union Mining Co. | Brickyard |  |
| Union Mining Co. | No. 3 Union |  |
| Smith \& Son, Barton |  |  |
| Campbell's | Fuel Mine |  |
| Little Pittsburgh Coal Co. | No. 1 |  |
| Langham \& Boal | Langham |  |
| Green's Coal Company | Big Vein No. 1 |  |
| Westernport Coal Company | Westernport No. 1 |  |
| John Smith \& Sons, Mt. Savage, Md. |  |  |
| Darby Brady | Brady Mine |  |
| Earl Fazenbaker | Fern Rock |  |

## NAME OF GENERAL MANAGER, SUPERINTENDENT

| Name of Company |  | Mine |
| :--- | :--- | :--- |
| Union Mining Comapny | General Manager |  |
| Savage Mountain Fire Brick Co. | No. 6 |  |
| Andrew Ramsey Company | No. 6 |  |
| Big Savage Fire Brick Co. | Ellerslie |  |

## AND FOREMEN OF ALLEGANY COUNTY, 1922-1923-Cont'd

| Superintendent | Mine Foreman |
| :---: | :---: |
| Jacob Cosgrove | John D. Wallace |
| Harry C. Hitchins | George Diehl |
| Thomas J. Kelley | James Michaels |
| Thos. Richardson | Raymond Henry |
| Ulysses Hanna, Sr. | James A. Hanna |
| John A. Sullivan |  |
| Robert S. Harvey | Bernard D, Byrnes |
| Frank H. Spates |  |
| Benjamin H. Biays | H. B. Robinette |
|  | O. 'T. Porter |
| James MeDonald |  |
| J. W. P. Somerville | Edward Shaw |
| J. W. P. Somerville | Ed. R. Brennan |
| J. W. P. Somerville | ${ }_{\text {John S }}{ }^{\text {Frank }}$ Askey |
| S. J. Aldon | Joseph Finzel |
| S. J. Aldon | Joseph Finzel |
| S. J. S. Aldon | Joseph Finzel |
| Michael J. Campbell | M. J. Campbel1 |
| Anderson Green | Orland Herbert Lreen Langham |
| A. F. Green <br> M. J. Daily | M. J. Dally |

AND FOREMAN OF CLAY MINES, 1922-1923

| Superintendent | Mine Foreman |
| :--- | :--- |
| S. J. Aldon <br> G. A. Shuckhart <br> Hugh Stevenson | Joseph Finzel <br> Charles Wolfe <br> Henry Lowery <br> Clarence Raley |

NAME OF SUPERINTENDENT AND MINE FOREMAN, GARRETT COUNTY, 1922-1923

NAMES OF OFFICERS, ALLEGANY COUNTY

| Name of Company | Principal Office | President's Name and Address | Secretary's Name and Address |
| :---: | :---: | :---: | :---: |
| Consolidation Coal Company | 67 Wall St., Munson BIdg., New York City. | C. W. Watson, 67 Wall St., Munson Bldg. New York City. | T. K. Stuart, 67 Wall St., Munson Bldg., New York City. |
| Sullivan Bros. Coal Co. | Frostburg, Md, | Dennis P. Sullivan, Eckhart Mines, Md. | W. J. Sullivan, La Vale, M |
| West Virginia Pulp \& Paper Co. C. O. Workman | 200 Fifth Ave., New York. Frost burg, Md. | Davis L. Luke, 200 Fifth Ave., New York. C. O. Workman, Frostburg, Md. | Chas. Cass, 200 Fifth Ave., New York. |
| W. Wilkinson \& | Westernport, Md. | W. Wilkinson \& Sons, Westernport, Md. |  |
| Westernnort Coal Co. | Westernport, Md. | Wm. G. Paul, Westernport, Md. | Horace P. Whitworth, Westernport, Md. |
| United Big Vein Coal Co. | Myersdale, Pa. | C. F. Rowe, Myersdale, Pa, | L. H. Rowe, Myersdale, I |
| J. G. Storey \& J. P. Stapelton | Vale Summit, Md. | Joseph S. Storey, Vale Summit, Md. |  |
| Supply Coal Co. ${ }_{\text {Donald }}$ Coal Mines, Inc. | Barton, Md. ${ }^{\text {Piedmont, }}$ | P. H. Gallagher, Barton, Md. | P. H. Gallagher, Barton, Md. |
| Donald Coal Mines, Inc. Green's Coal Go. | Piedinont, W, Va. Lonaconing, Md. | R. J. Ross Westernport, Md. | Thos. D. Campbell, Piedmont, W. Va, |
| Little Pittsburgh Coa | ${ }_{5}$ Main St., Lonaconing, Md. | A. F. Green, Lonaconing, Md. |  |
| C. J. Rowe \& Bros., Inc. | Myersdale, Pa | C. J. Rowe, Frostburg; Md. | Fred E. Rowe, Myersd |
| Pekin Coal Co. | Piedimont, W. V | S. B, Brydon, Piedmont, W. Va. | Howard B. Brydon, Piedmont, W. Va. |
| Porter ${ }_{\text {c }}$ K Kreitzburg | Eckhart Mines, Md. | Marshall Porter, Eckhart, Md. |  |
| Marva Coal Co. | 125 East Fayette St., Baltimore, Md. | Henry G. Von Heine, 125 E. Fayette St., Baltimore, Md. | Narman E. Fryer, 125 East Fayette St, Baltimore, Md. |
| McNitt Coal Co. | Frostburg, M | James H. Fuller, Frostburg, Md. | Jonathan Jenkins, Baltimore, Md. |
| W. D. Kern, 1922--Maybury \& Howard, 1923 | iedmont, W | W. D. Kern, Piedmont, W. Va.; Robert H. Maybury | E. C. Howard, Westernport, Md. |
| Schramm \& Davis | Earton, Md. | Joseph Davis, Barton, Md. |  |
| Smith \& Sons | Mt. Savage Md. | John Smith, Mt. Savage, Md. |  |
| Piedmont \& George's Creek Coal Co. | Frostburg, Md. | John S. Brophy, Frostburg. Md. | John Keating, Cumberland, Md. |
| Old Colony Coal Co. | Cumberland, Md. | John D. Roberts, Cumberland, Md. | Arthur P. Gibson, Cumberland, Md. |
| North Maryland Coal Mining Co. | Pittsburgh, Pa. | Park J. Alexander, Pittsburgh, Pa . | J. Farley Walton, Pittsburgh, Pa. |
| Michaels Coal Co. ${ }^{\text {Mt. Savage Gcorge's Creek }}$ Co. | Westernport, Md. Frostburg, Md. | Ezra Michaels, Westernport, Md. <br> Harry Finn, 128 Moth St New York | Howard Michael, Westernport, Md. |
| Mt. Savage Gcorge's Creek Co. Midlothion Coal Co. | Crostburg, Md . | Harry Finn, 128 Moth St., New York. Carl C. Hetzel. Cumberland, Md. | H. B. Avery, Mt. Savage, Md. <br> R. H. Stallings, Cumberland, Md. |
| Metz Bros. Coal Co. | Barton, Md. | Walter Metz, Barton, Md. |  |
| Maryland Coal Co. | 25 Beaver St., New York City, N.Y. | J. W. Galloway, New York City, N, Y. | H. S. Rodgers, 25 Beaver St., New York City, New York. |
| Arch Michaels Coal Co. Min ${ }^{\text {cose }}$ | Barton, Md. | Areh Michaels, Barton, Md. |  |
| Moscow--George's Creek Mining Co. Mt. Savage Fuel Co. | Mt. Savage, Md. | L. W. P. Somerville. Savage, Md | ${ }_{\text {Clinton }}^{\text {A }}$ Shl, Jomville. Mt, Savage, Md. |
| Langham \& Boal | Barton, Md. | D. S. Boal, Barton. Md. | , Jr., Mt. Savage, Md. |
| Koontz Coal Co. | Frostburg, Md. | William Jenkins, Frostburg, Md. | James Jenkins, Frostburg, Md. |
| Hampshire Big Vein Coal Co. | Cumberland, Md. | Thomas D. Campbel, Piedmont, W. Va. | Carl C. Hetzel, Cumberland, Md. |
| George's Creek Clean Coal Co. | Lonaconing, Md, | John B. Wiliams, Frostburg, Md. | C. B. Hardegan, Lonaconing, Md. |
| Robert Grifith | Frostburg, Md, | Robert Grifith, Frostburg, Md. |  |
| J. O. J. Greene Coal Co. | Westernport, Md. | Mrs. Annie Greene, Westernport, Md. | J. O. J. Greene, Westernport, Md |
| Frostburg Mining Co. Franklin Coal Co. | Frostburg, Md. <br> P'iedmont, W. Va | Frank H. Spates, Frostburg, Md. | Frank M. Spates, Frostburg, Md. |

NAMES OF OFFICERS, ALLEGANY COUNTY

| Name of Company | Prineipal Office | President's Name and Address | Secretary's Name and Address |
| :---: | :---: | :---: | :---: |
| Fazenbaker Coal Co. <br> Vincent Engle \& Sons <br> H. G. Fvans <br> Cumberland Big Vein Coal Co. <br> Clair Coal Co. <br> Chapman Coal Co. <br> Brailer Mining Co. <br> Darby Brady <br> Frostburg Big Vein Coal Co. <br> Annan \& Jeffries <br> Allegany Coal Co. <br> Caledonia Coal Co. Co. <br> Adams Coal Co. <br> J. Daddysman <br> Thomas J. Kelley <br> McGowan \& Bros. <br> McGowa Big vein Coal Co. | Westernport, Md. <br> Eckhart, Md. <br> Frostburg, Md Midland, Md. <br> 74 Liberty Trust Co., Cumberland, Md. <br> Philadelphia, Pa. <br> Baltimore, Md. <br> Mt. Savage, Md. <br> Frostburg, Md. <br> Frostbarg, Md. <br> Frostburg, Md. <br> 123 S . Centre St., Cumberland, Md. <br> Piedmont, W. Va. <br> Cumberland, Md. <br> Westernport, Md. <br> Westernport, Md. <br> Frostburg, Md. <br> Midland, Md. | Earl Fazenbaker, Westernport, Md. <br> H. G. Evans, Frostburg, Md. <br> Vincent Engle, Eckart M. Evans, Frostrurg, Md. <br> L. Lee Lichtenstein, Cumberland, Md. <br> C. P. Burtner, Philadelphia, Pa. <br> W. J. Chapman, Shard \& Lombard Sts., <br> George C. Brailer, Mt. Savage, Md. <br> Georby Brady, Frostburg, Md. <br> R. Annan, Frostburg, Md. <br> E. J. Roberts, Westernport, Md. <br> B. H. Biays, Cumberland, Md. <br> E. R. Brydon, Piedmont, W. Va. <br> J. Daddysman, Westernport, Md. <br> Thomas Kelley, Westernoprt, Md. W. R. Gunther, Cumberland, Md. <br> John Hughes, Midland, Md. | Blaine White, Cumberland, Md. <br> If. L. Burtner, Philadelphia, Pa. <br> J. L. Chapman, Sharp \& Lombard Sts., David Brailer M <br> C. J. Jeffries, Frostburg, Md. <br> Cldred Roberts, Westernport, Md. <br> J. W. Young, Cumberalnd, Md. <br> H. P. Brydon, Piedmont, W. Va. <br> Frank McGowan, Midland, Md. <br> Ulysses Hanna, Frostburg, Md. |

NAMES OF OFFICERS, GARRETT COUNTY

| Name of Company | Principal Office | President's Name and Address | Secretary's Name and Address |
| :---: | :---: | :---: | :---: |
| Potomac Valley Coal Co. | Kitzmiller, Pa. | R. M. Hite, Fairmont, W. Va. | Willard J. Rafetto, 902 Finance Bldg., Philadelphia, Pa. |
| McKanwig Coal Co. G. C. Pattison | Philipsburg, Pa. Bloomington, Md. | L. H. Wigton, Philipsburgh, Centre Co., Pa. G. C. Pattison, Bloomington, Md. |  |
| Potomac River Coal Co. | 209 West 76th St., New York City. | John A. Schappert, 524 East 29th St., New York City. | Eugene F. Geary, 209 West 76th .St., New York City. |
| R. W. Miller | Jennings, Md. | R. W. Miller, Jennings, Md, |  |
| Pendergast \& Ashby | Gutton, Md. Va. | W. A. Price, Gormania, W. Va. |  |
| E. Earl Stanton <br> U. M. Stanton | Grantsville, Md. | U. M. Stanton, Grantsville, Md. |  |
| Tri-State Consolidated Coal Co. | Cumberland, Md. | R. J. Dors, Westernport, Md. | W. E. Ambrose, Cumberlan |
| Wolf Den Coal Co. | 25 Beaver St., New York. | W. S. Marshall, 25 Beaver St., New York. | J. D. Kline. 25 Beaver St., New York. |
| Yough Coal Co. | Crellin, Md. | M. W. Pendergast, Huttons, Md. | Dorsey T. Ashby, Crellin, Md. |
| R. J. Ross Coal Mines, Inc. W. A. Morgart Coal Mining Corp. | Westernport, Ma Jennings, Md. | R. J. Ross, Westernport, Md. W. A. Morgart, Jennings, Md. | W. E. Ambrose, Cumberland, M <br> L. A. Morgart, Jennings, Md. |
| Manor Coal Co. | Johnstown, Pa. | A. B. Crichton, Johnstown, Pa. | J. N. Crichton, Johnstown, Pa. |
| M. \& M. Coal Co. | Grantsville, Md. | Hugh Carey McMahon, Frostburg, Md. |  |
| McCullough Coal Co. | Friendsville, Md. | J. W. McCullough, Friendsville, Md. | F. C. McCullough, Friendsville, Md. |
| Bloomington Coal Co. | Bloomington, Md. | S. V. Brydon, Bloomington, Md. | L. V. Brydon, Grafton, Grafton, W. Va. |
| Billmeyer Coal Co. | Jennings, Md. | Ray Billmeyer, Jennings, Md. |  |
| Aberdeen Coal Co. <br> Hamill Coal \& Coke Co. <br> (T. H. Wilson, Operator) | Elkins, W. Va. | W. E. Leonard, Greensburg, Pa. T. H. Wilson | George S. Rees, Washington, D. C. |
| Hainill Coal \& Coke Co. | Blaine, W. Va. | R. A. Smith | J. A. Shore. |
| Garrett County Coal \& Mining Co. | Bethlehem, Pa . ${ }_{\text {W }}$ | E. L. Bullock, Hazelton, Pa. | C. C. Bye, Bethlehem, Pa. |
| Cass Coal Co. Blaine Mining Co. | Morgantown, 1 Broadway, | J. M. Wood, Morgantown, W. Va. | W. R. Chapman, Morgantown, W. Va. |
| Davis Coal \& Coke Co. | Baltimore, Md. | A. W. Calloway, 908 Land Title Bldg., Philadelphia, Pa. | H. G. George, 708 Continental Bldg., Baltimore, Md. |
| Standard Coal Co. W. D. Althouse \& Co. George Hoover Co. | Kitzmiller, Md. Philadelphia, Pa. Jennings, Md. | Charles E. Scothern, Kitzmliler, Md. <br> W. D. Althouse, 424 Perry Bldg., Philadelphia, Pa. <br> George Hoover, Jennings, Md. | H. L. Pool, Kitzmiller, Md. delphia, Pa. <br> George Hoover, Jennings, Md. |

## NAMES OF OFFICERS, FIRE CLAY MINES

| Name of Company | Principal Office | President's Name and Address | Secretary's Name and Address |
| :---: | :---: | :---: | :---: |
| Andrew Ramsay Co. | Mt. Savage, Md. | Henry Shriver, Cumberland, Md. | Wm. Hopkins, Mt. Savage, Md. |
| Big Savage Fire Brick Co. | Allegany, Md. | D. Armstrong, Frostburg, Md. | E. J. Clark, Frostburg, Md. |
| Mt. Savage Fire Brick Co. Union Mining Co. | 35 Bowery St, Frostburg, Md. Baltimore, Md. | J. A. Caldwelf, Frosthurg, Md. | W. F. Caldwell, Frostburg, Md. |

# ALLEGANY COUNTY TONNAGE FOR THE PERIOD MAY 1 TO DECEMBER 31, 1923, AND JANUARY 1 TO DECEMBER 31, 1923 

| Name of Company | $\begin{gathered} \text { May } 1 \text { to } \\ \text { Dec. } 31 \text {, } \\ 1922 \end{gathered}$ | $\begin{gathered} \hline \text { Calendar } \\ \text { Year } \\ 1923 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: |
| The Consolidation Coal Company | 50,823 | 550,112 |
| George's Creek Coal Mining Company | 18,267 | 28,748.70 |
| Piedmont \& George's Creek Coal Company... | 59,761 | 73,582.19 |
| Brydon Bros. Coal Corporation................................ | 2,273 | 43,059.52 |
| Moscow-George's Creek Coal Company. | 7,116 | 18,275.04 |
| Hoffa Bros. Coal Company. |  | 25,700.40 |
| Robert Harvey \& Sons Coal Company |  | 2,782 |
| Porter Hoffa Coal Company.. | 1,592 | 3,598.17 |
| Old Colony Coal Company. | 1,180 | 4,166 |
| George's Creek Clean Coal Company | 6,187 | 6,094 |
| Westernport Coal Company | 8,700 | 335.33 |
| Allegany Coal Company | 17,673 | 15,122.14 |
| Clair Coal Company (Burtner Coal Co., Inc.) | 17,610 | 36,728.16 |
| Hampshire Big Vein Coal Company. | 11,000 | 29,215 |
| Boal \& Langham. | 4,820 | 443.52 |
| West Virginia Pulp \& Paper Company | 63,086 | 61,607 |
| George's Creek Coal Company, Inc. | 4,265 | 75,979 |
| McNitt Coal Company. | 2,631 | 36,022.56 |
| Mt. Savage Fuel Company | 8,308 | 20,483.68 |
| Brailer Mining Company. | 12,923 | 17,339 |
| Eagan Mining Company. | 1,200 | 1,200 |
| North Maryland Coal Mining Company |  | 10,000 |
| Workman Coal Company (C. O. Workman)........ | 2,741 | 6,360 |
| Allegany Big Vein Coal Company. | 7,453 | 4,443 |
| H. G. Evans Coal Company... | 2,248 | 3,933 |
| Maryland Coal Company... | 2,765 | 29,476.32 |
| United Big Vein Coal Company |  | 12,048 |
| Sullivan Bros. Coal Company.. | 605 | 14,009 |
| C. J. Rowe \& Bros., Inc. | 2,614 | 28,446 |
| Vincent Engle \& Sons Coal Company | 1,800 | 1,933 |
| Robert Grifith Coal Company.... | 1,362 | 777 |
| Midlothian Coal Company | 609 | 3,560 |
| Stanton \& George's Creek Coal Company. | 707 | 989.08 |
| Stcrey \& Stapleton Coal Company. | 1,000 |  |
| Annan \& Jeffries Coal Company. | 1,101 | 8,373.32 |
| Koontz Coal Company. | 9,887 | 40,185.60 |
| Mt. Savage \& George's Creek Coal Company.. | -............... | 98,121 |
| Campbell Bros. |  | 1,000 |
| McGowan Bros. | 1,500 | 2,291 |
| Marva Coal Company | 3,384 | 9,410.16 |
| Arch Michaels Coal Company | 5,000 | 500 |
| Ezra Michaels Coal Company. | 956 | 2,364 |
| Supply Coal Company ....... | 935 | 400 |
| John Smith \& Sons-Mt. Savage | 500 |  |
| Thomas J. Kelley (J. Daddysman) | 1,137 | 50 |
| Donald Coal Mines, Inc. | 1,434 | 27,914.35 |
| Shaw Mining Company |  | 500.80 |
| Frostburg Mining Company | 1,700 | 4,649 |

# ALLEGANY COUNTY TONNAGE FOR THE PERIOD MAY 1 TO DECEMBER 31, 1923, AND JANUARY 1 TO DECEMBER 31, 1923-Continued 

| Name of Company | $\begin{gathered} \text { May } 1 \text { to } \\ \text { Dec. } 31, \\ 1922 \end{gathered}$ | Calendar Year 1923 |
| :---: | :---: | :---: |
| Midland George's Creek Coal Company |  | 442 |
| Union Mining Company... | 3,361 | 8,993 |
| Cumberland Big Vein Coal Company.. | 234 | 2,535 |
| Porter \& Kreitzburg. | 4,169 | 2,400 |
| Franklin Coal Company. | 3,665 | 47,820 |
| J. O. J. Greene Coal Company... | 849 |  |
| Maybury \& Howard Coal Company (W. D. Kern) | 2,600 | 910 |
| Darby Brady | 1,928 |  |
| Earl Fazenbaker | 2,469 | 2,997 |
| Smith \& Sons-Barton |  | 1,400 |
| D. A. Benson. |  | 3,659.41 |
| Schramm \& Davis | 3,007 | 6,200.04 |
| M. W. Race... |  | 296 |
| Little Pittsburgh Coal Company | 576 | 400 |
| Douglas Waddell Mine... | 942 | 1,834 |
| Big Vein Coal Company of Lonaconing |  | 9,436.40 |
| Mt. Savage Mining Company. | 18,932 | 42,015 |
| Chapman Coal Company.. | 2,633 | 25,340 |
| Adams Coal Company | 7,975 | 15,634.08 |
| Wilkinson \& Sons...... | 1,289 |  |
| Metz Bros. Coal Company | 3,730 | 2,800.00 |
|  | 409,212 | 1,536,358.97 |

## FIRE CLAY MINES TONNAGE FOR THE PERIOD MAY 1 TO DECEMBER 31, 1922, AND JANUARY 1 TO DECEMBER 31, 1923



GARRETT COUNTY TONNAGE FOR THE PERIOD MAY 1, 1922, TO DECEMBER 31, 1922, AND JANUARY 1 TO DECEMBER 31, 1923

| Name of Company | $\begin{gathered} \text { May } 1 \text { to } \\ \text { Dec. 31, } \\ 1922 \end{gathered}$ | $\begin{gathered} \text { Jan, } 1 \text { to } \\ \text { Dec. 31, } \\ 1923 \end{gathered}$ |
| :---: | :---: | :---: |
| Wolf Den Coal Company | 48,993 | 108,479 |
| Trout Coal Company ..... |  | 5,619.04 |
| Hamill Coal and Coke Company | 16,926 | 85,571.36 |
| Manor Coal Company | 14,796 | 66,164 |
| Pendergast \& Ashby Coal Company. | 13,478 | 4,584 |
| R. J. Ross Coal Mines, Inc................. | 68,024 | 97,805.18 |
| Blaine Mining Company | 17,362 | 54,639 |
| Garrett County Coal \& Mining Company. | 20,981 | 54,745.79 |
| Davis Coal \& Coke Company.................................. | 22,999 | 140,152 |
| W. A. Price Coal Company. | 5,595 | 6,058 |
| W. D. Althouse \& Company | 17,526 | 30,520.16 |
| Meyers Coal Company............. | 4,324 | 10,811 |
| C. E. Stanton Coal Company. | 40 | 270 |
| Morgart Coal Mining Company | 8,478 | 7,424.46 |
| R. W. Miller. | 1,516 | 457.33 |
| Billmeyer Coal Company | 3,197 | 296.20 |
| George Hoover Coal Company. | 2,653 | 365.60 |
| McCullough Coal Corporation. | 12,520 | 29,530 |
| Aberdeen Coal Company | 3,000 | 2,391.20 |
| Potomac River Coal Company... | 3,000 |  |
| Potomac Valley Coal Company. | 12,817 | 14,486.08 |
| Butt \& Butt Coal Company... |  | 109 |
| Blomington Coal Company | 4,597 | 7,280 |
| G. C. Pattison. | 3,22.4 | 3,507 |
| Yough Coal Company. | 8,557 | 3,655 |
| Cass Coal Company. | 5,529 | 1,676 |
| Standard Coal Company | 2,269 | 9,487.52 |
| Tri-State Consolidated Coal Company | 3,377 | 1395.73 |
| M. \& M. Coal Company. | 585 | 2,000 |
| Maryland Smokeless Fuel Company. |  | 409 |
| U. M. Stanton ..... | 2,400 |  |
| McKanwig Coal Company. | 11,349 | 8,560 |
| Table Rock Coal Company. | , | 1,360 |
| Lost Hope Mine. |  | 427 |
| Melvin Weimer |  | 1,902 |
| A. G. Shrout | .....-.-.-..... | 536 |
| Geo. E. Sloan |  | 398.12 |
|  | 340,112 | 763,071.77 |

# ALLEGANY COUNTY IMPROVEMENTS FOR THE PERIOD FROM MAY 1 TO DECEMBER 31, 1922 



Sub-station No. 2 supplying electricity for 9-10-11-12; installation of Sub-station at No. 1, Electric Haulage No. 12.
Air courses tightened, main headings timbered and strengthened, roadways cleaned.
4-T. Fairbank mining scales, installed a fan, built eugine house and blacksmith shop, a stable and dwelling for the foreman.
Fan and engine.
Rock shot in main headings, air, track.
General.
New fan, forty new cars.
1 Sullivan mining machine, 1-6 ton locomotive; installed 5 electric fan driver; erected new loading tipple-
Fain installed.
General.
Fiory $75 \mathrm{H} . \mathrm{P}$. Hoist for outside haulage.

## ALLEGANY COUNTY

Veins of Coal Known to be on the Prenerty, with Acreage of Each Supgosed to Exist.

Westernport Coal Co.
Supply Coal Co.
Donald Coal Mines, Inc.
Greens Coal Co.
Little Pittsburgh Coal Co.
C. J. Rowe

Marva Coal Co. $\qquad$

Smith \& Sons
Fiedmont \& eGorge's Creek Coal Co...
Old Colony Coal Co.
North Md. Coal Mining Co. $\qquad$
Michae!s Coal Co.
Mt. Savage-George's Creek Co.
Hanıshire Big Vein Coal Co.
J. O. J. Greene Coal Co.
$\qquad$
Consalidation Coal Co. $\qquad$ Big Vein 8937.819 A. Upper Tyson or Sewickley 5527 A. Red Stone. Lower Sewickley, Waynesburg. Washington and ali seams given in the Maryland State Geological Survey Reports, the acreage which have not been defined.
Bakerstown 60 acres. Upper Freeport 100 acres.
Bakerstown 6 acres.
Bakerstown.
George's. Creek Coal Co., and Tyson Seam.
Little Pittsburgh owned by Green's Coal Co., Lonaconing, Md.
Parker. Bluebaugh.
All the uuderlying measures present but same is owned and controlled by the George's Creek Coal Co., Inc.
Bakerstown 2 Upper Freeport 2; Lower Freeport 3.
Bib Vein 8 acres: Tyson 378 acres; Bakerstown 548 acres; Lower Kittanning 793 acres; Red Stone 570 acres.
Dirty Nine 70 acres; Bakerstown 283 acres; Big V. 12 acres.
Lower Kittanning 2.500, Davis Five Foot 2.800.
Bakerstown 40.
Bluebaugh 1331.5.
Pittsburgh Big Vein; Freeport; Bakerstown.
Bakerstown 200 acres. 345 aores of the following velns: Upper and Lower Freeport; Kittanning (known as the Davis 6.ft.) Split 6; Clarion and Brookvilie.
Frostburg Mining Co.
Franklin Coal Co.
Bigr Vein, acreage not known.
Bakertown 120 acres Big Veill, old Workings Quantity Unknown; Tyson, Old Workings Quantity Unknown.
Big Vein Outcrop Worked. Estimate about 200,000 tons.
Bakerstown.
Tyson worked out. Pittsburgh worked out. Bakerstown 250.
All Known Veins Below the Pittsburgh Seam.
Union No. 1 resumed operations on a small scale Nov. 25, 1922 . Union No. 2 idle.
Bakerstown, Upper Freeport, Lower Freeport, Lower Kittauning.
Bakerstown.
Big Vein, 1 acre.

## ALLEGANY COUNTY

| Coal Area Worked Out | Average Yet to Mine |
| :---: | :---: |
| Consolidation Coal Co. $\qquad$ Only partia!ly worked, no seams betow the Big Veir have been developed. | 12,774.38 acres. |
| West Virginia P. \& P. Co. $\qquad$ 105 Kittanning seam (Exhausted). | 300 acres Brookville. |
| Westemport Coal Co. .............................................................................. <br> 3 acres. | 200 acres. |
| Supply Coal Co. ......... | 6 acres. |
| Donald Coal Mines, Inc. | 500 acres. |
| Greens Coal Co. . | 20 acres. |
| Little Pittsburgh Coal Co. $\qquad$ <br> 1 acre. | 200 acres. |
| C. J. Rowe \& Bros. ... 1 acre. | 1,900 acres. |
| Marva Coal Co. Estimated 1-5 acre. | 10 acres. |
| MeNitt Coal Co. --.............. | 12.5 aeres. |
| W. D. Kern ............ | 6 acres. |
| Smith \& Sons $\qquad$ <br> 1 acie. | 2 acres. |
| Piedmont \& George's Creek Coal Co. $\qquad$ 17.09 acres. |  |
| Old Colony Coal Co. No. 1 <br> No. 1,46 acres. | 14 acres. |
| Nortil Maryland Coal Mining Co. | 5,300 acres. |
| Michaels $\underset{1-3}{ }$ Coal Co. | 40 acres. |
| Mt. Savage-George's Creck Co. 39.595 acres. | 1,291.905 acres. |
| Metz Coal Co. $\qquad$ <br> 3 acres. | 1 acre. |
| A!ch Michaels Coal Co. <br> 3 or 4 acres. | 1 or 2 acres. |
| Mt. Savage Fuel Co. $\qquad$ 3 acres. | 350 acres. |
| Hampshire Big Vein Voal Co, 24 acres. | 2,145 acres. |
| George's Creek Coal Co., Inc. | 230 acres. |
| Georee ${ }^{1} 1-5$ acres. ${ }^{\text {creek }}$ Clean Coal Co |  |
| George's Creek. Clean Coal Co. <br> About 3 aeres. | 180 acres. |
| J. O. J. Greene Coal Co. | 340 acres. |
| 1/4 acre. |  |
| Pranklin Coal Co. $1-3$ acre Big Vein, 1-8 acre Bakerstown. | 120 acres, Bakerstown. |
| 1-3 acre Big Vein, $1-8$ acre Bakerstown. <br> Fazenbaker Coal Co. | 1-8 acre. |
| Clair Coal Co. | 450 acres. |
| Approximately 15 acres pillared. |  |
| Chapman Coal Mining Co. --.......................................................... | 74 acres. |
| About 1 gere. |  |
| Brailer Mining Co. | 25 acres. |
| Allegany Coal Co. 46 acres. | 90 acres. |
| J. Daddysman | 4 acres. |
| 1 acre. Ailcgany Big Vein Coal Co. $\qquad$ <br> 11 acres. | 1 acre. |

# GARRETT COUNTY IMPROVEMENTS, CALENDAR YEAR 1923 GARRETT COUNTY IMPROVEMENTS FOR THE PERIOD FROM MAY 1 TO DECEMBER 31, 1922 

W. A. Price Coal Co

Wolf Den Coal Co.
Yough Coal Co.
Morgart Coal Mining Co.
MeCullough Coal Corporation
Cass Coal Co.
Potomac Valley Coal Co.
McKanwig Coal Co.
R. W. Miller

Potomac River Coal Co.
George Hoover

## Opening of Caldwell No. 2.

New Fan (Sirroco), New Sand House.
Stable and Blacksmith Shop.
Ordinary improvements in airways and haulways.
Power plant completed. Mine electrified.
One Thousand Dollars.
General retimbering and haulage road repaired.
New Fan Engine and Gasoline Motor.
Fan installed, grasoline driven.
Develomment and construction all through year. Widening the Main Heading.

## GARRETR COUNTY

| Name of Company |
| :--- | :--- |$\quad$| Veins of Ceal Known to he on the Property, with |
| :--- |
| Acreage of Each Supposed to Exist. |

## GARRERT COUNTY



## ALLEGANY COUNTY IMPROVEMENTS

CALENDAR YEAR 1923

| Consolidation Coal Company ........ |
| :---: |
| Mt. Savage-George's Creek Coal Co.... C. J. Rowe and Bros........................................... |
| Mt. Savage Fuel Company Chapman Coal Mining Company............................................. |
|  |  |
|  |
| West Virginia Pulp and Paper Co......... |
| Arch Michaels Coal Company M. W. Race |
|  |  |
|  |
| Shaw Coal Company |
| Donald Coal Mines, Inc. ....................... |
| Mt. Savage Mining Company................. |
| George's Creek Coal Mining Company.... |
| Campbell's Fuel Mine |

Rock Tipple at No. 9 Mine; steel timbering at mouth of No. 10 Mine; new square timbers at mouth of No. 3 Slope.
One trolley haulage motor, one new generator set.
Parker Mine. Screens for making prepared sizes of coal installed.
One storage battery haulage motor.
Ventilating fan re-located in Bakerstown Seam; new doors installed alld main heading brushed and cleaned.
One Thousand Feet of Tramroad laid and three new mine openings made.
Moved generator set from Mine No, 1 to Mine No. 2. Installed one $\{$-inch Worthington turbine pump.
Large air shaft completed and a dump made.
Two small wagon tipples completed.
A tunnel completed.
New mine opening and a plane completed
One hundred $H$. $P$. oil engine and electric power palnt operated by the oil engine.
New machinery installed and various working conditione improved. One Goodman low vein Shortwall machine, one Mancha storage battery haulage motor, one American Blower Company's fan, one M. B. Company rock-drill, 15 mine cars, one small pump and new wire for transmitting power.
Complete electrification of plant; new haulage road; new tipple; picking table; shaking screens; loading booms; electric haulage; sub-station converting alternating to direct current. Western Maryland Railioad re-laid to Jackson Branch and two trestles, re-built.
New timbering.

# GARRETT COUNTY IMPROVEMENTS 

## CALENDAR YEAR 1923

[^1]
## Picking table installed

Entries cleaned up and clearance made.
General implovements made on property.
One pair weigh scales.
Thirty-five H. P. steam hoist; 5-ft. Buck-eye Ventilating fan and steam engine to operate it.
Bradford breaker at tipple.
Some ditching done.
Testing over-cutting mining machines.
One new opening made, mouth of opening No. 2 retimbered, new boiler-house built and tramway tracks overhauled.
Main heading widened and made higher.
One new opening made.

# DESCRIPTION OF MINES IN ALLEGANY COUNTY FOR PERIOD MAY 1, 1922, TO DECEMBER 31, 1922, JANUARY 1, 1923, TO DECEMBER 31, 1923 <br> THE CONSOLIDATION COAL COMPANY 

(Maryland Division)
G. M. Gillette, Manager-_-_Frostburg, Md.

Harry Martin, Asst. Manager........Frostburg, Md.
The Maryland Division of the Consolidation Coal Company is in Allegany County. It is the largest operation in the State. They operate thirteen mines and are working the Pittsburgh or Big Vein and Tyson coal seams. The general condition of the Consolidation mines is good and no expense is being spared to meet the requirements of the law and keep them in a healthful and safe condition.

During the period May 1-December 31, 1922, they employed 374 men and produced 50,823 tons of coal.

During the calendar year, 1923, they employed 737 men and produced 550,112 tons of coal.

MINE No. 1
Peter Hoye $\qquad$ Mine Foreman.

Consolidation Mine No. 1 is located at Ocean on the east side of the George's Creek. It is a slope opening, working the Pittsburgh or Big Vein coal seam, and is opened under the double entry system.

Ventilation is produced by an electrically driven fan, and the air current is conducted to the working faces by overcasts, doors and brattices. It is found in a satisfactory and lawful condition.

Drainage is very difficult, owing to the low condition of the mine, and a heavy expense is incurred keeping it satisfactory. It is obtained by being drained through the Hoffman tunnel.

During the period May 1-December 31, 1922, they employed 55 men, worked 42 days and produced 5,141 tons of coal.

During the calendar year 1923, they employed 113 men, worked 288 days and produced 71,625 tons of coal.

## MINE No. 3

R. L. Edwards. Mine Foreman.

Consolidation Mine No. 3 is located at Hoffman, $11 / 2$ miles east of Frostburg. It is a slope opening working the Pittsburgh or Big Vein seam of coal and is developed on the double entry system.

Ventilation is produced by a steam-driven fan and the air current is conducted to the working faces by overcasts, doors and brattices. It is found in a satisfactory and lawful condition.

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

There was no coal produced during the period May 1st to December 31, 1922, due to labor difficulties.

During the calendar year 1923, they employed 65 men, worked 292 days and produced 46,034 tons of coal.

MINE No. 4
Hugo Rempel $\qquad$ Mine Foreman.

Consolidation Mine No. 4 is a slope opening working the Pittsburgh or Big Vein coal seam. It is developed on the double-entry system. Ventilation is produced by an electrically driven fan, 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. The timbering, however, is well looked after.

During the period May 1-December 31, 1922, there was no coal produced due to labor difficulties.

During the calendar year 1923, they employed 52 men, worked 271 days and produced 39,083 tons of coal.

MINE No. 6
Richard Hawkins $\qquad$ Mine Foreman.

Consolidation Mine No. 6 is located at National. It is a drift opening working the Sewickley or Tyson coaI seam, and is developed on the double-entry system.

Ventilation is produced by fan driven by electric motor. The air is conducted to the working faces by overcasts, doors and brat-
tices. Drainage is in lawful condition. The roof is very dangerous but the timbering is well looked after.

During the period May 1-December 31, 1922, no coal was produced due to labor difficulties.

No coal was produced during the calendar year 1923.

## MINE No. 7

| James Darrow | Mine Foreman. |
| :---: | :---: |
| Richard Hawkins | Mine Foreman |

Consolidation Mine No. 7 is located at Lord, $11 / 2$ miles west of Carlos Junction. It is a slope opening working the Pittsburgh or Big Vein seam of coal, and is developed on the double-entry system.

The ventilation is found in a lawful condition, and is produced by a steam-driven fan. It is conducted to the working faces by doors and brattices. Drainage is by natural means and is drained into the Ocean water ditch. It is in good condition. The roof is of the usual character which overlies the Pittsburgh seam in this region, and the timbering is well looked after.

During the period May 1-December 31, 1922, they employed 40 men, worked 36 days and produced 4,312 tons of coal.

During the calendar year 1923, they employed 44 men, worked 301 days and produced 53,753 tons of coal.

## MINE No. 9

James Woodson ........................................ Mine Foreman.
Frank Carter .................................. Mine Foreman.

Consolidation Mine No. 9 is located at the end of the " $Y$ " on the main line of the Cumberland \& Pennsylvania Railroad. It is a drift opening working the Tyson coal seam. Ventilation is found to be in a satisfactory condition and is produced by an electrically driven fan. It is conducted to the working faces throughout the mine by overcasts, doors and brattices. During the year an air shaft was put down to further improve the ventilation in this mine and several brick overcasts and stoppings were put in. Drainage is very difficult but is kept in a lawful condition by holes being driven to the Big Vein and by the use of electric pumps.

During the period May 1-December 31, 1922, they employed 66 men, worked 54 days and produced 12,370 tons of coal.

During the calendar year 1923, they employed 98 men, worked 293 days and produced 82, 085 tons of coal.

MINE No. 10
Frank Williams
Mine Foreman.
Consolidation Mine No. 10 is located at Eckhart, Md., west of Consolidated Mine No. 4. It is a drift opening, working the Sewickley or Tyson coal seam and is developed on the double-entry system. Ventilation is produced by an electrically driven fan. The air is conducted to the working faces by overcasts, doors and stoppings. Drainage is very difficult but is kept in a lawful condition by pumps and holes being driven into the Big Vein. The roof is as good as the average found in the Tyson seam and requires a great deal of timbering.

During the period May 1-December 31, 1922, they employed 88 men, worked 54 days and produced 10, 088 tons of coal.

During the calendar year 1923, they employed 99 men, worked 286 days and produced 60,774 tons of coal.

MINE No. 11

| Frank Williams | Mine Foreman. |
| :---: | :---: |
| John Kidwell | Asst. Foreman. |

Consolidation Mine No. 11 is located at Pumping Shaft, above the Big Vein of Consolidated Mine No. 3. It is a shaft opening, working the Upper Sewickley or Tyson coal seam and is developed on the double-entry system. Ventilation is produced by an electrically driven fan and is conducted to the working face by overcasts, doors and stoppings. Drainage is very difficult, but is kept in a satisfactory condition by electric pumps and holes drilled into the Big Vein. Roof is good except in a few places.

During the period May 1-December 31, 1922, no coal was produced due to labor difficulties.

During the calendar year 1923, they employed 34 men, worked 239 days and produced 21,628 tons of coal.

MINE No. 12
A. C. Neal ...-a, Mine Foreman.

Consolidation Mine No. 12 is located at Borden Shaft, on the main line of the Cumberland \& Pennsylvania Railroad. It is a shaft opening working the Pittsburgh or Big Vein coal seam. It is developed on the double-entry system. Ventilation is produced by an electrically driven fan at the pumping shaft and is conducted to the working face by overcasts, doors and stoppings. Drainage is by natural means and ditches, and is drained in the Hoffman
water ditch. The roof is as good as the average and requires a great deal of timbering.

During the period May 1-December 31, 1922, they employed 113 men, worked 51 days and produced 18,322 tons of coal.

During the calendar year 1923, they employed 154 men, worked 298 days and produced 132,115 tons of coal.

MINE No. 13
Charles Shields ................................. Mine Foreman.
Mine No. 13 is located at Old Consolidation, a village about 1 mile west of Frostburg, operating the Tyson coal seam. Ventilation is produced by a fan driven by an electric motor. The air current is conducted to the working faces by brattices and doors and is found in good condition.

During the period May 1-December 31, 1922, they employed 12 men, worked 32 days and produced 590 tons of coal.

During the calender year 1923, they employed 34 men, worked 296 days and produced 18,094 tons of coal.

## MINE No. 14

Elmer Kight $\qquad$ Mine Foreman.

Consolidation Mine No. 14 is located at Zihlman (Allegany) and is known as the "0ld Allegany Mine." It is a drift opening working the Pittsburgh or Big Vein coal seam, and is developed on the double-entry system. Ventilation is produced by a five-foot fan, driven by an electric motor. The air current is conducted to the working faces by approved doors and brattices. Drainage is by means of ditches and is drained into the Allegany ditch.

During the period May 1-December 31, 1922, no coal was produced due to labor difficulties.

No coal was produced during the calendar year 1923.
MINE No. 15
George Richardson $\qquad$ Mine Foreman.
Consolidation Mine No. 15 is located at Vale Summitt and is known as the "Old Astor Mine." It is a drift opening working the Pittsburgh or Big Vein coal seam.

During the period May 1-December 31, 1922, no coal was produced due to labor difficulties.

The mine was also idle during the calendar year 1923.

MINE No. 16
George Richardson..$-\quad$ Mine Foreman.
Michael McGeady

Mr. George Richardson had been mine foreman at this mine but during the year was transferred and Mr. McGeady installed at the mine.

Consolidation Mine No. 16 is located about 2 miles east of Midland. It consists of a series of openings and is developed on the double-entry system. Nos. 1 and 2 are slope openings. Ventilation is produced by electric fans and is conducted to the working faces by overcasts, doors and brattices. Drainage is by means of pumps and is found in a satisfactory condition. Timbering is carefully looked after.

During the period May 1-December 31, 1922, the mine was idle due to labor difficulties.

During the calendar year 1923, they employed 44 men, worked 194 days and produced 24,921 tons of coal.

# GEORGE'S CREEK COAL MINING COMPANY 

MINE No. 1

The George's Creek Coal Mining Company, Tyson No. 1, is located at Loaconing, working the Tyson or Sewickley seam of coal, and is a drift opening, developed on the double-entry system. Ventilation is produced by electrically driven fans and is found to be in a very satisfactory condition.

During the period May 1-December 31, 1922, they employed 72 men, worked 72 days and produced 11,738 tons of coal.

During the calendar year 1923, this mine was idle.
MINE No. 2
Joseph Todd .....-a, Mine............................. Mine Foreman.
Waynesburg Mine of the George's Creek Coal Mining Company is located at Lonaconing. It is a drift opening, working the Waynesburg seam of coal. Ventilation is by natural means and is found to be in a satisfactory condition.

During the period May 1-December 31, 1922, they employed 37 men, worked 28 days and produced 6,049 tons of coal.

The mine was idle during the calender year 1923.

MINE No. 3
Jackson No. 3 Mine of the George's Creek Coal Mining Company is located at Barton. It is a drift opening, working the Pittsburgh or Big Vein seam of coal. Ventilation is by natural means and found to be in a satisfactory condition.

This mine was idle during the period covered by this report.

## SONNY MINE-(Tunnel Mine)

Frank Quinn $\qquad$ Mine Foreman.

Sonny Mine of the George's Creek Coal Mining Company, formerly the Tunnel Mine, is located at Lonaconing, Md., working the Pittsburgh or Big Vein coal seam.

Ventilation is produced by an electrically driven fan and is conducted to the working face by doors and stoppings. It is found in a satisfactory condition, no expense being spared to comply with the law.

During the year 1923 the mine was electrified throughout and a new picking table and tipple installed. A new system of coal recovery is being started at this mine and it is being watched with interest by the mining men in this region.

During the period May 1-December 31, 1922, this mine employed 12 men, worked 41 days and produced 480 tons of coal.

During the calendar year 1923, they employed 78 men, worked 271 days and produced $28,748.70$ tons of coal.

## PIEDMONT AND GEORGE'S CREEK COAL COMPANY

MINE No. 1
William Brophy ......................... Mine Foreman.
Washington No. 1 Mine is located on the west side of the George's Creek, near Franklin. It is a drift opening, working the Lower Kittanning seam of coal, and is developed on the doubleentry system. Ventilation is produced by an electrically driven fan and the air current is conducted to the working faces by doors and stoppings, and is found in a satisfactory condition. Drainage is by means of pumps and is kept in a lawful condition. The roof is in good condition.

During the period May 1-December 31, 1922, they employed 79 men, worked 64 days and produced 15, 937 tons of coal.

During the calendar year 1923, they employed 64 men, worked 105 days and produced $23,001.64$ tons of coal.

MINE No. 2

> Martin Condry .............................................. Mine Foreman.

Washington No. 2 Mine is located at Eckhart. It is a drift opening, working the Big Vein and Red Stone coal seam. Ventilation is produced by a fan driven by electric motor and is found in a satisfactory condition.

During the period May 1-December 31, 1922, they employed 7 men, worked 10 days and produced 314 tons of coal.

During the calendar year 1923, this mine was idle.
MINE No. 5
M. T. O'Rourke Mine Foreman
W. D. Wallace

Washington No. 5 Mine is located near Franklin. It is a drift opening, working the Bakerstown coal seam and developed on the double-entry system. Ventilation is produced by an electrically driven fan and the system is found to be in satisfactory condition.

During the period May 1-December 31, 1922, they employed 76 men, worked 107 days and produced 32,180 tons of coal.

During the calendar year 1923, they employed 49 men, worked 130 days and produced $22,503.16$ tons of coal.

## MINE No. 1-(Bowery Furnace)

James Taylor $\qquad$ Mine Foreman
Bowery Furnace No. 1 Mine is located at Midlothian, working the Red Stone seam of coal. It is developed in the double-entry system and is kept in a lawful condition. The roof in this mine is very soft and requires a great deal of timbering. Ventilation is produced by a fan driven by an electric motor.

This mine was idle during the period covered by this report.

> MINE No. 2-(Bowery Furnace)
> Harry Hitchins ..................................... Foreman.

Bowery Furnace No. 2 Mine is located at Midlothian, working the Tyson seam of coal. It is developed on the double-entry system and is kept in a lawful condition. Ventilation is produced by an electrically driven fan and is conducted to the working faces by doors and stoppings.

During the period May 1-December 31, 1922, they employed 157 men, worked 28 days and produced 11,330 tons of coal.

During the calendar year 1923, they employed 62 men, worked 194 days and produced $28,077.39$ tons of coal.

# BRYDON BROS. COAL CORPORATION <br> PEKIN MINE <br> William Abbott Mine Foreman. 

This mine is located on the west side of Pekin. It is a drift opening working the Pittsburgh or Big Vein coal seam. Ventilation is produced by holes being driven to the surface and around the outcrop, where the working faces are located. Drainage is by natural means and ditches. The roof is of the usual character and requires a great deal of timbering.

During the period May 1-December 31, 1922, this mine was idle due to labor difficulties.

During the calendar year 1923, they employed 7 men, worked 49 days and produced $2,567.04$ tons of coal.

## COROMANDAL MINE

Abraham Dunn $\qquad$ Mine Foreman.

This mine of the Brydon Bros. Coal Corp., is located at Lonaconing and is a drift opening working the Pittsburg or Big Vein seam of coal. It is developed on the double-entry system. Ventilation is by natural means and is found to be in a satisfactory condition.

This mine was idle during the period May 1-December 31, 1922, due to labor difficulties.

During the calendar year 1923, this mine employed 9 men, worked 65 days and produced $2,776.48$ tons of coal.

CALEDONIA MINE


This mine of the Brydon Bros. Coal Corp. is located on the west side of George's Creek, at Barton, and consists of two drift openings, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by natural means, by holes driven to the surface around the outcrop near where the working faces are located. Drainage is by natural means and ditches and is generally good. The roof is of a very dangerous character being near the outcrop and therefore requires very careful attention.

During the period May 1-December 31, 1922, they employed 23 men, worked 40 days and produced 2,273 tons of coal.

During the calendar year 1923, they employed 45 men, worked 236 days and produced $37,297.12$ tons of coal.

## MOSCOW MINE

James Darrow $\qquad$ Superintendent.

This mine of the Brydon Bros. Coal Corp. is a drift opening in the Bakerstown seam, located on the east side of George's Creek at Barton, on the Cumberland and Pennsylvania Railway. Ventilation is produced by a fan driven by an electric motor and is found satisfactory.

During the period May 1-December 31, 1922, this mine was idle.

During the calendar year 1923, they employed 7 men, worked 12 days and produced 418.88 tons of coal.

MOSCOW-GEORGE'S CREEK COAL COMPANY

| Ed. R. Brennan | Mine Foreman. |
| :---: | :---: |
| Ed. Shaw | Mine Foreman. |

Moscow Nos. 2 and 3 are located near Barton on the west side of George's Creek. They are drift openings, working the Pittsburgh or Big Vein and Bakerstown coal seams.

The ventilation in the Bakerstown is produced by fan driven by electric motor. In the Pittsburgh or Big Vein Mine it is produced by natural means.

During the period May 1-December 31, 1922, No. 2 Mine employed 20 men, worked 200 days and produced 6,666 tons of coal. Mine No. 3 employed 13 men, worked 38 days and produced 450 tons of coal.

During the calendar year 1923, Mine No. 2 employed 16 men, worked 150 days and produced $15,571.86$ tons of coal. Mine No. 3 employed 9 men, worked 100 days and produced 2,703.68 tons of coal.

## HOFFA BROS. COAL COMPANY

Wm. Hyde, Sr. $\qquad$ Mine Foreman.

Potomac Mine is located in Barton. It is a drift opening, working the Pittsburgh coal seam.

Ventilation is produced by fan driven by electric motor. Drainage is by natural means and is in a satisfactory condition.

During the calendar year 1923, they employed 31 men, worked 250 days and produced $18,728.90$ tons of coal.

HOFFA BROS. COAL COMPANY
William Hyde, Sr.... Mine Foreman
Phoenix No. 2 Mine consists of 7 openings in the Pittsburgh or Big Vein coal seam and is located on the west side of George's Creek at Lauder on the Cumberland and Pennsylvania Railroad. Ventilation is by natural means and is found to be satisfactory.

This mine was idle during the period May 1-December 31, 1922.
During the calendar year 1923, they employed 27 men, worked 80 days and produced $6,971.50$ tons of coal.

## ROBERT HARVEY \& SONS COAL COMPANY <br> William Harvey Mine Foreman.

Robert Harvey and Sons, Coal Company is located at Reynolds, 1 mile west of Barton. It is a drift opening, working the Freeport coal seam.

During the calendar year 1923, they employed 3 men, worked 260 days and produced 2,782 tons of coal.

## PORTER-HOFFA COAL COMPANY

Oliver T. Porter $\qquad$ Mine Foreman.

This mine is located near Barton. It is a drift opening, working the Bakerstown coal seam. Ventilation is produced by natural means. It is found to be in a lawful condition.

During the period May 1-December 31, 1922, they employed 9 men, and produced 1,592 tons of coal.

During the calendar year 1923, they employed 11 men, worked 116 days and produced $3,598.17$ tons of coal.

## OLD COLONY COAL COMPANY

Joe E, Small Mine Foreman.

Nos. 1 and 2 of the Old Colony Coal Company are located at Moscow. They are drift openings, working the Bakerstown coal seam. Ventilation is produced by a fan driven by an electric motor. The air current is conducted to the working faces by means of doors and stoppings. It is found in a satisfactory condition.

During the period May 1-December 31, 1922, they employed 4 men, worked 110 days and produced 1,180 tons of coal.

During the calendar year 1923, they employed 17 men, worked 112 days and produced 4,166 tons of coal.

## GEORGE'S CREEK CLEAN COAL COMPANY

John T. Hardegan .- Mine Foreman.

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

During the period May 1-December 31, 1922, they employed 29 men, worked 93 days and produced 6,187 tons of coal.

During the calendar year 1923, they employed 36 men, worked 63 days and produced 6,094 tons of coal.

## WESTERNPORT COAL COMPANY

Wm. Winkler
Michael T. Daily
.-an

This mine is located at Franklin. It is a drift opening working the Lower Kittanning coal seam. Ventilation is produced by electric fan and is conducted to the working faces by doors and brattices. Drainage is difficult in sections; however, it is kept in good condition by electric pumps.

During the period May 1-December 31, 1922, they employed 21 men, worked 175 days and produced 8,700 tons of coal.

During the calendar year 1923, they employed 3 men, worked 24 days and produced 335.33 tons of coal.

## ALLEGANY COAL COMPANY

R. C. Roberts $\qquad$ Mine Foreman.

Tacoma Mines Nos. 2 and 4 are located on the west side of the George's Creek at Franklin. They are drift openings, working the Lower Kittanning and Bakerstown Coal seam. Vetilation is produced by fan driven by electric motors. The air current is conducted to the working faces by doors and stoppings, and is found in good condition. Drainage is by natural means and is generally good. The roof is of a dangerous character and requires a great deal of timbering.

During the period May 1-December 31, 1922, Tacoma No. 2 Mine employed 36 men, worked 132 days and produced 9,289 tons of coal. Tacoma No. 4 Mine employed 28 men, worked 86 days and produced 8,384 tons of coal.

During the calendar year 1923, Tacoma Mine No. 2 employed 24 men and worked 93 days. Tacoma No. 4 Mine employed 16 men and worked 118 days. Both mines jointly produced 15,122.14 tons of coal.

$$
\begin{aligned}
& \text { BURTNER COAL MINING COMPANY, INC., } \\
& \text { Formerly } \\
& \text { CLAIR COAL COMPANY, INC. } \\
& \text { T. A. Harris }
\end{aligned}
$$

Burtner No. 6 Mine is located on the west side of the George's Creek, near Franklin. They are drift openings, and working the Bakerstown coal seam, and is developed on the double-entry system. Ventilation is well distributed, being produced by a large steamdriven fan, and the air conditions are good. Drainage is by natural means and ditches.

During the period May 1-December 31, 1922, they employed 27 men, worked 185 days and produced 17,610 tons of coal.

During the calendar year 1923, they employed 28 men, worked 297 days and produced $36,728.16$ tons of coal.

## HAMPSHIRE BIG VEIN COAL COMPANY

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Willian Rogan Mine Foreman.
George Crow
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``` Mine Foreman.
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Hampshire Mines Nos. 2 and 3 are openings in the Bakerstown and Freeport seams, respectively, located near Reynolds. Ventilation is produced by fan driven by electric motor and is found satisfactory.

Hampshire Big Vein Coal Company Mine No. 1 is located at Reynolds near Barton. It is a drift opening, working the Pittsburgh or Big Vein coal seam.

Ventilation is by natural means and is found to be in satisfactory condition.

During the period May 1-December 31, 1922, No. 1 Mine, employed 39 men, worked 75 days and produced 11,000 tons of coal.

During the calendar year 1923, Mine No. 1 empolyed 42 men, worked 145 days and produced 25,000 tons of coal. Mine No. 3 employed 7 men, worked 98 days and produced 4,215 tons of coal.

## BOAL AND LANGHAM COAL COMPANY

Herbert Langham $\qquad$ Mine Foreman.

This company is located about 1 mile west of Barton, and is a drift opening, working the Bakerstown coal seam. Ventilation is produced by a gasoline driven fan.

During the period May 1-December 31, 1922, they employed 25 men, worked 82 days and produced 4,820 tons of coal.

During the calendar year 1923, they employed 2 men, worked $301 / 4$ days and produced 443.52 tons of coal.

## WEST VIRGINIA PULP AND PAPER COMPANY

J. P. Brown ... Mine Foreman.

Devon Mines Nos. 1 and 2 are located at Luke on a branch of the Western Maryland Railroad. They are drift openings, working the Kittanning and Brookville coal seams. Ventilation is produced by a fan driven by an electric motor, and is conducted to the workng faces by doors and stoppings. The air current is found in a satisfactory condition. Drainage is difficult in some sections. The roof requires a great deal of timbering, which is always attended to promptly.

During the period May 1-December 31, 1922, Devon No. 1 Mine employed 38 men, worked 90 days and produced 12,944 tons of coal. Devon Mine No. 2 employed 83 men, worked 293 days and produced 50,142 tons of coal.

During the calendar year 1923, Devon Mine No. 2 employed 82 men, worked 293 days and produced 61,607 tons of coal.

GEORGE'S CREEK COAL COMPANY, INC.
Robert Todd ................................
Clarkson Laird, Mine Foreman, Mines 2, Big Vein and Tyson.
Mines Nos. 1, 3 and 4 are located on the west side of the George's Creek at Lonaconing. They are drift openings, working the Sewickley or Tyson coal seam. They are equipped with electrically driven fans. The air conditions are very good.

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

During the period May 1-December 31, 1922, Mine No. 1 (or No. 4) Sewickley or Tyson coal seam, employed 39 men, worked 44 days and produced 4,265 tons of coal. Mines 2 and 3 were idle on account of labor difficulties.

During the calender year 1923, Mine No. 1 or No. 4, employed 66 men, worked 246 days and produced 53,172 tons of coal. Mine No. 2, Pittsburgh seam, employed 18 men, worked 206 days and produced 15,798 tons of coal. Mine No. 2, Sewickley or Tyson seam, employed 11 men, worked 206 days and produced 7,009 tons of coal.

## McNITT COAL COMPANY

John Fatkin Mine Foreman.

The McNitt Coal Company is located at Midlothian and working the Sewickley or Tyson coal seam. It is a slope opening. Ventilation is produced by steam driven fan and conducted to the working faces by doors and stoppings, and is found to be generally good.

During the period May 1-December 31, 1922, they employed 29 men, worked 26 days and produced 2,631 tons of coal.

During the calendar year 1923, they employed 42 men, worked 227 days and produced $36,022.56$ tons of coal.

## MT. SAVAGE FUEL COMPANY

Lawrence Barth
Albert Deffenbaugh
Harry Retzer $\qquad$
$\qquad$ uperintendent. Mine Foreman. Mine Foreman.

This mine is located at Mt. Savage and is a drift opening, working the Bush Creek or Rock seam and is developed on the double-entry system. Ventilation is produced by an electrically driven fan and is conducted to the working face by doors and stoppings, and is found to be in a satisfactory condition.

During the period May 1-December 31, 1922, they employed 40 men, worked 199 days and produced 8,308 tons of coal.

During the calendar year 1923, they employed 28 men, worked 226 days and produced $20,483.69$ tons of coal.

## BRAILER MINING COMPANY

James Walsh $\qquad$ Mine Foreman.

Bald Knob Mine is located at Mt. Savage. It consists of four openings, working the Pittsburgh or Big Vein seam. It is developed on the double-entry system. Ventilation is produced by electrically driven fans and is conveyed to the working faces by doors and stoppings. The air conditions are good. Drainage is by means of ditches. The roof is good and the timbering well taken care of.

During the period May 1-December 31, 1922, they employed 30 men, worked 210 days and produced 12,923 tons of coal.

During the calendar year 1923, they employed 31 men, worked 211 days and produced 17,339 tons of coal.

## EAGAN MINING COMPANY

Chas. Eagan
Mine Foreman.
The Eagan Mining Company is located at Midland, and is a drift opening, working the Pittsburgh or Big Vein coal seams. Ventilation is by natural means.

During the period May 1-December 31, 1922, they employed 4 men, worked 50 days and produced 1,200 tons of coal.

During the calendar year 1923, they employed 5 men, worked 50 days and produced 120 tons of coal.

## THE NORTH MARYLAND COAL MINING COMPANY

Raymond Henry
Mine Foreman.
This Company is located at Montell, working the Lower Kittanning seam of coal. The working condition of this mine is very difficult owing to the heavy grade, but it is kept in a lawful condition. The coal is hauled from the mines to the head of a plane on the inside of the mine and lowered 500 feet; from here it is hauled through a rock tunnel several thousand feet long by electric motor. Ventilation is produced by natural means and is found to be in a satisfactory condition.

During the period May 1-December 31, 1922, this mine was idle, due to labor difficulties.
-During the calendar year 1923, they employed 59 men, worked 50 days and produced 10,000 tons of coal.

## WORKMAN COAL COMPANY

C. O. Workman 'Mine Foreman.

This mine is located about one mile north of Frostburg. It is a drift opening working the Pittsburgh or Big Vein seam. Ventilation is by natural means and found to be in a good condition.

During the period May 1-December 31, 1922, they employed 10 men, worked 285 days and produced 2,741 tons of coal.

During the calendar year 1923, they employed 9 men, worked 282 days and produced 6,360 tons of coal.

## ALLEGANY BIG VEIN COAL COMPANY

James A. Hanna

Mine Foreman.
This mine is located near Allegany. It is a drift opening, working the Pittsburgh or Big Vein coal seam. Ventilation is
produced by natural means and the conditions are good for this kind of ventilation. Drainage is by natural means. The roof is dangerous and reduires a great deal of timbering to keep it in a safe condition.

During the period May 1-December 31, 1922, they employed 16 men, worked 159 days and produced 7,453 tons of coal.

During the calendar year 1923, they employed 4 men, worked 270 days and produced 4,443 tons of coal.

## H. G. EVANS COAL COMPANY

Borden Mine is located at Borden, near Frostburg. There are two drift openings, working the Pittsburgh or Big Vein seam. Ventilation is produced by natural means and the conditions are good for this kind of ventilation, as there are numerous holes driven to the surface around the outcrop, where the working faces are located. Drainage is in a lawful condition by natural means. The roof is of a dangerous character and requires a great deal of timbering to keep it safe.

During' the period May 1-December 31, 1922, they employed 6 men, and produced 2,248 tons of coal.

During the calendar year 1923, they employed 7 men, worked 296 days and produced 3,933 tons of coal.

## MIDLAND MINING COMPANY

> J. S. Askey
$\qquad$ Mine Foreman.

Neff Run Mine is located near Midland. It has five openings, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by natural means, by holes being driven to the surface around the outcrop near the working faces. Drainage is by natural means and ditches are generally good. The roof is dangerous, being near the outcrop and therefore requires a great deal of timbering. However, it is kept in a safe condition.

This mine has been idle during the period covered by this report.

## MARYLAND COAL COMPANY

Robert Merrbach.......Mine Foreman (Big Vein)
Felix Foote Mine Foreman (Tyson)
The Big Vein and Tyson Mines of this Company are located on the west side of George's Creek at Lonaconing.

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

Big Vein No. 2 is a drift opening, working the Pittsburgh seam. The roof is good and timbering well looked after.

Ventilation in these mines is produced by electrically driven fans. Drainage is difficult but is kept in lawful condition by means of ditches and pumps.

During the period May 1-December 31, 1922, the Big Vein Mine employed 26 men, worked 24 days and produced 2,765 tons of coal, the Tyson Mine being idle.

During the calendar year 1923, Big Vein Mine employed 56 men, worked $891 / 2$ days and produced 23,581.16 tons of coal. Tyson Mine employed 32 men; worked $591 / 2$ days and produced $4,538.08$ tons of coal.

## MARYLAND COAL COMPANY

Bailey Burns $\qquad$ Mine Foreman.

Mine No. 4 is located at Moscow. It is a drift opening, working the Bakerstown coal seam. Ventilation is by natural means.

During the period May 1-December 31, 1922, this mine was idle.

During the calendar year 1923, this mine employed 14 men, worked 35 days and produced $1,357.08$ tons of coal.

## UNITED BIG VEIN COAL COMPANY

H. W. Rowe $\qquad$ Mine Foreman.

This mine is located west of Mt. Savage and consists of two drift openings working the Pittsburgh or Big Vein coal seam. It is developed on the double-entry system. Ventilation is produced by an electrically driven fan and is found satisfactory. The current is conducted to the working faces by approved brattices and doors. Drainage is kept in a lawful condition by natural means and ditches. The roof is good and the timbering well looked after.

During the period May 1-December 31, 1922, this mine was idle on account of labor difficulties.

During the calendar year 1923, they employed 49 men, worked 95 days and produced 12,048 tons of coal.

## SULLIVAN BROS. COAL COMPANY

J. P. Barry $\qquad$ Mine Foreman.
Bernard D. Byrnes
Mine Foreman.
Sullivan Mine No. 1 is located near Eckhart. It is a drift opening, working the Upper Sewickley, better known as the Tyson
coal seam, and also the Big Vein coal seam. This mine is developed on the double-entry system.

Sullivan Mine No. 2 is located at Carlos, Md., and was worked out during the year 1923.

Sullivan Mine No. 3 is a new mine being opened and did not ship any coal during the year 1923. It is located at Clarysville, Md., about 3 miles east of Frostburg, and is in the Kittanning coal seam.

Ventilation in Mine No. 1 is produced by an electrically driven fan and is conducted to the working faces by doors and brattices.

During the period May 1-December 31, 1922, this company employed 21 men, worked 20 days and produced 605 tons of coal from No. 1 Mine.

During the calendar year 1923, they employed 35 men, worked 277 days and produced 14,009 tons of coal from Nos. 1 and 2 Mines.

> C. J. ROWE \& BROS., INC.

> | Thomas Keegan |
| :--- |
| John Henaghen |
| .. |

Parker Mine is located at Barrellsville, working the Bluebaugh seam of coal. Ventilation is produced by a 7 -foot fan driven by electricity. Drainage is in a lawful condition. The roof is good and carefully looked after.

During the period May 1-December 31, 1922, they employed 51 men, worked 62 days and produced 2,614 tons of coal.

During the calendar year 1923, they employed 36 men, worked 209 days and produced 28,446 tons of coal.

## VINCENT ENGLE \& SONS COAL COMPANY

Vincent Engle $\qquad$ Mine Foreman.

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

During the period May 1-December 31, 1922, they employed 6 men, and produced 1,800 tons of coal.

During the calendar year 1923, they employed 4 men and produced 1,933 tons of coal.

ROBERT GRIFFITH COAL COMPANY
Robert Griffith Mine Foreman.
This mine is located at Frostburg, working the Tyson coar seam. Ventilation is produced by natural means.

During the period May 1-December 31, 1922, they employed 6 men and produced 1,362 tons of coal.

During the calendar year 1923, they employed 6 men, worked 74 days and produced 777 tons of coal.

## MIDLOTHIAN COAL COMPANY

William Walters
Mine Foreman.
Midlothian Coal Company is located at Midlothian, about two miles west of Frostburg. The mine consists of five drift openings, working the Tyson and Big Vein coal seams. Ventilation is produced by natural means and is found to be very satisfactory. Drainage is generally good and is by natural means and ditches. The roof is of dangerous character being near the outcrop, and, therefore, requires very careful timbering. The timbering is carefully looked after.

During the period May 1-December 31, 1922, they employed 3 men, worked 46 days and produced 609 tons of coal.

During the calendar year 1923, they employed 5 men, worked 150 days and produced 3,560 tons of coal.

> STANTON \& GEORGE'S CREEK COAL COMPANY
> Louis Stanton
> Mine Foreman.

Stanton's Mine is located on the west side of Braddock's Run, 1 mile south of Clarysville, along the Old National Road. It is a drift opening, working the Kittanning seam of coal. Ventilation is produced by natural means.

During the period May 1-December 31, 1922, they employed 9 men, worked 52 days and produced 707 tons of coal.

During the calendar year 1923, they employed 9 men, worked 60 days and produced 989.08 tons of coal.

STOREY \& S'TAPLETON COAL COMPANY
J. P. Stapleton

Mine Foreman.
This mine is located at Vale Summitt. It is a drift opening, working the Big Vein coal seam.

During the period May 1-December 31, 1922, they employed 4 men, worked 83 days and produced 1,000 tons of coal.

During the calendar year 1923, this mine was idle.

## ANNAN \& JEFFRIES COAL COMPANY

## Union No. 1

Albert Deffenbaugh
Mine Foreman. Albert Rice Mine Foreman.

Union No. 1 Mine is located at Zihlman and is a drift opening, working the Big Vein and Tyson seams of coal. Conditions are found to be very satisfactory. Ventilation is produced by an electrically driven fan and is conducted to the working face by overcasts, doors and stoppings.

During the period May 1-December 31, 1922, they employed 19 men, worked 27 days and produced 1,101 tons of coal.

During the calendar year 1923, they employed 23 men, worked 140 days and produced $8,373.32$ tons of coal.

UNION No. 2

## W. H. R. Thomas <br> $\qquad$ Superintendent.

Union No. 2 Mine is located at Zihlman. It is a drift opening, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by an electrically driven fan.

This mine was idle during the period covered by this report.

## THE KOONTZ COAL COMPANY <br> McKee No. 1

Henry McKee Mine Foreman.
McKee No. 1 Mine is located 11/2 miles west of Carlos Junction, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by natural means and the conditions are favorable for this means of ventilation, as there are numerous holes driven to the surface and around the outcrop near the working faces.

During the period May 1-December 31, 1922, this mine employed 54 men, worked 92 days and produced 9,887 tons of coal.

During the calendar year 1923, they employed 19 men, worked 85 days and produced $5,575.36$ tons of coal.

McKEE No. 2
Walter Kallmeyer

McKee No. 2 Mine of the Koontz Coal Company is located about 1 mile west of Lonaconing, working the Tyson coal seam. Ventilation is produced by steam driven fan and is found to be in very satisfactory condition. Drainage is by natural means and is found in good condition.

During the period May 1-December 31, 1922, they employed 36 men, worked 54 days and produced 7,211 tons of coal.

During the calendar year 1923, they employed 36 men, worked 261 days and produced $34,610.24$ tons of coal.

MT. SAVAGE \& GEORGE'S CREEK COAL COMPANY
Frank Diehl Mine Foreman.

Mine No. 1 is located at George's Creek Village, on the main line of the Cumberland and Pennsylvania Railroad. It is a drift opening, working the Brookville or Bluebaugh coal seam. Ventilation is produced by an electrically driven fan located at a shaft 204 feet deep. The air current is conducted to the working faces by doors, brattices and stoppings. The roof is good and timbering well looked after.

During the period May 1-December 31, 1922, this mine was idle, due to labor difficulties.

During the calendar year 1923, they employed 128 men, worked 261 days and produced 98,121 tons of coal.

## POTOMAC \& CUMBERLAND COAL COMPANY William Williams <br> $\qquad$ Mine Foreman.

This mine is located about 1 mile east of Mt. Savage on the C. \& P. Railroad; they are drift openings, working the Lower and Upper Freeport and Bakerstown coal seams. The ventilation is found to be in a very lawful condition.

This mine was idle during the period covered by this report.
CAMPBELL BROS.
M. J. Campbell

Mine Foreman.
This mine is located at Gilmore, Md. It is a drift opening, working the Franklin coal seam. Ventilation is by natural means. This is a small mine and the coal is sold to domestic trade.

During the calendar year 1923, they employed 4 men, worked 225 days and produced 1,000 tons of coal.

## McGOWAN BROS.

## J. McGowan

 Mine Foreman.This mine is located at Gilmore, Md. It is a drift opening, working the Pittsburgh or Big Vein coal seam. Ventilation is by natural means.

During the period May 1-December 31, 1922, they employed 5 men, worked 60 days and produced 1,500 tons of coal.

During the calendar year 1923, they employed 5 men, worked 93 days and produced 2,291 tons of coal.

## MARVA COAL COMPANY

Joseph G. Martin $\qquad$ Mine Foreman.

Pine Hill Mine is located near Lonaconing, Md., on the east side of George's Creek. It consists of a number of openings in the Pittsburgh or Big Vein coal seam. Ventilation is by natural means and is conducted to the working faces by doors and stoppings.

During the period May 1-December 31, 1922, they employed 10 men, worked 68 days and produced 3,384 tons of coal.

During the calendar year 1923, they employed 9 men, worked 176 days and produced $9,410.16$ tons of coal

## ARCH MICHAELS COAL COMPANY <br> Arch Michaels Mine Foreman.

No. 1 Mine is an opening in the Bakerstown seam located about $11 / 4$ miles above Reynolds on Mill Run. Ventilation is by natural means and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 18 men, worked 18 days and produced 5,000 tons of coal.

During the calendar year 1923, they employed 4 men, worked 62 days and produced 500 tons of coal.

## EZRA MICHAELS COAL COMPANY <br> Ezra Michaels <br> $\qquad$ Mine Foreman.

This is an opening in the Bakerstown seam located $11 / 2$ miles above Reynolds on Mill Run. Ventilation is produced by a fan driven by a gasoline engine and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 3 men, worked 83 days and produced 956 tons of coal.

During the calendar year 1923, they employed 3 men, worked 207 days and produced 2,364 tons of coal.

$$
\begin{gathered}
\text { SUPPLY COAL COMPANY } \\
\text { Joseph Robertson }
\end{gathered}
$$

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

During the period May 1-December 31, 1922, they employed 5 men, worked 64 days and produced 935 tons of coal.

During the calendar year 1923, they employed 3 men, worked 57 days and produced 400 tons of coal.

## SMITH \& SONS COAL COMPANY

John T. Smith $\qquad$ Mine Foreman.
Smith's Fuel Mine is located at Mt. Savage. It is a drift opening, working the Upper Freeport coal seam.

During the period May 1-December 31, 1922, they employed 3 men, worked 250 days and produced 500 tons of coal.

The mine was abandoned in 1923.

THOMAS J. KELLEY MINE<br>Formerly<br>J. DADDYSMAN

This mine is a drift opening in the Bakerstown seam, located $1 / 2$ mile northeast of Westernport. Ventilation is by natural means.

During the period May 1-December 31, 1922, they employed 4 men, and produced 1,137 tons of coal.

During the calendar year 1923, they employed 1 man, worked 15 days and produced 50 tons of coal.

DONALD COAL MINES, INC.
John Kight $\qquad$ Mine Foreman
Donald Mine is a drift opening in the Bakerstown seam, located near Lauder, on the west side of George's Creek on the C. \& P. Rwy. Ventilation is produced by fan driven by electric motor and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 17 men, worked 22 days and produced 1,434 tons of coal.

During the calendar year 1923, they employed 39 men, worked 350 days and produced $27,914.35$ tons of coal.

## ARCADIA COAL COMPANY

Allan McDonald $\qquad$ Mine Foreman.

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

Cumberland and Pennsylvania Railroad. Ventilation is produced by fan driven by electric motor and if found to be satisfactory. This is a new operation, no coal being shipped during the period covered by this report.

> SHAW MINING COMPANY
> Thomas Smith Mine Foreman.

This mine is an opening in the Franklin seam, located at Moscow, on the C. \& P. R. R. Ventilation is by natural means.

During the calendar year 1923, this mine employed 6 men, worked 39 days and produced 500.80 tons of coal.

## FROSTBURG MINING COMPANY

William Hartman
Mine Foreman.
Frank H. Spates, Mining Superintendent and Foreman.
Spates Mine No. 1 is located at the Old Consolidation Village, about 1 mile west of Frostburg. It is a drift opening working the Pittsburgh coal seam. Ventilation is by natural means and found to be in satisfactory condition.

During the period May 1-December 31, 1922, they employed 7 men, worked 200 days and produced 1,700 tons of coal.

During the calendar year 1923, they employed 6 men, worked 300 days and produced 4,649 tons of coal.

$$
\begin{aligned}
& \text { MIDLAND \& GEORGE'S CREEK COAL COMPANY } \\
& \text { Clarence Fletcher } \\
& \hline-)^{-3}
\end{aligned}
$$

This mine is located at Gilmore, Md., about one mile west of Midland. It is a drift opening, working the Pittsburgh or Big Vein coal seam. Ventilation is by natural means and is found to be in a good condition.

During the calender year 1923, they employed 4 men and produced 442 tons of coal.

## UNION MINING COMPANY

No. 3


Union No. 3 is located at Mt. Savage, working the Maynaidier coal seam. It is a drift opening. Ventilation is produced by elec-
trically driven fan and is conducted to the working faces by doors and stoppings.

During the period May 1-December 31, 1922, they employed 6 men, and produced 400 tons of coal.

During the calendar year 1923 , they employed 12 men, worked 220 days and produced 4,427 tons of coal.

## BRICK YARD MINE

Albert Deffenbaugh $\qquad$ Mine Foreman.

Brick Yard Mine is located at Mt. Savage, Md. It is a drift opening, working the ................................. seam. Ventilation is produced by an electrically driven fan and is found in a satisfactory condition.

During the period May 1-December 31, 1922, they employed 10 men and produced 2,961 tons of coal.

During the calendar year 1923, they employed 9 men, worked 196 days and produced 3,015 tons of coal.

## MOUNTAIN MINE

Joseph Finzel Mine Foreman.

Mountain Mine is located on the Union Mining Company's tram road about 2 miles northeast of Mt. Savage. It is a drift opening. Ventilation is by natural means.

During the calendar year 1923 , they employed 5 men, worked 98 days and produced 1,551 tons of coal.

# CUMBERLAND BIG VEIN COAL COMPANY <br> Conway No. 1 

John W. Kreitzburg $\qquad$ Mine Foreman.

Conway Mine is located about 1 mile east of Eckhart Mines. It is a drift opening working the Pittsburgh or Big Vein coal seam. Ventilation is produced by natural means and is usually found in good condition. There are numerous holes driven to the surface and around the outcrop where the working faces are located. Drainage is by natural means. The roof is dangerous and requires a great deal of timbering to keep it safe.

During the period May 1-December 31, 1922, they employed 11 men, worked 20 days and produced 234 tons of coal.

During the calendar year 1923, they employed 27 men, worked 57 days and produced 2,535 tons of coal.

## GREEN'S COAL COMPANY

A. F. Green $\qquad$ Mine Foreman.
No. 1 Mine is located at Lonaconing on the east side of George's Creek. It is a drift opening, working the Tyson coal seam. Ventilation is produced by an electrically driven fan, and is conducted to the working face by doors and stoppings.

This mine was idle during the period of this report.

## LITTLE PITTSBURGH COAL COMPANY

A. F. Green
Mine Foreman.

This mine is located on the east side of the George's Creek at Lonaconing. It is a drift opening working the Little Pittsburgh coal seam. Ventilation is produced by natural means and is found to be in a satisfactory condition.

During the period May 1-December 31, 1922, they employed 3 men, worked 105 days and produced 576 tons of coal.

During the calendar year 1923, they employed 3 men, worked 60 days and produced 400 tons of coal.

## DOUGLAS WADDELL MINE

Douglas Waddell
Mine Foreman.
This mine is located on the east side of George's Creek at Lonaconing. It is a drift opening, working the Pittsburgh or Big Vein coal sean. Ventilation is by natural means.

During the period May 1-December 31, 1922 they employed 4 men, worked 145 days and produced 942 tons of coal.

During calender year 1923, they employed 3 men, worked 139 days, and produced 1,834 tons of coal.

## BIG VEIN COAL COMPANY OF LONACONING

John L. Casey ...- Mine Foreman.
The Castle Run Mine is located in the west side of George's Creek at Lonaconing. It is a drift opening, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by an electrically driven fan and is conducted to the working faces by doors and stoppings.

During the calender year, 1923, they employed 9 men, worked 200 days and produced $9,436.40$ tons of coal.

MT. SAVAGE MINING COMPANY<br>Joseph Jenkins<br>$\qquad$ Mine Foreman.

The Liberty Mine is located at Mt. Savage. It is a drift opening, working the Maynadier coal seam. Ventiiation is produced by an electrically driven fan and the air current is conducted to the working faces by doors and stoppings.

During the period May 1-December 31, 1922, they employed 61 men, worked 168 days and produced 18,932 tons of coal.

During the calendar year 1923, they employed 53 men, worked 252 days and produced 42,015 tons of coal.

## FROSTBURG BIG VEIN COAL COMPANY

W. H. R. Thomas<br>Mine Foreman.

This mine is located at Zihlman, Md. It has a number of openings in the Big Vein and Tyson coal seams. Ventilation is produced by electrically driven fans.

During the period May 1-December 31, 1922, this mine was idle on account of labor difficulties.

During the calendar year 1923 , the mine was also idle.

## CHAPMAN COAL COMPANY

| John Frenzel | Superintendent. |
| :---: | :---: |
| Randolph Ashby | Mine Foreman. |

Swanton Mines Nos. 1, 2 and 3 are located at Barton on the west side of George's Creek. It is a drift opening, working the Bakerstown, Pittsburgh and Tyson coal seams, and developed on the double-entry system. Ventilation is produced in the Bakerstown Mine by a fan driven by an electric motor. It is conducted to the working faces by doors and stoppings and the air current is generally in a good condition. Ventilation in the Pittsburgh seam is by natural means.

During the period May 1-December 31, 1922, the Bakerstown Mine employed 56 men, worked 1.6 days and produced 2,633 tons of coal.

During the calendar year 1923, the Tyson Mine employed 1 man, worked 160 days and produced 826.56 tons of coal. The Pittsburgh Mine employed 19 men, worked 221 days and produced $12,584.32$ tons of coal. The Bakerstown Mine employed 20 men worked 177 days and produced 11,929.12 tons of coal.

## ADAMS COAL COMPANY

Robert Duncan Mine Foreman.

This mine is located at Midlothian, working the Pittsburgh or Big Vein coal seam. Ventilation is produced by natural means and is found to be in a satisfactory condition.

During the period May 1-December 31, 1922, they employed 32 men, worked 50 days and produced 7,975 tons of coal.

During the calendar year 1923, they employed 30 men, worked 94 days and produced $15,634.08$ tons of coal.

## FAZENBAKER MINE

Earl Fazenbaker $\qquad$ Mine Foreman.

This mine is a drift opening in the Pittsburgh or Big Vein coal seam, and is located 5 miles northeast of Westernport. Ventilation is by natural means and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 4 men, worked 104 days and produced 2,469 tons of coal.

During the calendar year 1923, they employed 2 men, worked 300 days and produced 2,997 tons of coal.

METZ BROS. COAL COMPANY
Walter J. Metz $\qquad$ Mine Foreman.

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

During the period May 1-December 31, 1922, they employed 7 men, worked 120 days and produced 3,730 tons of coal.

During the calendar year 1923, they employed 2 men, worked 250 days and produced 2,800 tons of coal.

## WILKINSON \& SONS COAL COMPANY

Wilkinson's Mine is located near Barton on the west side of George's Creck. It is a drift opening, working the Pittsburgh or Big Vein coal seam.

During the period May 1-December 31, 1922, they employed 4 men and produced 1,289 tons of coal.

During the calendar year 1923, this mine was idle.

## DARBY BRADY COAL MINES

Darby Brady Mine is located near Frostburg. It is a drift opening, working the Tyson coal seam.

During the period May 1-December 31, 1922, they employed 7 men, worked 83 days and produced 1,928 tons of coal.

During the calendar year 1923, this mine was idle.

## JOHN SMITH \& SONS COAL MINES

Leslie Smith $\qquad$ Mine Foreman.

Smith's Fuel Mine is located at Barton on the Hoffa Bros. tram road. It is a drift opening, working the Bakerstown coal seam. Ventilation is produced by a fan driven by a gasoline engine. Drainage is by pumps and is found in a satisfactory condition. The roof is of the usual character overlying the Bakerstown seam and requires lots of timbering.

During the calendar year 1923, they employed 6 men, worked 75 days and produced 1,400 tons of coal.

## SCHRAMM \& DAVIS COAL COMPANY

## Joseph Davis

$\qquad$ Mine Foreman.

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

During the period May 1-December 31, 1922, this mine employed 36 men, worked 85 days and produced 3,007 tons of coal.

During the calendar year 1923, they employed 20 men, worked 110 days and produced $6,200.04$ tons of coal.

## D. A. BENSON

No. 1 Mine
Eugene Stephens $\qquad$ Mine Foreman.

This mine is located on the tram road of the Big Savage Fire Brick Company about $11 / 2$ miles northeast of Zihlman. It is a drift opening working the Freeport coal seam. Ventilation is produced by a fan driven by electric motor. Drainage is by natural means and found in a satisfactory condition.

During the calendar year 1923, they employed 9 men, worked 300 days and produced $3,659.41$ tons of coal.

# PORTER \& KREITSBURG COAL COMPANY 

Porter Mine
Marshall Porter ...................................... Mine Foreman.
Porter Mine is located about 1 mile east of Eckhart Mines. It is a drift opening working the Pittsburg or Big Vein coal seam, Ventilation is by natural means.

During the period May 1-December 31, 1922, they employed 7 men, worked 140 days and produced 4,169 tons of coal.

During the calendar year 1923, they employed 6 men, worked 150 days and produced 2,400 tons of coal.

## FRANKLIN COAL COMPANY

Harry S. Wilson Mine Foreman.

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

During the period May 1-December 31, 1922, Mine No. 1 employed 10 men, worked 30 days and produced 911 tons of coal. Mine No. 2 employed 24 men, worked 30 days and produced 2,754 tons of coal.

During the calendar year 1923, Mine No. 1 employed 10 men, worked 136 days and produced 8,727 tons of coal. Mine No. 2 employed 39 men, worked 136 days and produced 34,245 tons of coal. Mine No. 3 employed 8 men, worked 136 days and produced 4,848 tons of coal.

## J. O. J. GREEN COAL COMPANY

James Riggins $\qquad$ Mine Foreman.

This mine is an opening in the Bakerstown seam. Ventilation is produced by fan driven by gasoline motor. The air current is conducted to the working face by means of doors and stoppings and is found to be satisfactory. Mine is located about $11 / 2$ miles above Reynolds on Mill Run.

During the period May 1-December 31, 1922, they employed 8 men, worked 84 days and produced 849 tons of coal.

During the calendar year 1923, the mine was idle.

# MAYBURY \& HOWARD COAL COMPANY 

## Formerly

W. D. KERN

Edwin Winkler $\qquad$ Mine Foreman.

Kern Mine is a drift opening near Barton in the Bakerstown seam, $1 / 2$ mile above Reynolds on Mill Run: Ventilation is by natural means.

During the period May 1-December 31, 1922, they employed 11 men and produced 2,600 tons of coal.

During the calendar year 1923 , they employed 6 men, worked 80 days and produced 910 tons of coal.

## M. W. RACE COAL COMPANY

M. W. Race $\qquad$ Superintendent.

The Washington Hollow Mine is located near Eckhart Mines. It is a drift opening, working the Pittsburgh or Big Vein seam. Ventilation is by natural means.

During the calendar year 1923, they employed 5 men, worked 63 days and produced 296 tons of coal.

## DESCRIPTION OF CLAY MINES

## SAVAGE MOUNTAIN FIRE BRICK COMPANY

Charles Wolfe $\qquad$ Mine Foreman.

This mine is located about 3 miles northwest of Frostburg. It is a drift opening working the fire clay seam. Ventilation is by natural means and is found to be in a satisfactory condition. Drainage is very difficult, it is, however, kept in good condition.

During the period May 1-December 31, 1922, they employed 21 men, worked 178 days and produced 5,354 tons of clay.

During the calendar year 1923, they employed 18 men, worked 286 days and produced 8,016 tons of clay.

> BIG SAVAGE FIRE BRICK COMPANY Clarence Raley .........................

These mines are located in the Big Savage Mountain about 3 miles northwest of Frostburg. They are drift openings, working
the fire clay seam. Ventilation is produced by a shaft being driven to the top of the mountain and is conducted to the working faces by approved doors and brattices.

During the period May 1-December 31, 1922, they employed 22 men, worked 300 days and produced 9,651 tons of clay.

During the calendar year 1923, they employed 42 men, worked 300 days and produced $20,643.68$ tons of clay.

## THE ANDREW RAMSEY FIRE CLAY COMPANY <br> Henry Lowery <br> Mine Foreman.

Ellerslie Mine is located about 2 miles southwest of Ellerslie and is a drift opening, working the fire clay seam. Ventilation is by natural means and is found to be satisfactory. Drainage is liept in a lawful condition. The roof is of the usual character which overlies the clay seam. It requires a great deal of timbering.

During the period May 1-December 31, 1922, they employed 4 men, worked 228 days and produced 1,920 tons of clay.

During the calendar year 1923, they employed 6 men, worked 260 days and produced 1,457 tons of clay.

UNION MINING COMPANY


Union Mining Company Fire Clay Mines are located about 3 miles west of Mt. Savage, on the Savage Mountain. They are drift openings, working the clay seam. Ventilation is produced by a fan and is conducted to the working faces in a lawful manner. The drainage is by natural means and ditches, and is in fair condition. The roof requires a great deal of timbering.

During the period May 1-December 31, 1922, they employed 42 men and produced 21,237 tons of clay.

During the calendar year 1923, they employed 57 men, worked 205 days and produced 26,462 tons of clay.

# DRESCRIPTION OF MINES IN GARRETT COUNTY, MAY 1 TO DECEMBER 31, 1922; JANUARY 1, 1923, TO DECEMBER 31, 1923. 

## WOLF DEN COAL COMPANY

W. R. Jones

Mine Foreman.
Mine No. 1 is located at Shallmar on the Western Maryland R. R. and is a drift opening, working the Upper and Lower Kittanning coal seams. Ventilation is produced by a large fan driven by an electric motor and is conducted to the working faces by approved doors and stoppings in a lawful manner. Drainage and timbering is well looked after. The general condition of the mine is good.

During the period May 1-December 31, 1922, they employed 130 men, worked 168 days and produced 48,993 tons of coal.

During the calendar year 1923, they employed 124 men, worked 109 days and produced 108,479 tons of coal.

## TROUT COAL COMPANY

T. H. Wilson ...-.... Operator and Mine Foreman.

Mines Nos. 1 and 2 are located at Vindex, on the Chaffee Branch Railroad, working the Kittanning and Clarion coal seams respectively.

The Clarion coal seam was not operated during the period of this report.

During the period May 1-December 31, 1922, they employed 22 men, worked 76 days and produced 5,768 tons of coal.

During the calendar year 1923, they employed 23 men, worked 107 days and produced $5,619.04$ tons of coal.

HAMILL COAL \& COKE COMPANY
J. J. Walker $\qquad$ Mine Foreman.
(Mine No. 1 working Kittanning seam.)
C. Roy Gough $\qquad$ Mine Foreman.
(Mine No. 2 working Freeport seam)
Hamill Coal and Coke Co.'s Mines No. 1 and 2 are located about 1 mile south of Kitzmiller on the main ine of the Western Maryland Railroad. The mines consist of two drift openings working the Kittanning and Freeport seams of coal. Ventilation is produced by fan and is conducted to the working faces by doors
and stoppings. Drainage is difficult but is kept in a lawful condition.

During the period May 1-December 31, 1922, they employed 92 men, working 63 days, and produced 11,158 tons of coal.

During the calendar year 1923, the Hamill Six Foot Mine employed 87 men, worked 203 days and produced $64,215.20$ tons of coal. Hamil Four Foot Mine employed 36 men, worked 203 days and produced $21,356.16$ tons of coal.

## MANOR COAL COMPANY

Mine No. 1

| J. A. Cook $\cdot+\quad$ Mine Foreman. |
| :--- |
| Ben Harvey |

Mine No. 1 is located at Vindex on the Chaffee Road about 3 miles east of Kitzmiller. It is a drift opening working the Upper Kittanning coal seam. Ventilation is produced by electrically driven fans and is conducted to the working faces in a lawful manner. It requires a lot of timbering on account of the soft-natured roof. Drainage is well looked after.

During the period May 1-December 31, 1922, they employed 55 men, worked 40 days and produced 5,704 tons of coal.

During the calendar year 1923, they employed 86 men, worked 65 days and produced 25,603 tons of coal.

## MANOR COAL COMPANY

|  | Mine No. 2 |
| :--- | :--- |
| Carmela Rizza |  |
| Riley Yokum |  |

Mine No. 2 is located at Vindex on the Chaffe Road about 3 miles east of Kitzmiller. It is a drift opening working the Clarion seam of coal. Ventilation is produced by an electrically driven fan and is conducted to the working faces in a lawful manner. It requires a lot.of timbering on account of the soft-natured roof. Drain age is well looked after.

During the period May 1-December 31, 1922, this mine employed 40 men, worked 60 days and produced 9,092 tons of coal.

During the calendar year 1923, they employed 67 men, worked 150 days and produced 40,561 tons of coal.

## PENDERGAST \& ASHBY COAL COMPANY

Everett Casteel
Mine Foreman.
Mines Nos. 1 and 2 are located near Crellin on the Kendall Branch Railroad. It is a drift opening, working the Lower Kittanning coal seam. Ventilation is produced by a fan driven by a gasoline motor, and is found to be in a very satisfactory condition.

During the period May 1-December 31, 1922, they employed 2.8 men, worked 126 days and produced 13,478 tons of coal.

During the calendar year 1923, they employed 16 men, worked 129 days and produced 4,584 tons of coal.

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

L, R. Kight
Mine Foreman.
Luther Evans
Mine Foreman.
J. P. Guy ... Mine Foreman.

The mines of this Company are located near Bloomington on a branch of the Western Maryland Railway. They are drift openings, working the Upper Kittanning and Bakerstown coal seams. Ventilation is produced by a fan driven by electric motor and is conducted to the working faces in a lawful manner.

During the period May 1-December 31, 1922, the Bakerstown Mine No. 2 employed 50 men, worked 160 days and produced 39,851 tons of coal. Mine No. 3 employed 21 men, worked 160 days and produced 11,275 tons of coal. Mine No. 6 employed 26 men, worked 160 days and produced 16,898 tons of coal.

During the calendar year 1923, Mine No. 2 employed 66 men, worked 250 days and produced $57,014.78$ tons of coal. Mines Nos. 1, 3, 4, 5 and 6 employed jointly 57 men and produced 40,790.40 tons of coal. All these openings are in Upper Kittanning coal seam.

## BLAINE MINING COMPANY

George Boyd George Campbell Superintendent. Mine Foreman.

Mines Nos. 1 and 2 are located at Potomac Manor on the west side of the Potomac River on the main line of the Western Maryland Railway. They are drift openings, working the Lower Kittanning coal seam and are developed on the double-entry system. Ventilation is produced by a $12-\mathrm{ft}$. fan and conducted to the working faces in a lawful manner by doors and stoppings. Drainage is kept in a lawful condition by means of ditches.

During the period May 1-December 31, 1922, they employed 85 men, worked 43 days and produced 17,362 tons of coal.

During the calendar year 1923, they employed 97 men, worked 118 days and produced 54,639 tons of coal.

GARRETT COUNTY COAL \& MINING COMPANY<br>John Amtower ..................................... Mine Foreman.

Dodson Mines Nos. 1, 3, 6 and 7 are located at Dodson on the main line of the Western Maryland Railway. It consists of four drift openings, working the Kittanning coal seams. Ventilation is produced by approved fans and the air is conducted to the working faces in a lawful manner. The roof is of the usual character which overlies the Lower Kittanning Seam and therefore requires a great deal of timbering.

During the period May 1-December 31, 1922, they employed 108 men, worked 59 days and produced 20,981 tons of coal.

During the calendar year 1923, they employed 98 men, worked 122 days and produced $54,745.79$ tons of coal.

## DAVIS COAL \& COKE COMPANY

| John B. Watkins | Mine Foreman. |
| :---: | :---: |
| Oscar Wolfe | Mine Foreman. |

No. 42 Mine is located at Kempton. This is a shaft opening, working the Lower Kittanning coal seam. Ventilation is produced by an approved fan, driven by an electric motor. It is conducted to the working faces by approved overcasts, door's and stoppings, and the air conditions are good. Drainage is kept in a lawful condition by means of pumps.

During the period May 1-December 31, 1922, they employed 126 men, worked 50 days and produced 22,999 tons of coal.

During the calendar year 1923, they employed 147 men, worked 179 days and produced 140,152 tons of coal.

## W. A. PRICE COAL COMPANY

Roy Butts $\qquad$ Mine Foreman.

Caldwell Mine is located at Gorman on the main line of the Western Maryland Railway. It is a drift opening, working the Freeport coal seam. Ventilation is produced by a fan driven by a steam engine and is found satisfactory.

During the period May 1-December 31, 1922, they employed 21 men, worked 61 days and produced 5,595 tons of coal.

During the calendar year 1923, they employed 22 men, worked 102 days and produced 6,058 tons of coal.

## W. D. ALTHOUSE \& COMPANY

H. A. Flanagan

Mine Foreman.
W. D. Althouse and Company's Georgian Mine is located about 1 mile west of Gorman. It is a drift opening working the Freeport coal seam. Ventilation is produced by a fan driven by an electric motor and is conducted to the working faces in a lawful manner.

During the period May 1-December 31, 1922, they employed 35 men, worked 108 days and produced 17,526 tons of coal.

During the calendar year 1923, they employed 46 men, worked 223 days and produced 30,520.16 tons of coal.

MEYERS COAL COMPANY
William Baker
Mine Foreman.
Norman Patton Mine Foreman.

Beachy Mine is located about $1 / 2$ mile west of Grantsville. It is a drift opening, working the C-Prime coal seam. Ventilation is by natural means and complies with the law.

During the period May 1-December 31, 1922, they employed 8 men, worked 155 days and produced 4,324 tons of coal.

During the calendar year 1923, they employed 9 men, worked 247 days and produced 10,811 tons of coal.

## C. E. STANTON COAL COMPANY

C. E. Stanton $\qquad$ Mine Foreman.

This mine is located at Jennings on the Jennings Branch Railroad.

During the period May 1-December 31, 1922, they employed 1 man, worked 20 days and produced 40 tons of coal.

During the calendar year 1923, they employed 1 man, worked 90 days and produced 270 tons of coal.

## MORGART COAL MINING CORPORATION

Q. E. Ripley
Archie Stewart
R. J. Kyle
Mine Foreman.
Mine Foreman, No. 1.

Morgart Coal Mining Corporation, Nos. 1, 2, 3 and 4 Mines, are located about one mile west of Jennings, on the Jennings Branch
R. R., working the Bakerstown and Upper Freeport coal seams. Ventilation is produced by fans driven by gasoline motors, and is found in a satisfactory condition.

During the period May 1-December 31, 1922, Mine No. 1 employed 12 men, worked 100 days and produced 2,913 tons of coal. Mine No. 2 employed 16 men, worked 150 days and produced 3,429 tons of coal. Mine No. 3 employed 14 men, worked 150 days and produced 2,136 tons of coal.

During the calendar year 1923, Mine No. 1 employed 29 men, worked 125 days and produced $7,424.46$ tons of coal.

R. W. MILLER COAL MINES<br>R. W. Miller<br>$\qquad$ Mine Foreman.

This mine is located about 3 miles northwest of Grantsville on the Jennings Branch Railroad. It is a drift opening, working the Bakerstown coal seam. Ventilation is by natural means.

During the period May 1-December 31, 1922, they employed 7 men, worked 107 days and produced 1,516 tons of coal.

During the calendar year 1923, they employed 6 men, worked 42 days and produced 457.33 tons of coal.

## BILLMEYER COAL COMPANY

Ray Billmeyer $\qquad$ Mine Foreman.

This mine is located on the Jennings Railroad near Jennings. It is a drift opening, working the Bakerstown coal seam. Ventilation is produced by natural means.

During the period May 1-December 31, 1922, they employed 17 men, worked 114 days and produced 3,197 tons of coal.

During the calendar year 1923, they employed 16 men, worked 9 days and produced 296.20 tons of coal.

## GEORGE HOOVER COAL COMPANY

Roy Wilburn $\qquad$ Mine Foreman.

Hoover Mine is located at Jennings on the Jennings Branch Railroad. It is a drift opening, working the Honeycomb coal seam. Ventilation is produced by a fan driven by a gasoline motor, and is found satisfactory.

During the period May 1-December 31, 1922, they employed 10 men, worked 181 days and produced 2,653 tons of coal.

During the calendar year 1923, they employed 10 men, worked 48 days and produced 365.60 tons of coal.

# McCULLOUGH COAL CORPORATION 

McCullough Mine
Chris. Roberts ._- Mine Foreman.

McCullough Mine is located at Friendsville. It is a drift opening, working the Kittanning coal seam. Ventilation is produced by an electrically driven fan and is conducted to the working faces by doors, stoppings and overcasts, and is usually in very good condition.

During the period May 1-December 31, 1922, they employed 28 men, worked 168 days and produced 12,520 tons of coal.

During the calendar year 1923, they employed 26 men, worked 144 days and produced 29,530 tons of coal.

$$
\begin{aligned}
& \text { ABERDEEN COAL COMPANY } \\
& \text { Charles Ullery }
\end{aligned}
$$

Steyer Mine is an opening in the Kittanning seam located on the Western Maryland Railway at Steyer. Ventilation is produced by a fan driven by a gasoline motor conducted to the working face by the use of doors and stoppings, and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 25 men, worked 60 days and produced 3,000 tons of coal.

During the calendar year 1923, they employed 15 men, worked $211 / 2$ days and produced $2,391.20$ tons of coal.

$$
\begin{aligned}
& \text { POTOMAC RIVER COAL COMPANY } \\
& \text { Thomas Walsh } \\
& \text { Mine Foreman. }
\end{aligned}
$$

Hill Top Mine is an opening in the Freeport seam located on the Western Maryland Railway near Steyer. Ventilation is produced by a fan driven by a gasoline motor and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 14 men, worked 150 days and produced 3,000 tons of coal.

During the calendar year 1923, this mine was idle.

## HUBBARD COAL MINING COMPANY

This mine is located on the main line of the Western Maryland Railway and is a drift opening in the Lower Kittanning coal seam. Ventilation is produced by fan, driven by electric motor, and is found to be satisfactory.

This mine was idle during the period of this report.

# POTOMAC VALLEY COAL COMPANY <br> Louise Mine <br> James Smith Mine Foreman. 

Louise Mine is located on the Chaffe Branch Railway. It is a drift opening working the Lower Kittanning coal seam. Ventilation is by furnace and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 8 men, worked 51 days and produced 1,670 tons of coal.

During the calendar year 1923, they employed 10 men, worked 40 days and produced $1,019.98$ tons of coal.


This mine is a drift opening in the Freeport Seam, located 1 mile east of Blaine, W. Va., on the Western Maryland Railway. Ventilation is produced by a 12 -ft. fan driven by a steam engine and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 49 men, worked 62 days and produced 11,147 tons of coal.

During the calendar year 1923, they employed 50 men, worked 171 days and produced $13,466.10$ tons of coal.

## ELK RUN COAL COMPANY

Elk Run Mines Nos. 1 and 3 are located at Barnum on the west side of the Potomac River, on the main line of the Western Maryland Railway. They are drift openings, working the Bakerstown and Lower Kittanning coal seams. Ventilation is produced by fans driven by a steam engine, and is found satisfactory.

These mines were idle during the period of this report.

## BUTT AND BUTT COAL COMPANY

S. E. Butt $\qquad$ Mine Foreman.

Butt's Mine is located near Oakland and is a drift opening. Ventilation is by natural means.

During the calendar year 1923, this mine employed 8 men, worked 4 days and produced 109 tons of coal.

# BLOOMINGTON COAL COMPANY <br> Charles Warnick <br> Mine Foreman. <br> John Tibbett Mine Foreman. 

Mine No. 7 is an opening in the Kittanning or Davis Six-Foot seam on the main line of the B. \& O. Railroad near Bloomington. Ventilation is produced by a furnace and the air is conducted to the working faces by doors and brattices, and is found satisfactory.

During the period May 1-December 31, 1922, they employed 17 men, worked 90 days and produced 4,597 tons of coal.

During the calendar year 1923, they employed 14 men, worked 120 days and produced 7,280 tons of coal.

## G. C. PATTISON

Geo. Brandlen Mine Foreman. Russell Pattison Mine Foreman

Pattison Mines Nos. 1 and 2 are drift openings in the Bakerstown and Kittanning coal seams located near Bloomington on the nıain line of the B. \& O. R. R. Ventilation is by natural means.

During the period May 1-December 31, 1922, they employed 22 men, worked 35 days and produced 3,224 tons of coal.

During the calendar year 1923, they employed 26 men, worked 40 days and produced 3,507 tons of coal.

## YOUGH COAL COMPANY

Dorsey Ashby $\qquad$ Mine Foreman.

Yough No. 1 is a drift opening in the Clarion seam located near Crellin on the Kendall Railway. Ventilation is produced by a fan driven by a gasoline engine, and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 13 men, worked 123 days and produced 8,557 tons of coal.

During the calendar year 1923, they employed 11 men, worked 67 days and produced 3,655 tons of coal.

$$
\begin{aligned}
& \text { CASS COAL COMPANY } \\
& \text { William Kinsley } \ldots-x_{0}
\end{aligned}
$$

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

During the period May 1-December 31, 1922, they employed 14 men, worked 62 days and produced 5,529 tons of coal.

During the calendar year 1923, they employed 14 men, worked 15 days and produced 1,676 tons of coal.

## STANDARD COAL COMPANY

W. W. Harvey Mine Foreman.

Standard No. 1 is a drift opening in the Clarion seam located on the Chaffee Branch Railway 1 mile east of Chaffee. Ventilation is produced by a fan driven by gasoline engine and is conducted to the face by the use of doors and stoppings and found to be satisfactory.

During the period May 1-December 31, 1922, they employed 36 men, worked 40 days and produced 2,269 tons of coal.

During the calendar year 1923, they employed 19 men, worked 170 days and produced $9,487.52$ tons of coal.

## TRI-STATE CONSOLIDA'EED COAL COMPANY <br> Simon Durst ................................................ Foreman.

Tri-State No. 1 is located near Jennings, on the Jennings Branch Railroad. It is a drift opening, working the Bakerstown or Honeycomb coal seam. Ventilation is produced by a fan driven by a steam engine, and is conducted to the working faces in a lawful manner.

During the period May 1-December 31, 1922, they employed 16 men, worked 85 days and produced 3,377 tons of coal.

During the calendar year 1923, they employed 16 men, worked 75 days and produced $1,395.73$ tons of coal.

> M. \& M. COAL COMPANY
> Yoder Mine

Hugh C. McMahon Mine Foreman.

Yoder Mine is located about 1 mile east of Grantsville, It is a drift opening, working the Freeport coal seam. Ventilation is by natural means.

During the period May 1-December 31, 1922, they employed 6 men, and produced 585 tons of coal.

During the calendar year 1923, they employed 5 men, worked 180 days and produced 2,000 tons of coal.

## MARYLAND SMOKELESS FUEL COMPANY <br> Christian Yommer Mine Foreman.

Yommer Mine of the Maryland Smokeless Fuel Company is located near Jennings, on the Jennings Branch Railroad. It is a drift opening, working the Bakerstown or Honeycomb coal seam. Ventilation is produced by a fan driven by a gasoline motor.

During the period May 1-December 31, 1922, this mine was idle.

During the calendar year 1923, they employed 9 men, worked 30 days and produced 409 tons of coal.

## McKANWIG COAL COMPANY

David McKinley Mine Foreman.

Nethkin Mine is a drift opening in the Freeport coal seam, located $1 / 2$ mile east of Bayard, W. Va., and developed on the double-entry system. Ventilation is produced by a fan driven by gasoline engine and conveyed to the working faces by doors and stoppings, and is found to be satisfactory.

During the period May 1-December 31, 1922, they employed 22 men, worked 156 days and produced 11,349 tons of coal.

During the calendar year 1923, they employed 22 men, and produced 8,560 tons of coal.

$$
\begin{gathered}
\text { TABLE ROCK COAL COMPANY } \\
\text { George Moreland ...- }
\end{gathered}
$$

This mine is a drift opening in the Kittanning seam located 5 miles from Gorman, Md. It is a fuel mine.

During the calendar year 1923, they employed 5 men and produced 1,360 tons of coal.

## LOST HOPE MINE

This mine is located near Oakland. It is a drift opening, working the Kittanning seam of coal. Ventilation is natural. It is a fuel mine.

During the calendar year 1923, they employed 2 men and produced 427 tons of coal.

## A. G. SHROUT

This is an opening located 3 miles west of Oakland. Ventilation is by natural means. It is a fuel mine.

During the calendar year 1923, they employed 1 man and produced 536 tons of coal.

## U. M. STANTON COAL MINES

U. M. Stanton $\qquad$ Mine Foreman.

This mine is located on the Jennings Branch Railway near Jennings. It is a drift opening, working the Honeycomb or Bakerstown coal seam.

During the period May 1-December 31, 1922, this mine employed 6 men, worked 115 days and produced 2,400 tons of coal.

## MELVIN WEIMER

Melvin Weimer $\qquad$ Mine Foreman.

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

During the calendar year 1923, they employed 12 men, worked 184 days and produced 1,902 tons of coal.

## GEORGE E. SLOAN FUEL MINE

Geo. E. Sloan
Mine Foreman.
This mine is located near McHenry, Md. It is a drift opening working the Kittanning coal seam. Ventilation is by natural means.

During the calendar year 1923, they employed 3 men, and produced 398.12 tons of coal.

## EXAMINATIONS FOR MINE FOREMEN, ASSISTANT MINE FOREMEN AND FIRE BOSSES

The first examination for mine foremen, assistant mine foremen and fire bosses, under the new mining law, was held in the Opera House at Frostburg, Allegany County, Maryland, from January 23 to 27, 1923. At this examination in accordance with the law, service certificates were issued to those mine foremen, assistant mine foremen and fire bosses who were acting as such when the law went into effect on October 1, 1922, and who did not wish to take the examination for Certificates of Competency.

A number of mine foremen, assistant mine foremen, fire bosses and miners took the written and oral examinations for Certificates of Competency. The following candidates passed and were awarded certificates of the character indicated:

CERTIFICATES OF COMPETENCY
1st Class

| Name | Number | Located |
| :---: | :---: | :---: |
| Cole, Samuel Joseph | 11. | Kitzmiller, Md. |
| Gamble, Albert Edward |  | Shallmar, Md. |
| Gough, C. Ray. |  | Kitzmiller, Md. |
| Hartley, Wm. McKinley. |  | Kitzmiller, Md. |
| James, Joseph Brooks | 28 | Shallmar, Md. |
| Jones, William R. | 29 | Shallmar, Md. |
| Marshall, Howard Alson | 37. | Shallmar, Md. |
| Means, Sheridan | 38 | M.t. Savage, Md. |
| Richardson, Thoma | 43 | Frostburg, Md. |
| Watkins, John B. | 50 | Kempton, Md. |
| Wolfe, Oscar Floy | 53 | Kempton, Md. |
| Powers, Frank T | 75 | Frostburg, Md. |
| Moore, Victor O | 93 | Kempton, Md. |
| Wilk, John Fran |  | Kempton, Md. |
| McIntyre, Claude | 114 | Shallmar, Md. |
| Brophy, William | 123 | Westernport, Md. |

## CERTIFICATES OF COMPETENCY 2nd Class

| Name | Number | Located |
| :---: | :---: | :---: |
| Anthony, Gershon M | 2 | Frostburg, Md. |
| Ashby, Stanley |  | Crellin, Md. |
| Ashby, Dorsey T" | 5. | Crellin, Md. |
| Brown, James P. | 7. | Westernport, Md. |
| Guy, Joseph P. | 22 | Westernport, Md. |
| Kight, Lewis Russell. | 33 | Piedmont, W. Va. |
| Walker, Jesse Jonathan | 48 | Kitzmiller, Md. |
| McGeady, Michael A. | 63 | Midland, Md. |
| Quinn, J. Frank... | 73 | Lonaconing, Md. |
| O'Rourke, Martin T |  | Westernport, Md. |
| Brophy, William Joseph | 96 | Westernport, Md. |
| Shannon, Edgar W. ........ | 113 | Frostburg, Md. |
| Wallace, John D... | 125. | Nikep (Pekin), Md. |
| Hitchins, Harry Clifton | 129 | Frostburg, Md. |
| Todd, Joseph | 131 | Lonaconing, Md. |

## SERVICE CERTIFICATES

Name



## SERVICE CERTIFICATES

## Assistant Mine Foremen

## Name

| Carter, Frank W |  | Mines, Md. |
| :---: | :---: | :---: |
| Evans, Luther | 16 | Luke, Md. |
| Firlie, Frank | 18 | Midland. Md. |
| Griffith. William | 21. | Frostbure, Md. |
| Hyde, Chester Arthur | 27 | Barton, Md. |
| Kidwell, John Hetzel. | 31. | Eckhart Mines, Md. |
| Kinney, Patrick J. | 34 | Frostburg, Md. |
| Lemon, William M | 35 | Dodson, Md. |
| Robertson, John D | 44 | Lonaconing, Md. |
| Zavadny, Steve ...... | 55. | Lord. Md. |
| Dugan, William | 57 | Frostburg, Md. |
| Hawkins, Richard | 62 | National, Md. |
| Bushe, Peter. | 64 | Ocean. Md. |
| Siebert, John Jacob | 70 | Eckhart Mines, Md. |
| Todd, Robert K. | 76 | Lonaconing. Md. |
| Huber, Oscar C. | 77 | Frostburg, Md. |
| Laird, David C. | 83 | Lonaconing. Md. |
| Foley, Atlee B. | 86 | Piedmont, W. Va. |
| Rice, Elmer M. | 89. | Zihlman, Md. |
| Martin, John J. | 90 | Midland, Md. |
| Farraday, William | 112 | Mt. Savage. Md. |
| Taylor, James | 116 | Frostburg, Md. |
| Diehl, George Edwar | 117 | Frostburg, Md. |
| Bradley, Benj. T. | 119 | Frostburg, Md. |
| Grazio, Battisto | 122 | Franklin. Md. |
| Ashby, Randolph M. | 124 | Nikep, Md. |
| Kinney, Frank Franci | 126 | Westernport, Md. |
| Deffenbaugh, Albert | 128 | Mt. Savage. Md. |
| Tipping, John | 134 | Frostburg, Md. |
| Bridges, George A. | 138. | Mt. Savage, Md. |


| Fatkin, John | ...145 | dlothian, Md |
| :---: | :---: | :---: |
| Schramm, Daniel J. | 148 | Barton, Md. |
| Jenkins, James. | 149 | Frostburg, Md. |
| Henry, Raymond Ear | 170 | .Vale Summitt |
| Emerson, Davi |  | .Frostburg, Md. |

## SERVICE CERTIFICATES

1st Class
Name Number Located


FIRE BOSS CERTIFICATES

| Name | Number | Located |
| :---: | :---: | :---: |
| King, Grant | 181 | Kempton, Md. |
| Rosenthal, Joseph | 182 | Kempton, Md. |

## NIGHT MINING CLASSES

On September 10, 1923, under the direction of Vocational Mining Instructor L. C. Hutson, night mining classes were established at Barton, Mt. Savage and Frostburg in Allegany County, and at Dodson and Kitzmiller in Garrett County.

Classes were held at Barton on Monday evening, Kitzmiller on Tuesday evening, Dodson on Wednesday evening, Mt. Savage on Thursday evening and Frostburg on Friday evening.

The enrollment of the Barton class was 76, Dodson class 30, Kitzmiller class 37, Mt. Savage class 37, and of the Frostburg class 185, the total enrollment being 315 . The work was continued throughout the remainder of the year.

All classes of mine labor were employed, ranging from miners working at the face, through trappers, drivers, electricians, foremen, assistant foremen, fire bosses to superintendents and operators.

This work is conducted under an informal agreement between the State Board of Education, the County Board of Education of Allegany County, the University of Maryland, the Maryland Bureau of Mines and the Federal Board for Vocational Education. Under this arrangement the Maryland Bureau of Mines has paid half of the instructor's salary for the first year and all of his expenses, the Federal Board for Vocational Education paying the remaining half of his salary.

Volunteer instructors gave the students instruction in arithmetic in the classes at Mt. Savage, Barton and Frostburg.

## PROSECUTIONS

On November 16th, 1923, four miners were fined $\$ 3.00$ each, the costs in the case, for violation of the clause in Section 148 of the Maryland Mining Law, which prohibits the shooting of coal off the solid.

## SAFETY ORDERS

On July 21, 1923, a Safety order was issued and served upon an operator in order to force the installment of a fan. The operator installed the fan before prosecutions were begun.

## MINE RESCUE AND FIRST AID

During the latter part of 1923 a Mine Rescue Station was installed at Westernport. In this Rescue Station there are six (6) Oxygen Breathing Apparatus, an Oxygen Pump with the requisite oxygen cylinders, cartridges for the breathing apparatus, fittings, etc. Instruction was given by the U.S. Bureau of Mines Rescue Car 7 both in mine rescue and first aid.


[^0]:    Name-J. B. Cosner. Address-Vindex, Md.
    Age-35 years.
    Nationality-American.
    Married-Yes.
    Inspector-Frank T. Powers.

[^1]:    R. J. Ross Coal Mines, Inc.

    Standard Coal Company
    Cass Coal Company
    Table Rock Coal Company
    Yough Coal Company
    Wolf Den Coal Company, Inc.
    Billmeyer Coal Company
    W. D. Althouse \& Company
    W. A. Price Coal Company

    Tri-State Consolidated Coal Company.
    A. G. Shrout

