

ANNUAL REPORT
OF THE
MINE INSPECTOR

FOR
Allegany and Garrett Counties, Maryland

Covering the Period from
January 1, 1902, to May 1, 1903

JAMES P. CARROLL, Mine Inspector



MIDLAND:
THE MIDLAND PRESS
1903



Med Dept.
7/13/03

Md.
XTL 805
M 343
1902/03

Md.
~~ON 805~~
~~M 3~~
~~1902/03~~

Letter of Transmittal

OFFICE OF JAMES P. CARROLL, *Mine Inspector.*

MIDLAND, MD., *May 1, 1903.*

By transfer

NOV 13 1919

To HIS EXCELLENCY, JOHN WALTER SMITH, *Governor of Maryland.*

SIR:—I have the honor to submit herewith my third report as Mine Inspector for Allegany and Garrett Counties.

This report embraces the year 1902 and the first four months of the present year, in compliance with the requirements of Chapter 124 of the Acts of the Assembly of 1902, January session. Very respectfully,

JAMES P. CARROLL, *Mine Inspector.*

GIFT
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Mine Inspector's Report, 1902

The year 1902 was not so prosperous as had been expected, on account of scarcity of facilities on the part of the railroads during the latter part of the year. The same condition prevails to a certain extent as yet, but not so badly as during the past fall.

There has been mined during 1902 in Allegany County 4,605,526.19 tons, and in Garrett County 328,211.02 tons of coal.

In Garrett County three new mines have been put in operation; in Allegany County, four. These include only mines opened in another vein that had been formerly worked by the operating company, or by a new company in the region.

Further on in my report I will go more into detail concerning new openings.

The first of April this year the operators advanced the price of mining ten cents per ton; all other labor was also given an advance. While in some cases drivers and other laborers felt that they were entitled to a greater advance than has been given them, yet at no time was any serious protest made, and generally the operators and employees are getting along very agreeably.

Since the Mine Inspection Law passed at the recent session of the Legislature went into effect there has been a decided effort on the part of the operators (with a few exceptions) to comply with all the requirements of the law.

That the law has been a decided benefit will, I am sure, be generally admitted by miners and mine foremen, because heretofore few if any foremen knew just how much air was circulating in different parts of the mine, and consequently less attention had been paid to it.

I am sorry to say I found it impossible to enforce the provision of the law which prohibited the burning of any oil in the mines unless it contained seventy-five per cent. pure lard. The general reason given by violators was, they could not secure good oil.

While it might be claimed that I should have taken the names of some parties and presented them to the Grand Jury, I felt I would not be acting fairly or justly to select some few from so many. Fully four-fifths of those employed in the mines are equally guilty.

I believe this section of the law can be improved by prohibiting any merchant, operator or other person from selling or giving oil below a certain standard.

The section which prohibits persons from riding on or against any loaded car in or about the mine should, in my opinion, be amended so that it will only prohibit persons from riding up or down slopes or other places where they would have no chance to save themselves from injury should an accident occur to the machinery, ropes or other apparatus connected with the getting out of coal.

Section 209L of Article 1 and Section 164K of Article 12 should be simplified and made to say what it really means. The section, in my opinion, means that where fans are in use a water gauge must be used, and a daily record kept of the measurements which the gauge shows. There are twenty-four fans in operation in the two counties, and at only three fans have water-gauges (to show the ventilating pressure of air) been placed.

It will be noticed that the number of openings is increasing rapidly, and as most of them are in the smaller veins of coal, it is almost impossible to make the number of visits required by law; besides, when fans are used and their running speed decreased or stopped entirely where the mine is not working, it is a very difficult matter for the Inspector to make a satisfactory examination, frequently requiring two or three days when one should have been sufficient.

While the area of big-vein coal in the region is decreasing the smaller veins are being rapidly developed. This is particularly the case with what is locally known as the Tyson vein. There is a large area of this seam along Georges Creek, and practically none of it has been taken out.

It is generally expected that the Mine Inspector's report shall include statistics as to output, number of days worked, number of employees and their occupations in the mines, number outside, and the various matters concerning which the people of the State have a right to be informed. The law does not oblige any person to furnish this information, and no person can give it with any degree of accuracy except the superintendents and foremen. While in my inquiries I have been treated with the greatest courtesy by nearly every person connected with the management of the mines, still there is much to be desired. I would suggest that a law be passed, providing that the State furnish the Inspector necessary blanks for the collection of the statistical information desirable; that upon these blanks appear the following questions, which the superintendent or foreman be required to answer truthfully:

- Date on which measurements of air were taken.....
- Where measurements were taken.....
- Number of cubic feet of air circulating (per minute).....
- Average number of men in mine last week.....
- Average number of miners employed last week.....
- Average number of drivers employed last week.....
- Average number of laborers employed last week.....
- Average number of horses or mules.....
- Average number of locomotives.....
- Number of boys less than sixteen years of age employed in the mine.....
- Number of outside employees.....

With such other information as the Mine Inspector may find necessary.

The present law so circumscribes the authority of the Mine Inspector that he is greatly handicapped in enforcing the law. For instance, the law provides that no oil shall be burned unless it is up to a certain standard. If the Inspector found a person burning turpentine he has not the authority to close that place or to oblige that party to cease work immediately. He, the Inspector, must wait until the Grand Jury meets and be summoned before that body. He ought to have the authority to close a mine or part of a mine that is not properly ventilated, and have it remain closed until he is satisfied that the law is, or will be, complied with.

The smaller veins are being opened, and there is no doubt they will be worked. With proper legislation to begin with, they will be a source of revenue to the State and a decided benefit to the people generally. Had the owners or operators in this region been as careful of their coal thirty or thirty-five years ago as those who have been operating during the past ten or fifteen years there would have been many thousands of tons of coal saved, which now is lost. The operator today recognizes the necessity of furnishing a sufficient quantity of pure air to the miner, and in drawing his plans ventilation is among the first considerations; whereas a generation ago it was only secondary. There has been no "fire-damp" in the past, nor none at present. There was and now is no "fire-damp" in this region, and a man can work in considerable "black-damp," or where air is vitiated, without feeling at the time that he is being injured; and until the law gives the Inspector the power to close a working place miners will be found to work, and foremen and their assistants will be known to induce them to work in "black-damp," for the sake of getting their coal easier, or for some other purpose.

While I have from time to time heard complaints about weights and given them all the consideration I could, I am satisfied that the scales at the different mines are correct, and if there is anything wrong being done it is by the weighmaster, who is sworn to credit all coal correctly. There is no way I can suggest to stop these complaints except by placing a check-weighman at the scales, and the law already provides for that.

I have had many applications for copies of the mining law, and have been unable to accommodate the many applicants. I notice that other States have had their mining laws printed with the Inspector's report, and believe it would be a source of much satisfaction if the same thing was done in this State.

Following will be found a description of the various mines, the names of persons injured, the date, cause and nature of injuries. I have been unable to get the age in every case, but have given details so far as I have been able to secure them.

The usual tables will also be found. These are not so complete as I had hoped to make them, but it is the best that could be done.

DESCRIPTION OF MINES ALLEGANY COUNTY

CUMBERLAND BASIN COAL COMPANY.
John Maurice, Superintendent.

This company during the year 1902 purchased considerable property in and around Burrellville, Allegany County. They have opened a slope and drift. On the occasion of the only visit I made there were six men working in the mine cleaning up old places and driving one heading. There has been no coal shipped, the dump not being completed. This place does not yet come under the provisions of the law.

UNION MINING COMPANY.
Henry Shriver, Superintendent.

FIRE CLAY MINE, JAMES FINDLAY, *Foreman.*

These mines are situated four and three-eighths miles from the brick works known as the Mt. Savage Fire Brick Works. The clay is brought down a plane one and three-eighths miles in length and run down a tramway three miles in length. The empty cars are brought from the works to foot of the incline by a small steam engine. There has been nothing but pillars worked during the last three years.

There are two openings, the upper a short distance above the boundary of Allegany County. On the occasion of my first visit I considered the place poorly ventilated. They de-

pended altogether upon natural ventilation, except an open furnace, which was situated a short distance from the mouth of the lower opening, and was of very little use.

The upper opening is a considerable height above the other, and acts as an air shaft. At that time the company was driving a heading to connect with the lower opening. This has since been connected, a 10-foot fan placed in position, and a good current of air is being distributed.

It is necessary to exercise great caution in these mines on account of the soft nature of the roof. Very heavy props and bars are used and good lagging. It is impossible to keep a good width between the road and sides or ribs, and the roadways are always very wet and muddy. All persons who are obliged to be on the roads must wear gum boots continuously. There are employed in this mine 69 miners, 9 drivers and 12 laborers. The output is about 200 tons per day.

UNION MINE No. 2, JOHN SULLIVAN, *Foreman*.

Situated Near Allegany, a Station on the C. & P. R. R.

This mine has opened up a large territory, connecting with the Allegany and Boston mines, and getting considerable coal that had been left in those operations when they were abandoned. There has been considerable trouble with water on the right side down near the Allegany works. I felt obliged to complain to the foreman about the carelessness of drivers in letting doors stand open while they placed the empty cars in miners' places and brought the loaded cars out. The foreman paid particular attention to this, as well as making many other improvements in the ventilation of the mine during the year, and on the occasion of my last visit I had no complaint to make, except about a couple of places which were too far ahead of the air current, and he immediately stopped them.

The amount of air coming from the small fan was 16,030 cubic feet and from large fan 79,312 cubic feet. About 350 men are employed in this mine, but at no time are they all in.

UNION No. 1, M. HAMILTON, *Foreman*.
Situated at Borden, a Station on C. & P. R. R.

Ventilated by a fan with outlets to Frost mine, and an opening on the western suburbs of Frostburg. There are no pillars being drawn on the second right in this mine, while all the rest are pillars. The fan is situated near the mouth of the drift, and air has over a mile to travel before it reaches the men. It is carried along the main heading, and a door near the mouth of the mine is about the only thing that can be depended on to force the air in. The foreman and his assistant pay particular attention to the air, but where so many doors are to be attended to it is no wonder if at times black-damp gets the better of them. Inlet air at 62,894 cubic feet.

Generally I find conditions fairly good, and the law being complied with. Two hundred and seventy-five men are employed here.

POTOMAC MINE, P. H. GALLAGHER, *Foreman*.

Three openings in the four-foot vein a short distance west of Barton. The mine is ventilated by a 20-foot fan, is connected with the C. & P. R. R. by a short tramway, over which the cars are hauled by a small locomotive. The roadways in this mine are generally wet. This is on account of the soft nature of the bottom and cannot well be remedied. Between 35 and 40 miners are employed here on an average, and the mining law is complied with in every way, so far as I have been able to learn.

H. & W. A. HITCHINS Co.
Robert Harvey, Foreman and Superintendent.

This company has made several openings into coal that had been left when the Borden mine was abandoned several years ago. On the occasion of my last visit but two openings were being worked. Natural ventilation, no other kind being practicable. There are times in these openings into old mines when it is impossible to keep a sufficient quantity of pure air circulating where the men are working, but this condition lasts but

a short time. Twenty-three men in No. 4 and 27 men in No. 3 openings. I could find no reason to complain of conditions.

CONSOLIDATION COAL COMPANY.

B. S. Randolph, Superintendent.

OCEAN MINE No. 1, P. McMAHON, *Foreman.*

Is a slope situated at Ocean, on C. & P. R. R., and has opened a larger territory than any other opening in the region. It is ventilated by two exhaust fans and has four large and several small inlets. The roads, except the lower part of the manway, are in good condition. This is always perfectly safe, but generally found very wet and muddy. This is the first mine in the big vein in which mining machines were used. There are now in operation four mining machines and six air locomotives. Improvements are being continually made to machinery and other methods for getting out coal.

It is to be expected that in such a large territory at times some parts will not be up to the standard, but when I have at any time called the foreman's attention to defects he immediately set about rectifying them. On the left side of the mine the whole attention of one man is devoted to looking after the air, while on the right side at the bottom of the slope in the old upper lift and in the new lift a man is placed in each to have charge of the men and look after air. Conditions generally as to ventilation and roadways are good. About 440 miners are employed here.

OCEAN No. 2, JAMES WESTON, *Foreman.*

Is situated a short distance west of Frostburg, and is used only as a fuel mine, furnishing fuel for Frostburg and vicinity; from six to ten miners are employed, more being needed during the winter than in summer. Conditions are always good here.

Frost mine is connected with Ocean No. 2, and the coal mined is used by the engines on the C. & P. R. R. This is an old mine, but no pillars are drawn. Conditions are always good, and I consider that miners here have the best thing in the region. About 22 men here.

OCEAN No. 3 (HOFFMAN), J. B. THOMAS, *Foreman.*

This is a very large mine, employing about 336 miners and 137 laborers. It is ventilated by one fan. On account of the larger territory to cover and the many splits for air, and the fact that there is either a trip on the slope or one of the large motor-cars with a trip either coming in or going out, it is a difficult matter to get correct measurements of air. Since the passage of the new mining law many and extensive improvements have been made in the ventilation of this mine. The speed of the fan has been increased. The main airway has been increased in area, cross-cuts are made in rooms, and distance between cross-cuts in the headings lessened. That much more remains to be done is a fact, but that an extraordinary amount of labor and money has been expended in bettering conditions is also true.

This mine connects with the pumping shaft, where all the water from Hoffman is raised to the surface, and from where the compressed air is furnished to supply five small and two large motors, and pumps, with a capacity of 8,100 gallons of water per minute.

I had occasion to call the foreman's attention to the wet and muddy condition of the manway along the engine road. While the road is perfectly safe, on account of its condition, miners and others took the risk of walking the engine road, and, I am informed, frequently riding on the loaded cars. Part of this road planks had been laid, and on my last visit the foreman in my presence gave orders that boards should be laid over the rest of it.

There is much trouble with water in this mine; as a consequence the roads in nearly all the branch headings are wet. It takes a very slight accident to any of the pumps to permit the water to rise. The management do their best to keep the roads in good condition, in my opinion. Sixty thousand feet of air near bottom of slope.

OCEAN 372 (ECKHART), DANIEL KRAPP, *Foreman.*

This mine stopped shipping coal February 18, 1902. There is still plenty of coal in the mine, but will not be taken out for

some time. A corps of laborers are still employed in the mine timbering and in other ways taking care of the property.

Mr. W. A. Somerville commenced shipments from this opening November 18. There was but one heading driven, not more than nine men working in the twenty-four hours and only three men on any shift. There is no coal being hoisted now.

OCEAN No. 7 (KLONDIKE), J. JENKINS, *Foreman*.

More men are employed in this mine than any other in the region, 565 miners being employed. In the largest opening there are what is known as the old slope and new slope and straight heading and midway. There are two manways, one going directly to the outside, running almost parallel with the new slope, and the other going almost parallel with the old slope. This mine is ventilated by a 24-foot force fan, and each cross heading and heading has a separate air current. Brick air crossings and brick brattices being used extensively here, more than any other place. During my last visit I found considerable black-damp in a few rooms on the inside of one of the headings in the old slope. There was a good current of air on the heading, more than the law required, but it was not getting close to the men. A door had been placed on the heading, but was broken down, also a brattice broken. Before I left the heading men were on their way to fix the door and brattice, and I have no doubt these repairs improved conditions.

The new mine is ventilated by a 16-foot fan, and is generally found in good condition. Considerable trouble is experienced at times with smoke from a small locomotive which hauls empty cars from dump to foot of plane. The top of the plane is much higher than the mouth of the opening, and the rooms have considerable grade as well. As a consequence, where pillars have been drawn and breaks made in the mountain they act as air shafts and draw all the air through them, instead of letting the air go out the mouth of the mine. This does not occur frequently, and on the whole the mines are well ventilated and well looked after.

One of the manways was in bad condition for a time. When I called the foreman's attention to it he immediately set

men to work to remedy the trouble. I had occasion to find fault with the way cars were being run over the scales. I called the foreman's attention to the matter, and he gave the weighmaster a severe *scolding*. I am perfectly satisfied it was not the fault of the operators that the law was being disobeyed, because this company went to considerable expense in placing their scales in such a way the law could be complied with without interfering with the output.

OCEAN No. 8 (MIDLAND), . . . CHAS. LEATHAM, *Foreman*.

This is a new opening employing about 60 men inside. The ventilation is good. It is opened at Midland near where the Big Vein Coal Company had their mine, which is worked out. Conditions are good.

PIEDMONT AND GEORGES CREEK COAL COMPANY.
J. S. Brophy, Superintendent.

WASHINGTON MINE No. 1, MARTIN CONDRY, *Foreman*.

This mine is situated near Eckhart, on a branch of the C. & P. R. R. There are three openings getting coal that had been abandoned many years ago. About 115 men are employed inside. The law is complied with. Conditions are generally good.

WASHINGTON No. 2, PHILLIP BROWN, *Foreman*.

This is generally known as the old *Etna* mine. It has been a difficult matter to keep this mine well ventilated. Coal that had been abandoned is being worked, and there is very little solid coal to work on. There is rarely more than 10 men in the mine at one time, however, and I have no cause to find fault.

There are two openings in the small vein, with about 20 miners. They are ventilated naturally at present, but preparations are being made to have a fan in operation shortly. At each of my visits I found a sufficient quantity of air circulating.

WASHINGTON MINE No. 3, M. P. FAHEY, *Foreman*.

This property was formerly worked by the Dickey Gibson Coal Company, and was known as Tacoma mine. It is situated near Franklin, on the C. & P. R. R. During the early part of 1902 the heavy rains did much damage to the tracks or siding leading to the dump, besides closing an opening where an air shaft was situated. They immediately placed a fan in position, and since that time the mine has been well ventilated.

The Piedmont and Georges Creek Company took charge April 1st of this year, and many improvements are under way. About 100 men and boys are employed in this mine.

BARTON AND GEORGES CREEK VALLEY COAL COMPANY.

A. E. Hitchins, Superintendent.

Four openings on a branch of the C. & P. R. R. A 20-foot fan was placed in position last year, and there is plenty of air in circulation. The slope is still being driven and much trouble is experienced from bad roof. Only pillars are being worked in the other three openings, and at times considerable black-damp is encountered. The management do their best to comply with all provisions of the law, and generally conditions are good.

MIDLAND MINING COMPANY.

William Somerville, Superintendent.

ENTERPRISE MINE, J. ASKEY, *Foreman*.

There are two openings into coal that had been abandoned many years ago. The lower opening is about finished and another further up the run will soon be ready. There is only natural ventilation, but I always find more than the amount of air required by law circulating. About 40 men are employed in the mine, and conditions are good.

GEORGES CREEK COAL AND IRON COMPANY.
R. L. Somerville, Superintendent.

No. 1 AND CUTTER MINES, RICHARD SPEAR, *Foreman*.

These mines are ventilated by fans. No. 1 is nearly worked out, nothing but pillars working. Conditions generally good. Work has been very scarce under this company during the year. About 100 men were employed in these two openings during 1902.

PIN HILL MINE (No. 3), JOHN BOYD, *Foreman*.

Natural ventilation is used here, nothing but pillars working. On account of the light cover over the coal nearly every fall breaks the surface; as a consequence, there is always plenty of air circulating. About 55 men in this mine.

COLUMBIA (No. 9), JOHN BOYD, *Foreman*.

There are three openings, only one having more than 10 men in it. Most of the coal here was abandoned when Midland mine was finished. Lately another opening was made directly back of Midland. The coal will be taken down an incline and dumped at Gilmore with the coal from Columbia mine. This coal is shipped on the Georges Creek and Cumberland R. R. About 37 men in these openings. Conditions good.

NEW CENTRAL COAL COMPANY.
D. Sinclair, Superintendent.

KOONTZ MINE, WM. THOMPSON, *Foreman*.

This mine is ventilated by a fan. The outlet for air being through Klondike and the Georges Creek Coal and Iron Company's old workings. There is nothing but pillars being worked and there is much bad roof, obliging men to be continually on the alert. Except for the bad roof, which cannot be helped, conditions are good. About 108 men in this mine.

The Big Vein mine of this company was closed during last year, the miners refusing to work unless better provisions were made for their safety and comfort. The company evidently did not feel justified in expending the money necessary, and closed the mine.

The small vein commenced shipments this year after being idle since 1900. Eight men are now employed in it. Conditions are good.

MARYLAND COAL COMPANY.
F. E. Brackett, Superintendent.

KINGSLAND AND APPLETON MINE, . . . WM. DODDS, *Foreman.*

Kingsland mine is not working, the coal nearly all having been taken out. Nothing but pillars are being worked in Appleton. This mine is ventilated by a fan. Conditions are good and the law obeyed, except the management refuses to drive cross-cuts in the rooms, no matter what distance they may be up (and some of them are 300 feet off the heading), claiming it would cause a loss of considerable coal. About 175 men are employed in this mine.

NEW DETMOLD AND PATTON, . . . AUGUST RICKER, *Foreman.*

New Detmold is worked out. Patton has about 160 men inside, and is ventilated by a fan. There is more air than the law requires circulating, and conditions are about the same in every way as exist in Appleton. This company mines no bottom or top coal; as a consequence the miners do less dead work than is done under any other company in the State.

AMERICAN COAL COMPANY.
I. Bradburn, Superintendent.

JACKSON MINES, . . . JOHN PEEL, *Foreman.*

There are thirteen openings in the big vein and one in the small vein. They extend from the western suburbs of Lona-

coning to the eastern suburbs of Barton, and are all connected on the outside by a tramway. There is a large fan at No. 5 opening. All the others are ventilated by natural means. The greatest number of men (45) are in No. 8. Altogether about 200 men and boys are employed in the mines. Conditions generally are good, but like nearly all places that are obliged to depend on natural means for air, there bad days. There are nothing but pillars being worked in any of the openings, except the one in the small vein.

CALEDONIA MINES, . . . JOHN FRENZEL, *Foreman.*

Four openings, two in the small or Tyson vein, and two in big vein. All openings are ventilated by natural means, and I always found a sufficient quantity of air in circulation. For a time in the small vein proper attention was not given to brattices and the driving of cross-cuts. This was accounted for by the foreman, who said he had charge only for a short time (his predecessor having resigned) and not being thoroughly acquainted with his duties. At present conditions in these mines are fairly good. These mines are at Barton.

PIEDMONT MINING COMPANY.
George P. King, Superintendent.

Excelsior mine made the last shipment in August, 1902, all the coal having been taken out.

MOSCOW MINE (NEAR BARTON), . . . JOHN BEAN, *Foreman.*

Nothing but pillars are worked in the first opening. Another opening has been made a short distance around the hill to get coal that was abandoned by American Coal Company. The coal from this second opening is hauled a short distance over a tramway and then through the first opening to the top of the incline. About 33 men are employed in the both openings, and conditions as to air and drainage good.

CHAPMAN COAL MINING COMPANY.

W. J. Chapman, Superintendent.

"Scranton mine" is in the 4-foot vein. It had been worked some years ago. This company reopened it, and commenced shipments November, 1902. The mine had been worked on what is known as the long-hall system. The present management has or will change. At present there is a heading being driven through the mountain. The air is furnished by a small fan worked by hand. The other parts of the mine are ventilated by natural means. There is also an opening into the Big Vein. It was started in March, and does not come under the provisions of the mining law. About 20 men are employed in the mine.

LAWRENCE FINZEL, *Foreman.*

MOSCOW-GEORGES CREEK COAL COMPANY.

William Somerville, Superintendent.

MOSCOW MINE No. 1.

This is an opening near Barton, and has been in operation but a short time, the first coal having been shipped about the first of this year. On the occasion of my last visit there were 24 men employed in the mine. I was informed by the foreman that on an average not more than 14 miners were at work any day. There was not a sufficient quantity of air circulating. Preparations had been made for a fan, which has since been placed in position, and I have been informed that there is at present no complaint about air. Considerable dissatisfaction existed for a while about weight. I made a suggestion that all empty cars be weighed and the weight of each be kept on a sheet of paper or in a book, and at present, so far as I have been able to learn, everything is going along smoothly at this mine.

NATHANIEL SOMERVILLE, *Foreman.*

PHOENIX MINING COMPANY.
*Charles Hoffa, Superintendent.*PHOENIX MINE, JAMES RANKIN, *Foreman.*

Three openings in the big vein, one in the 4-foot vein. The latter is not working. Commenced shipping coal the latter part of 1902. Natural ventilation. Two of the openings have been driven through the mountain, giving an abundance of pure air at all times. The other opening goes into the old workings of the Phoenix mine, which was abandoned several years ago. I was obliged to find fault with a rule made by the superintendent as to the weight of coal that would be credited to a miner. Should a miner have more than two tons five hundredweight on a car he would be credited with only two tons five hundredweight. After explaining the law to the superintendent and weighmaster, the order was revoked and the law has, so far as I am able to learn, been complied with since. About 25 men are employed in this mine. Situated about three-fourths of a mile east of Franklin.

CUMBERLAND AND GEORGES CREEK COAL COMPANY.

J. L. Connard, Superintendent.

PENN MINE, J. L. CONNARD, *Foreman.*

An opening in the 4-foot vein. Ventilated by a small furnace. I have never found more than 15 men in it at any time and always a sufficient quantity of air circulating. Situated near Franklin. Conditions generally fairly good.

FROSTBURG COAL MINING COMPANY.

F. A. Sharpe, Superintendent.

MORRISONS MINE, PATRICK FOOTEN, *Foreman.*

Two openings, one in the 3-foot, the other in the 4-foot seam. The latter was opened during 1902 and has only a few men working in it, not enough to bring it under the provisions

of the law. The lower mine is ventilated by a 10-foot fan, which furnishes plenty of air. The foreman here until lately had not been furnished with an anemometer, and, of course, had taken no measurements. For a time proper attention had not been paid to trap doors, and the inside heading was not in as good condition as it should be.

When I called the foreman's attention to these matters he immediately set about remedying them, and there is now no complaint to make about ventilation. This coal is mined by machinery, compressed air being used. There are four machines. This is the first mine in this region where machines were used. About 20 men in this mine usually.

PIEDMONT AND CUMBERLAND COAL COMPANY.

F. A. Sharpe, Superintendent.

HAMPSHIRE MINE, — McDONALD, *Foreman.*

There are two openings here, one in the 6-foot seam, the other in the big vein. There has not been more than nine men working in the big vein, and there is always plenty of air circulating. In the lower openings conditions as to air for a considerable time were bad. A new fan was placed during the year, but bratticing was needed and a door on the mouth of the drift. These things were delayed until a new superintendent was put on, since which time many improvements have been made in the ventilation. Ninety-two men are employed in this mine.

All the companies mentioned ship their coal over the C. & P. R. R., except the Maryland, American, New Central, and from Columbia mine of the Georges Creek Coal and Iron Company. These ship over the Georges Creek and Cumberland Railroad.

New Operations

New openings that are being made from which coal will likely be shipped in the near future:

By the Consolidation Coal Company—One near Allegany, one at Eckhart.

By the Midland Mining Company—One near Morantown.

The Georges Creek Coal and Iron Company—Two over their mines near Lonaconing.

All these mentioned are in the Tyson vein.

The Piedmont Mining Company—One opening some distance up Laurel Run. They are making preparations to ship over the C. & P. R. R. and the G. C. & C. R. R.

The Moscow-Georges Creek Coal and Coke Company has an opening near Barton in the 4-foot vein and another in the big vein in what was known as the Peak Hill property.

The Union Mining Company—One opening in the 4-foot seam near their Potomac mine.

These are all in Allegany County.

Names of mines closed, abandoned and worked out:

Consolidation Coal Company's Eckhart mine closed.

H. & W. A. Hitchins Company's old Borden mine worked out.

Piedmont Mining Company's Excelsior mine worked out.

Cumberland and Westernport Coal Company's Phoenix mine abandoned.

GARRETT COUNTY

MEADOW MOUNTAIN COAL AND COKE COMPANY.

F. G. Lightfoot, Superintendent.

BITTINGER MINE, JAMES METZ, *Foreman.*

This mine is situated on the Jennings Bros.' railroad, about two miles east of Bittinger. This road connects with the B. & O. R. R. at Worth Junction, on the Niverton branch of the B. & O. R. R. The mine has been opened for some time, but shipped no coal until the latter part of last year. The superintendent told me at no time were there ten men in the mine. This is the first coal which has been shipped from this part of the county, all the other mines being situated along the W. Va. C. & P. R. R.

DAVIS COAL AND COKE COMPANY.

O. Tibbetts, Superintendent.

BUXTON MINE, ROBERT GRANT, *Foreman.*

This mine is ventilated by a fan, and another one is ready to be placed in position in a short time. This will give a separate air current for each side of the mine. A rope haulage has been put in operation since my last report; it is an endless rope, the only one of the kind in either county. I found on my last visit that the air was not being carried to the miners as well as it should have been, and the trap door on the main heading almost worthless.

I found an inlet at the fan of 51,920 feet. This was less than on any of my previous visits, but very much more than the law requires, there being at that time but 143 men employed in the mine. I was assured by the foreman that work would be pushed on some air crossings and the new fan put in as speedily as possible.

There is very little timber used in this mine, places frequently being driven 200 feet or more without a prop. T-rail is used for track in all places. I hear complaints frequently about the weight, and have given considerable attention, but am unable to say the weighmaster does any wrong. There are times during the day when cars are run to the scales very fast. The weighmaster cannot see the car or car runner while weighing. I suggested to the superintendent that he put a bell in the office which the weighmaster could ring when the car was weighed, in that way avoiding any danger of cars being run over without being weighed. My suggestion was immediately complied with, and I am informed has been a decided benefit.

The opening to this mine is in Allegany County a few hundred yards east of the mouth of Savage River. It has always been reported in Garrett County, and I have continued the custom.

FRANKLIN MINE, HENRY BIGGS, *Foreman.*

This mine is in the big vein and is fast being worked out, nothing but pillars to take out. Ventilation is by natural means, and there is generally plenty of air circulating. Sixty-five men are employed in this mine, many of them working at night.

MONROE COAL MINING COMPANY.

T. W. Dodson, Superintendent.

BARNUM MINES, WILLIAM BEAVER, *Foreman.*

There are two openings, one in the 6-foot, the other in the 4-foot vein. The 6-foot is ventilated by a fan and is always found in good condition. There is a very bad roof, but very few accidents. Mining machines have been introduced and are run by compressed air. About 35 men employed in this mine.

The 4-foot mine is ventilated by a furnace; and, while results are not so good as are obtained from a fan, there is always a sufficient quantity of air circulating. About 32 men in this mine.

BLAINE MINING COMPANY.
S. B. Brydon, *Superintendent.*

DILL MINE, R. O. RAFTER, *Foreman.*

Two openings in the 6-foot vein. Natural ventilation; and, like all places depending on this method, there are times when air is very scarce. On the whole, however, conditions are fairly good. About 35 men in this mine.

GARRETT COUNTY COAL MINING COMPANY.
H. B. Douglas, *Superintendent.*

MINE AT DILL, G. W. GALES, *Foreman.*

This mine was opened and operated for a while by the Piedmont and Georges Creek Coal Company, and changed about January 1, 1902. It is in but a short distance. Natural ventilation. About 25 men in the mines, and at times air is not good. There is a small basket furnace, which gives very poor results. Mr. Bailey Burns replaced Gales as foreman the first of this year.

G. C. PATTISON COMPANY.
Carroll Pattison, *Superintendent.*

PATTISON MINE, CARROLL PATTISON, *Foreman.*

This mine is situated about one mile west of Bloomington. There are two openings, one in the 4-foot, the other in the 6-foot. The opening in the small vein does not come under the provisions of the law; rarely more than six men in it. The 6-foot is ventilated by an 8-foot fan. The roof is not good in places, yet there has not been an accident in the last sixteen months. About 40 men employed. Conditions fairly good. I have never heard a complaint about this mine.

IN THE FIRE CLAY MINES.

SAVAGE MOUNTAIN FIRE BRICK COMPANY.
E. G. Buckingham, *Manager.*

FIRE CLAY MINE, . . . C. H. SHUCKHART, *Foreman and Supt.*

These mines are situated three miles west of Frostburg, on Big Savage Mountain, along the National road in Garrett County. The company employs 45 persons, from eight to ten men in the mine. Natural ventilation is used, driving to the outcrop frequently for air. There is no complaint as to ventilation. These miners work every day in the year, except Sundays and holidays. The miners are paid 70 cents for a two-ton car, either dirt or clay. They separate the dirt from the clay, loading in separate cars. The miner loads three cars a day usually. If the work happens to be in harder stuff than clay and he is not able to get three cars loaded, the superintendent allows what he considers right. The miner is allowed for the time he takes to prop, and is furnished with oil, cotton, dynamite and fuse. Blasting is done but once a day, usually about 3 p. m. The miners then leave the mine and load the next morning. The only exception to this is when a heading is being pushed and the material is so hard it is necessary to blast oftener.

In my opinion everything around these mines works very smoothly, and I can suggest no improvements.

BIG SAVAGE MOUNTAIN FIRE BRICK COMPANY.
J. N. Benson, *Superintendent and Manager.*

This company is making extensive preparations for making brick. The yard is at Allegany and the mines about two miles north of the yard. It is claimed a very superior quality of clay is to be had, and a vein of coal in the same territory will furnish all the necessary fuel. It will be some time yet before the company will manufacture brick.

FATAL ACCIDENTS, 1902

MIDLAND, MD., May 1, 1903.

1. January 30—Jas. H. Edwards, brakeman on air motor; age 23; single; was instantly killed by being run over by the motor. It was part of his duty to sand the rail; he sat on front of motor with engineer. The motor gave a sudden jerk, throwing him under. Ocean No. 1.
2. March 25—Alex. Smith, married; age 48; miner, but had been laboring when killed in Colombia Mine of Georges Creek Coal and Iron Co. He was repairing track on inside plane with two other men, and had stepped out of the way to let a loaded trip pass, when, for some unaccountable reason, he undertook to cross the road and was instantly killed. He left a widow and ten children.
3. April 11—Frank Cooper, miner; was killed in Potomac Mine near Barton by a fall of rock from roof. A roadman who was working near him informed me that he warned Cooper that the rock was dangerous and should be timbered, but he neglected timbering. A jury of inquest found a verdict of accidental death. He left a widow and six children. He was aged 37 years.
4. May 6—Benjamin Wright, miner; age 62; while working in the Cumberland & Piedmont Co.'s mine near Franklin, was killed by fall of rock from the roof. Wm. Ford, who worked with him, was not injured. I am of the opinion, that, while the accident could have been avoided, nine out of the ten miners would have been caught in the same way.
5. June 19—Wm. Davis, outside laborer at Hoffman Mine, was squeezed between mine cars and died next day from his injuries. He was aged 21; single.
6. July 22—Charles Ross, miner; aged 59; was injured by fall of breast coal in Koontz Mine and died September 4. His injuries were not considered to be fatal when he was hurt. He was married and left a widow and children.
7. August 23—John O'Toole, miner; aged 24; was injured in Moscow Mine of Piedmont Mining Co. by fall of top and breast coal, and died four days later. After firing a shot he went to his place, and in pulling some loose breast coal, knocked out a prop, which let the roof down. He was single.

8. September 27—James Ritchie, miner; aged 45; was killed by fall of breast coal in Hoffman Mine about 6 A. M. He was married and left a widow and 8 children. His partner had called his attention to the danger shortly before he was killed.

9. October 4—Wm. Trezise, miner; aged about 62 years; was killed in Appleton Mine of the Maryland Coal Co. by fall of roof coal. He was working with his son, who was not injured. The place was well-timbered and the accident unavoidable. He left a widow and four children.

10. November 14—Harry Seeholtz, car runner; aged 28; married. The brake rod on a loaded rail road car broke, throwing him in front of the car. He was hurt at 12.30 P. M., and died the same day at 3 P. M.

11. December 8—Thos. Malloy, miner; aged 24; was killed in Mine No. 8 of Consolidation Coal Co. by fall of top and breast coal. There were two other young men working with Malloy. One of these had a toe broken; the other was uninjured.

The accident was due to carelessness in timbering.

There were therefore eleven fatal accidents in the coal and fire-clay mines in 1902.

FATAL ACCIDENTS FIRST FOUR MONTHS, 1903

1. January 8—Jas. E. Wright, miner, aged 24; married. Had his leg run over by air motor in Hoffman Mine and died three days later from the injury.

He had turned a switch and signalled the engineman to come on; in attempting to step on the motor, he missed his footing, and went under.

2. February 11—Geo. Moody, miner; aged 28; single; was hurt and died seven days later from injuries received.

He was riding up Hoffman Slope on a loaded trip, when near the top he either fell or attempted to get off the trip, and was badly bruised.

I made a particular examination of the manway from the bottom of the slope to where it comes out on the slope, and found it in good condition. From the place the manway comes out on the slope to outside is not so good.

3. February 18—John Nolan, driver; age about 21; single; was killed in Appleton Mine by being caught between a loaded car and the rib. He was bringing his trip of loaded cars down the heading, and riding between the last and second car; when passing a room, a car

which had gotten beyond the control of the miners who were bringing it to the switch came out on the heading, and, striking the front end of the car on which Nolan was riding, knocked it off the track, and, pinning him against the rib, killed him.

Had these miners a stop block at the bottom of their room this accident would not have occurred.

4. April 14—James Swann, miner; aged about 21; was injured by top coal in opening No. 12 of the American Coal Co. in the morning and died that night. There were but two miners in this opening, and it was carelessness on their part about setting timber that caused the accident.

5. March 10—John Wilburn, miner; age about 45; married; leaves a widow. Was killed by fall of breast coal. Two men who worked with him were not injured. The accident was unavoidable. He worked in Washington Mine No. 2 of the Piedmont and George's Creek Coal Co.

Total fatal accidents for the first four months, to May 1, 1903, five.

NON-FATAL ACCIDENTS, 1902

UNION MINING CO. FIRE CLAY MINES.

1. April 6—James McKenzie, miner; age 37; married; sprained his ankle in the mine.

UNION MINE NO. 2.

2. May 9—Wm. Hammond, driver; age 19; single; fell between trip of loaded cars on the heading, and his leg was badly crushed.

3. May 30—Chas. Stevens, miner; age 35; married; cut his foot with an axe while timbering his place.

4. June 10—Archie Stevens, miner; age 17; while setting timber, a piece of slate fell, breaking his leg.

5. June 13—Wm. Gaither, miner; age 45; married; while setting timber had his foot badly mashed by fall of roof slate.

6. October 11—Levi Porter, miner; age 24; married; after firing a shot and going back to his place, roof slate fell. Injuries slight.

7. November 6—Oscar Richardson, miner; age 17; had his leg broken by fall of slate.

8. November 21—Joseph McAtee, miner; age 26; single; fall of wild coal and slate; foot and back slightly hurt.

9. November 21—E. M. Wigfield, miner; age 25; married; back scratched by fall of slate.

10. December 16—Addison Smith, miner; age 50; married; fall of breast slate hurt his head and knee.

UNION MINE NO. 1.

11. March 12.—John Spates, miner; age 25; single; cut his foot with an axe.

12. April 18—John Brady, Jr., miner; age 22; single; had his foot mashed by fall of top coal.

13. November 20—Wm. Hunter, miner; age 18; Had his arm broken by car jumping the track while he was taking it down to his room.

H. AND W. A. HITCHINS BORDEN MINES.

14. May 29—John Parker, miner; age 40; married; was thrown from loaded car on tramway and had his leg cut off.

15. July 27—Charles Poland, driver; age 35; single; was thrown from a car and back injured.

16. November 12—Geo. March, miner; age 42; married; foot mashed with fall of top coal.

PIEDMONT AND GEORGES CREEK COAL CO., WASHINGTON MINE NO. 2.

17. June 14—James Nelson, miner; age 19; single; fall of top coal bruised him about the hips.

18. June 17—Geo. Griffith, miner; age 25; married; had his hand badly mashed with roof coal in Washington Mine No. 1.

BARTON AND GEORGES CREEK VALLEY COAL CO., CARLOS MINES.

19. January 23—David Morgan, driver; age 30; married; had his arm broken by a car knocking out a prop.

20. February 4—Lucius Tomlinson, driver; age 57; widower; had his arm broken by fall of coal.

21. March 7—Charles Jones, miner; age 23; single; had his collar-bone broken by fall of roof coal.

22. April 21—Joseph Meager, miner; age —; married; collar-bone broken by fall of roof coal.

23. July 22—David Evans, miner; age 59; married; while taking a car down his room, it ran away and broke his leg.

24. August 1—John A. Bowen, miner; age 50; married; hurt about the breast by fall of roof coal.

CONSOLIDATION COAL CO., HOFFMAN MINE.

25. January 2—Thos. Sleeman, miner; age 28; single; hurt about the breast with fall of breast coal.
26. March 19—Adam Scott, Jr., engineer on air motor; married; rolled by his engine; badly hurt about body.
27. June 9—Luther Seibert, outside laborer; age 22; single; had his foot broken by loaded car running over it.
28. October 2—Alphonsus Nairn, miner; single; very badly hurt by fall of roof coal.
29. September 20—Joseph Cain, miner; single; had his foot hurt while riding out on engine trip.
30. October 20—Andrew J. Plunk, miner; single; burned on his hand and arm by powder on his way to the mine.
31. December—Geo. Hughes, miner; married; caught between rib and loaded car; squeezed about breast.

OCEAN MINE NO. 7.

32. January 1—Lance LeRoy; age 35; hurt by locomotive.
33. January 11—John Poland, age 35; married; kicked by mule.
34. January 13—Wm. Humbertson; run over by loaded car, leg taken off.
35. February 14—Wm. B. Gunter, age 17; hurt by falling prop.
36. March 8—John Shearer, age 22; single; caught by water car.
37. March 8—John P. Wagner, age 40; married; hurt by fall of coal.
38. May 24—Louis Hambright, car coupler; age 17; had his leg caught between empty cars.
39. May 26—Frank Moses, miner; age 35; married; cut on head and breast by fall of top coal.
40. June 23—Frank Pry, driver; age 28; single; kicked by mule.
41. June 24—Henry McGee, driver; age 30; single; foot caught between cars.
42. June 28—Henry Wood, machine runner; age 33; single; hurt by fall of breast coal.
43. August 23—Wm. Cuthberlson, miner; age 22; single; had his leg caught by loaded car.
44. August 27—Wm. Strouse, miner; age 22; single; hand caught by loaded car.
45. September 23—Louis Rank, Jr., miner; age 35; married; foot caught by piece of coal.
46. September 23—Geo. Krause, miner; married; age 40; foot caught by prop falling when lifting a car on the track.
47. June 28—Harry Crist, scraper; age 30; single; hurt by breast coal.
48. October 4—Jenkin Daniels, roadman; age 36; single; caught by falling roof coal; hip dislocated and otherwise injured.

49. November 13—James Nichols, miner; age 35; single; fall of roof coal; slight.
50. November 14—Howard Wade, rope guider; age 14; foot caught in air compressor.
51. December 23—Wm. Yates, trip rider; age 30; married; fell off loaded trip; cars run over his leg, and it had to be taken off.

OCEAN NO. 1.

52. February 14—John Jones, miner; age 17; breast coal fell on him.
53. March 25—John Daledovich, miner; age 45; married; hurt by breast coal and slate falling on him.
54. March 25—John Alexander, inside laborer; age 22; single; hurt by piece of coal falling on him.
55. April 8—Chas. Miller, miner; single; leg broken by breast coal falling on him.
56. April 17—Isaac O'Rourke, driver; age 23; single; had his arm hurt while coupling cars.
57. April 30—James A. Nolan, driver; age 22; single; while moving coal cutting machine it fell on his foot.
58. May 5—Wm. Broderick, driver; single; kicked by a mule.
59. May 19—John Campbell, driver; single; hand hurt by car jumping track.
60. June 17—Charles Shields, machine runner; married; had his foot hurt by machine.
61. June 17—James Nichols, driver; age 24; married; while on his way to the stable his mule threw him and dragged him.
62. June 23—Frank Pryle, miner; single; leg hurt by piece of coal falling on him.
63. September 17—John Monaghan, driver; age 20; single; he fell in front of his trip while it was in motion and badly injured.
64. November 3—Wm. Jack, miner; married; foot hurt while loading car.
65. November 20—Jacob Cosgrove, laborer; single; struck in the eye by a piece of slate.
66. November 29—John Bond, miner; married; had his leg caught by fall of breast coal, and it was taken off.

OCEAN NO. 8.

67. December 4—Russell Stewart, miner; age 47; married; lifting lump of coal on a car fell and lump struck his leg; very slight injury.
68. December 8—Wm. Evans, miner; age 20; single; foot bruised by fall of top and breast coal. This is one of the parties who worked with Malloy when he was killed.

NEW CENTRAL COAL CO., KOONTZ MINE.

69. July 17—John Steele, Jr., miner; age 30; married; caught between cars and back injured.
70. July 17—Geo. Hadley, Sr., miner; age 69; married; roof coal fell and cut his head.
71. August 4—Wm. Fulton, miner; age 51; married; had his back injured by fall of roof coal.
72. December 29—Robt. Gardner, laborer; age 51; married; roof coal cut his hand.

PIEDMONT MINING CO., MOSCOW MINE.

73. December 3—Geo. Dawson, blacksmith; age 40; married; while riding down the incline on a loaded trip, the cars run away because of an accident to the machinery, and his knee was cut, and body and shoulders badly bruised.

MARYLAND COAL CO., APPLETON MINE.

74. April 24—Thos Walsh, miner; age 19; cut his foot with an axe.
75. August 20—T. W. Travis, miner; age 35; married; back injured by fall of breast coal.

LONACONING COAL CO., SHAMROCK MINE.

76. February 25—Frank Stevenson, Jr., miner; single; foot injured by coal falling on it.
77. March 20—George Stevenson, miner; age 20; single; two toes taken off by fall of coal.
78. April 11—John Perrie, miner; age 50; hurt by wooden rail falling on his arm.
79. April 19—Robert Ford, miner; single; while taking a loaded car down his room his leg was caught between car and prop.
80. May 1—Theodore Shockey, miner; age 55; married; leg hurt by fall of coal.
81. May 8—T. J. Woods, miner; single; while lifting a car hurt his side.
82. July 3—Alex. McCormac, miner; married; fall of top coal injured his back.
83. August 26—James Timiney, miner; married; finger taken off by car jumping track.
84. October 3—David Wilson, miner; single; knee hurt by breast coal.
85. October 18—Jas. E. Teasdale, miner; married; jaw-bone broken by fall of roof coal.

AMERICAN COAL CO., JACKSON MINES.

86. April 10—Harry Gephart, driver; married; caught by a car.
87. July 3—Fredk T. Nightingale, miner; married; injured slightly by roof coal.
88. July 28—Archibald Hutchinson, miner; married; hurt by roof coal.
89. August 18—Gibson Coleman; age 12; had his leg broken by breast coal. This boy was not employed, but was brought in the mine by his father without the knowledge or consent of the foreman.
90. September 13—George Hadley, miner; age 45; married; leg hurt by breast coal.
91. September 11—Wm. Richardson, miner; age 22; married; foot hurt badly by breast coal.

PIEDMONT CUMBERLAND COAL CO., HAMPSHIRE MINE.

92. May 11—John Lannon, miner; age 40; married; foot cut with axe.

NON-FATAL ACCIDENTS IN GARRETT COUNTY, 1902

DAVIS COAL AND COKE COMPANY.

MONROE COAL CO., BARNUM MINE.

1. September 9—W. McCauley, miner; age 23; single; the middle rock fell, injuring his head and arm; not serious.
 2. September 10—Silas Platter, miner; age 24; married; was burned about face and arms by powder.
 3. June 5—T. R. Wilson, miner; age 24; single; fall of bone coal injured his breast; not serious.
 4. June 9—Grant Wilson, miner; age 30; single; breast coal fell on him; injury very slight.
- Total accidents Garrett County, four.

NON-FATAL ACCIDENTS FIRST FOUR MONTHS, 1903

CONSOLIDATION COAL COMPANY.

HOFFMAN MINE.

1. January 10—Conrad Rephorn, miner; age 34; married; had his finger badly mashed by lump of coal.
2. February 3—Jacob Herrman, brakeman and extra engineer; age 28; married; leg caught between two air motors; ankle crushed and left leg broken.
3. February 14—Wm. Sheller, miner; age 60; married; had his collar bone broken by fall of breast coal.
4. February 16—Geo. J. Brode, car coupler; age 16; had his leg caught between two empty cars; not serious.

KLONDIKE OCEAN NO. 7.

5. January 12—John Muncie, miner; age 44; married; slightly injured by fall of breast coal.
6. January 30—Wm. Orton, driver; age 26; married; while putting props on a car had three ribs broken.
7. February 10—John Wade, driver; single; caught by loaded car and slightly hurt.
8. March 7—Russ Harris, laborer; age 38; married; caught on foot by piece of slate.
9. March 9—Simon Nolan, coupler; age 14; run his foot against a bar of strap iron.
10. March 9—Conrad Youngerman, miner; age 40; married; fell on his dinner pail and broke his ribs.
11. March 12—Robert Ryer, coupler; age 30; married; caught on head by drag.
12. March 31—Chas. Miller, rope rider; age 20; single; caught by empty cars; injury slight.
13. April 18—James Baker, miner; age 23; single; caught by trip of empty cars.
14. April 26—Walter Pattison, miner; age 18; single; caught by trip of empty cars.

OCEAN NO. 1.

15. February 4—Joseph E. Campbell, miner; single; while timbering was struck by roof coal.

16. March 12—David Clark, miner; married; had his ribs crushed by fall of breast coal.

OCEAN NO. 8.

17. March 16—Chas. R. Lemon, miner; age 23; single; had his hand and finger mashed by car running over it.

PIEDMONT MINING CO.

18. January 23—Aleck Cook, driver; age 25; married; squeezed between cars; injuries slight.

CUMBERLAND AND GEORGES CREEK COAL CO.

19. January 20—Thos. Harris, miner; age 32; married; back hurt by fall of bone coal.

Total non-fatal accidents first four months, 1903, nineteen.

GARRETT COUNTY

DAVIS COAL AND COKE CO., FRANKLIN MINE.

1. March 16—Wm. Guy, Jr., miner, age 15; lump of coal slipped off a fall injuring his leg so badly it had to be amputated.

MONROE COAL CO., BARNUM MINE.

2. January 12—Solomon Paryt, miner; age 22; single; while mining, breast coal fell, squeezing him slightly.
3. February 1—Joshua Paryt, driver; age 24; single; had his foot caught between bumpers; off work 3 days.
4. March 13—Frank Turner, miner; age 28; single; while mining, breast coal fell, squeezing him; off 13 days.

Total non-fatal accidents, Garrett County, 1903, four.

TABLE OF ACCIDENTS, 1902.

NAME OF COMPANY.	NAME OF MINE.	1902.		First 4 Mos. 1903.	
		Fatal.	Non-Fatal.	Fatal.	Non-Fatal.
ALLEGANY COUNTY.					
Union Mining Co.....	Fire Clay.....		1		1
" ".....	Union No 1.....		1		
" ".....	" No. 2.....		9		
" ".....	Potomac.....	1			
Consolidation Coal Co.....	Queen No. 1.....	1	15		2
" ".....	" No. 2.....				
" ".....	Frost Mine.....				
" ".....	Queen No. 3½.....				
" ".....	" No. 3.....	2	7	2	4
" ".....	" No. 7.....	1	20		9
" ".....	" No. 8.....	1	2		1
" ".....	Pumping Shaft.....				
Barton & George Creek Valley Coal Co.....	Carlos, 4 openings.....		7		
H. & W. A. Hitchins.....	Borden, 4 openings.....		3		
	Washington Mines, 4 Open- ings.....		2	1	
Piedmont & G. C. C.....	Enterprise.....				
Midland Mining.....	No. 1 & Cutter.....				
G. C. C. & I. Co.....	Pine Hill.....				
" ".....	Colombia.....	1			
New Central Coal.....	Koontz.....	1	4		
Maryland Coal.....	Appleton.....	1	2	1	
	New Detmold & Patton.....				
American Coal.....	Jackson, 12 openings.....		6	1	
" ".....	Caledonia, 3 openings.....				
Moscow, Georges Creek Coal & Coke.....	Moscow No. 1.....				
Piedmont Mining.....	Moscow.....	1	1		1
" ".....	Excelsior.....				
Chapman Coal Mining.....	Swanton.....				
Phoenix Mining.....	Phoenix Mine.....				
Piedmont & Cumberland Coal.....	Hampshire.....	1	1		
Dickey, Gibson Coal.....	Tacoma.....				
Lonaconing Coal.....	Shamrock.....		10		
Cumberland & Georges Creek Coal.....	Penn.....				1
Total.....		11	93	5	19
GARRETT COUNTY.					
Davis Coal & Coke.....	Buxton.....				1
" ".....	Franklin.....				3
Monroe Coal Co.....	Barnum.....		4		
Total.....			4		

	ALLEGANY COUNTY.		GARRETT COUNTY.	
	1902.	1903.	1902.	1903.
Number of Miners fatally injured.....	7	4		
Drivers.....		1		
Inside Laborers fatally injured.....	1			
Outside Laborers.....	2			
Brakeman on Motor, inside.....	1			
Total.....	11	5		
Non fatal accidents to Miners.....	64	10	4	3
Drivers.....	14	3		1
Inside Laborers.....	10	5		
Outside Laborers.....	4	1		
Total.....	92	19	4	4

NAMES OF COMPANIES, NAMES AND ADDRESSES OF SUPERINTENDENTS IN ALLEGANY AND GARRETT COUNTIES.

NAMES OF COMPANIES.	NAMES OF SUPERINTENDENTS.	ADDRESSES.
ALLEGANY COUNTY.		
Consolidation Coal Co.	B. S. Randolph	Frostburg, Md.
Barton & G. C. Valley	A. Hitchins	"
Maryland Coal	F. E. Brackett	Lonaconing, Md.
Piedmont & Georges Creek Coal Co.	J. S. Brophy	Frostburg, Md.
H. & W. A. Hitchins Co.	Robert Harvey	Shaft, Md.
Union Mining Co.	Henry Shine	Mt. Savage, Md.
American Coal Co.	J. Bradburn	Lonaconing, Md.
Georges Creek Coal & Iron Co.	Robert Somerville	"
New Central Coal Co.	D. Sinclair	"
Lonaconing Coal Co.	J. J. Dobbie	"
Midland Mining Co.	Wm. Somerville	Frostburg, Md.
Piedmont Mining Co.	Geo. P. King	Piedmont, W. Va.
Piedmont, Cumberland Coal	F. G. Sharpe	Barton, Md.
Frostburg Coal Co.	F. G. Sharpe	"
Cumberland & Georges Creek Coal Co.	J. L. Connard	Piedmont, W. Va.
Phoenix Mining Co.	J. C. Hoffa	"
Chapman Coal Mining Co.	W. J. Chapman	Barton, Md.
Moscow G. C. Mining Co.	Wm. Somerville	Frostburg, Md.
GARRETT COUNTY.		
Davis Coal & Coke Co.	O. Tibbetts	Savage, W. Va.
Monroe Coal Mining Co.	T. W. Dodson	Barnum, W. Va.
Blaine Mining Co.	S. B. Brydon	Blaine, W. Va.
Garrett Co. Coal Mining Co.	H. B. Douglas	Dodson, Garrett Co. Md.
G. C. Pattison Co.	C. Pattison	Bloomington, " "
Meadow Mountain Coal & Coke Co.	S. G. Lightfoot	Jennings, " "

NUMBER OF MINERS, LABORERS, DAYS WORKED AND OUTPUT DURING 1902.

NAME OF COMPANY.	NAME OF MINE.	No. of Miners.	No. of Laborers.	Days Worked	Output Long Tons.
ALLEGANY COUNTY.					
Consolidation Coal Co.	Ocean No. 1	440	214	264	
"	" No. 2	10	3	309	
"	" No. 3	336	137	278½	
"	" No. 3½		33	36	1,745,843.14
"	" No. 7	565	250	288½	
"	Pumping Shaft	8	43		
"	Ocean No. 8	55	16	194½	
"	Frost Mine	16	8		
"	Miscellaneous		96	260	
Barton & G. C. Valley Coal	Carlos	220	65	191	246,696.10
Maryland Coal Co.	Appleton			201½	
"	Patton	330	70	230	373,399
Piedmont & Georges Creek	Washington No. 1	91	35	265	89,871.18
"	" No. 2	30	19		31,496.12
H. & W. A. Hitchins	"	75	11		58,621
Union Mining Co.	Union No. 1	275	29		
"	" No. 2	320	60		900,883.17
"	Potomac	52	25		46,967.03
American Coal Co.	Jackson	206	32		
"	Caledonia	92	19		348,920
Georges Creek Coal & Iron	No. 1 & Cutter	100	9		
"	Pine Hill	46	6		275,399
"	Colombia	29	6		
New Central Coal Co.	Koontz	104	29		133,912
Lonaconing Coal	Shamrock	66	7	253	103,166
Midland Mining Co.	Enterprise	32	10	224	50,528.05
Piedmont Mining Co.	Moscow	33	10		32,776
"	Excelsior				8,147
Dickey, Gibson Coal	Tacoma	84	22		55,088
Piedmont Cumberland Coal	Hampshire	89	13		54,321
Frostburg Coal Mining	Morrison	20	18	180	21,624
Cumberland & Georges Creek	Penn	15	10		13,482
Phoenix Mining Co.	Phoenix	25	7		5,506
Chapman Coal Mining	Swanton	20	5		1,389
Moscow, Georges Creek Coal & Coke	Moscow No. 1	20	5		2,999
W. A. Somerville	"				1,387
Cumberland & Westernport Coal	"				3,103
Total		3,804	1,302		4,605,526.19

Total employees, 5,106.

NAME OF COMPANY.	NAME OF MINE.	No. of Miners.	No. of Laborers.	Days Worked.	Output. Long Tons.
GARRETT COUNTY.					
Davis Coal & Coke Co.	Franklin	62	24	275	73,353
" "	Buxton	132	40	309	128,809
Monroe Coal Mining Co.	Four Foot	28	6	252	18,614.16
" "	Six Foot	33	9	264	25,428.06
Blaine Mining Co.	Dill	30	13	191	32,444
Garrett County Coal & Mining Co.	"	21	7	181	15,400
G. C. Pattison Co.	Pattison	29	11	225	33,412
Meadow Mountain Coal & Coke	Bittinger		10	750
Total		335	120	328,211.06
FIRE CLAY MINERS.					
Savage Mountain Fire Brick Co.		9	3	305
Union Mining		69	31
Total		78	34	305

Employees in and around the mines in Allegany and Garrett Counties, 5,673. This is exclusive of men employed in brickyards.
Tons of coal mined, 4,933,738.01.