

ANNUAL REPORT
OF THE
MINING INSPECTOR
OF THE
STATE OF MARYLAND

Under the Supervision of the State Board of Labor and Statistics
CHAS. J. FOX, Chairman

From May 1st, 1919, to May 1st, 1920



TO THE
HON. ALBERT C. RITCHIE
GOVERNOR OF MARYLAND

Compliments of FRANK T. POWERS
State Mine Inspector



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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 my First Annual Report as State Mine Inspector for Allegany and Garrett Counties for the period from May 1, 1919, to May 1, 1920, in compliance with the requirements of the Mining Laws of the State of Maryland.

Respectfully yours,

FRANK T. POWERS,
Mining Inspector.

REPORT OF STATE MINE INSPECTOR.

To His Excellency,

HON. ALBERT C. RITCHIE,
Governor of Maryland.

Sir:—The report herewith submitted is for the period from May 1, 1919, to May 1, 1920, being my first annual report, which embraces the Forty-fourth Annual Report upon the conditions of the coal mines within the State.

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

	1919.	1920.
Pick	3,540,505	2,671,246
Machine	176,054	294,112
TOTAL.....	3,716,559	2,965,358

The above shows a decrease of 751,201 tons during the year 1920.

During the year ending May 1, 1920, Allegany County employed 2,490 miners, 303 drivers, 716 inside laborers and 657 outside laborers, making a total of 4,166 men, showing a decrease of 772 men compared with that of the previous year.

The production of coal for Allegany County for the year ending May 1, 1920, was 2,160,288 tons, showing a decrease of 562,902 tons from that of 1919. It also shows a production of 867 tons for each miner employed during the year 1920.

GARRETT COUNTY PRODUCTION.

During the year ending May 1, 1920, Garrett County employed 648 miners, 91 drivers, 176 outside laborers and 146 inside laborers, making a total of 1,061 men, showing a decrease of 68 men compared with that of the previous year.

The production of coal for Garrett County for the year ending May 1, 1920, was 754,401 tons, showing a decrease of 163,019 tons from that of 1919. It also shows a production of 1,164 tons for each miner employed during the year 1920.

FIRE CLAY PRODUCTION.

During the year ending May 1, 1920, the clay mines in Allegany County employed 75 miners, 15 drivers, 34 outside laborers and 28 inside laborers, making a total of 152 men, showing a decrease of 108 men, compared with that of the previous year.

The production of clay for Allegany County for 1920 was 50,669 tons, showing a decrease of 25,280 tons from that of 1920. It also shows a production of 684 tons of clay for each miner employed during the year 1920.

TONNAGE PER FATALITY.

In Allegany County for the year of 1919-20 there was 423,622 tons of coal produced for each fatal accident, while in Garrett County for the same year there was 377,200 tons of coal produced for each fatal accident.

MARYLAND MINE INSPECTORS

PETER CAIN,
From May, 1874, to May, 1876.
OWEN RIORDAN,
From May, 1876, to May, 1880.
THOMAS BROWN,
From May, 1880, to May, 1884.
DENNIS SHERIDAN,
From May, 1884, to May, 1886.
CHARLES H. HAMMIL,
From Sept. 9, 1886, to May, 1888.
R. T. BROWNING,
From May, 1888, to May, 1892.
F. J. McMAHON,
From May, 1892, to May, 1896.
OTTO HOHING,
From May, 1896, to May, 1898.
ALEXANDER RANKIN,
From May, 1898, to May, 1900.

JAMES P. CARROLL,
From May, 1900, to May, 1904.
THOMAS MURPHY,
From May, 1904, to May, 1908.
JOHN H. DONAHUE,
From May, 1908, to May, 1912.
WILLIAM WALTERS,
From May, 1912, to May, 1916.
JOHN L. CASEY,
From May, 1916, to March 20, 1918.
JOHN POWERS,
From April 1, 1918, to June 1, 1918.
FRANK POWERS,
From June 1, 1918, to Sept. 1, 1918.
LAWRENCE DUNN,
From Sept. 1, 1918, to August 1, 1919.
FRANK POWERS.

RECOMMENDATIONS.

I desire to recommend for your consideration amendments of the Mining Law, and I desire to state that I think that these changes are necessary to all parties concerned:

1. Any operator, or agent of a coal mine before making any new or additional openings, shall submit to the Mine Inspector, for his in-

formation and approval, a plan showing the proposed system of ventilation and equipment of the openings with their location and relative positions to adjacent development; and no such new or additional openings shall be made until approved by the Mine Inspector.

2. I, also, desire to recommend for your consideration that it shall be the duty of every mine owner or operator in this State whose mines are known to liberate fire damp or other dangerous gas or gases to employ a fire boss or bosses, if necessary, who shall be a citizen or resident of this State. He shall have such knowledge of fire damp and other dangerous gases as to be able to detect the same with the use of safety lamps, and shall have a practical knowledge of the subject of the ventilation of mines and the machinery and appliances used for that purpose, and be a person with at least three years' experience in mines liberating explosive gases.

3. It shall be the duty of said fire boss, or bosses, where employed in such gaseous mines to prepare a danger signal at the mine entrance and no person except the mine owner, operator or agent, and only then in case of necessity, shall pass beyond this danger signal until the mine has been examined by the fire boss, and the same or certain parts thereof reported by him to be safe. It shall further be the duty of said fire boss, or bosses, to go into all the working places of such mine or mines where gas is known to exist, or liable to exist, and carefully examine the same with a safety lamp, and do, or cause to be done, whatever may be necessary to remove from such working place or places, all dangerous or noxious gases, and make the same safe for persons to enter therein as workmen in such mine or mines; such examination and removal of said gases shall begin within three hours before the time each shift commences work, and it shall be the duty of the said fire boss at each examination to leave evidence of his presence at the face of every place examined, and the date of examination. If the mine is safe, he shall remove the danger signal at the mine entrance, in order that the employees may enter said mine and begin work.

4. The fire boss shall, upon having completed the examination of the mine before each shift, make a written record of the condition of the mine within a book having a form prescribed by the Mine Inspector, which record shall at all times be kept at the mine, subject to the inspection of the Mine Inspector.

5. In the performance of the duties devolving upon the fire bosses they shall have no superior officers, but all the employees working inside of said mine or mines shall be subordinate to said fire boss or bosses, in his particular work.

FATAL ACCIDENTS FROM

Name of Company.	Mine.	Name of Person Injured.	Occupation.	Married or Single.
Consolidation Coal Co.	No. 9	Malcolm Layman	Miner	Married
Maryland Coal Co.	Kingsland	John Anderson	Miner	Married
Brophy-Hitchins	Bowery Furnace	Jacob Laurick	Miner	Married
George's Creek C. Co., Inc.	No. 1	John A. Wilson	Miner	Married
George's Creek C. Co., Inc.	No. 1	David F. Beeman	Miner	Married
Clair Coal Company		Homer Evans	Miner	Married

MAY 1, 1919, TO MAY 1, 1920

Age.	Family.	Nationality.	Residence.	Cause of Accident.
22	2	American	Frostburg, Md.	Piece of rock fell from the roof, injuring him fatally.
52			Lonaconing, Md.	Caught by loaded mine car and dragged to death.
50		Italian	Eckhart, Md.	Roof fell, striking him on back, breaking his back. He died August 2, 1920.
33	2	American	Lonaconing, Md.	Killed by fall of rock.
41	6	American	Lonaconing, Md.	Fall of rock. Died on Jan. 14th, from injuries.
	5	American	Westernport, Md.	While working in the mainentry; caused by a horseback slip running in the rock roof and over the roadway, the roadway preventing the timber to some extent.

FATAL ACCIDENTS

On August 1, 1919, Mr. Malcolm Layman, a miner, while working at Mine No. 9 of the Consolidation Coal Co., was seriously injured by a fall of rock.

On March 19, 1920, Mr. John Anderson, a miner, while working at Kingland, of the Maryland Coal Co., was caught by a loaded mine car and dragged to death.

On April 12, 1920, Mr. Jacob Laurick, a miner, while working at Bowery-Furnace of the Brophy-Hitchens Coal Co., had his back broken by the fall of the roof. Mr. Laurick died on August 2, 1920.

On May 1, 1919, Mr. John A. Wilson, a miner, while working at George's Creek Mine No. 1, was killed by a fall of rock.

On January 8, 1920, Mr. David F. Beeman, a miner, while working at Mine No. 1 of the George's Creek Coal Co., Inc., was injured by a fall of rock. Mr. Beeman died on January 14th, from injuries.

GARRETT COUNTY FATAL ACCIDENTS.

On September 27, 1920, Mr. Nick Cheroskie, a miner, while working at Dodson of the Garrett County Coal Mining Co., was seriously injured while shooting dynamite in coal which went off catching him.

NON-FATAL ACCIDENTS DURING THE YEAR 1919-1920 IN ALLEGANY COUNTY

CONSOLIDATION COAL COMPANY, NO. 1.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 1	Paul Nelson	Miner	21	Single	7		American	Midland Md.	Struck by point of pick below knee.
20	Wm. H. Beeman	Miner	46	Married	44	1	American	Lonaconing, Md.	Horseback fell out; cut head and back and wrenched knee.
25	Andy Laslo	Miner	53	Married	33	7	Hungarian	Midland Md.	Draw slate fell; bruised head and kneecap.
26	John Gilme	Miner	49	Married	46	6	American	Frostburg, Md.	Roof coal fell; knocked bar down, bruising hip.
13	Wm. Polanis	Miner	47	Married	26	6	American	Ocean, Md.	Was barring a rock; bar slipped; cut three fingers badly.
Aug. 8	Thos. B. Alexander	Miner	58	Married	55	9	American	Gilmore, Md.	Was pending rail; it slipped; cut both hands.
Sept. 18	Michael Grimes	Larry Runner	45	Married	18	7	American	Ocean, Md.	Load started, catching leg between bumpers of cars; bruised between knee and ankle.
13	Thos. A. Jackson	Miner	44	Single	4		American	Frostburg, Md.	Prop slipped; caught first finger, bruising and lacerating it.
Oct. 24	Thos. P. Kenny	Miner	25	Married	23	5	American	Midland, Md.	Was cutting prop; axe slipped, cutting instep.
Oct. 24	James Sevensky	Miner	25	Single	2		American	Midland, Md.	Slipped and fell, bruising knee.
Oct. 16	Bernard McPartland	Miner	44	Married	69	6	American	Lonaconing, Md.	Car jerked; cut finger on saw, causing bone felon.
Oct. 22	Patrick McKenna	Miner	24	Married	29	8	American	Gilmore, Md.	Fell and cut hand badly on axe.
Nov. 19	Wm. J. Jenkins	Miner	56	Married	24	2	American	Ocean, Md.	Piece of breast coal fell on foot, bruising instep.
1920— Jan. 22	Salem Hubertson	Miner	57	Married	20		American	Ocean, Md.	Kicked in side by mule; rib cracked.
Feb. 24	R. L. Scott	Miner	54	Married	23	1	American	Eckhart, Md.	Was lifting lump coal on car; bumped finger against roof, smashing second finger of right hand.
Mar. 12	Victor Rephan	Miner	29	Married	12		American	Midland, Md.	Horse tramped on rail; end flew up; cut both legs.
Mar. 19	Hugh Cunningham	Driver	28	Single	17		American	Midland, Md.	Car jumped track; foot caught between bumpers; instep bruised.
Mar. 22	Clifford Knippenberg	Driver	26	Single			American		

CONSOLIDATION COAL COMPANY, NO. 3.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 21	George Kroll	Laborer	29	Single	23		American	Frostburg, Md.	Caught little finger of right hand between prop and car, bursting it.
9	H. R. Hamilton	Miner	52	Married	10	5	American	Frostburg, Md.	Prop fell; bruised short ribs on left side.
20	Abram Gordon	Miner	36	Married	49	9	American	Frostburg, Md.	Breast coal fell, knocking him over bottoms; bruised face and shoulders.
26	Arthur M. Norris	Laborer	23	Married	None		American	Frostburg, Md.	Was picking up board for scaffold; ran nail in right hand.
May 24	Benj. B. Lewis	Miner	89	Married	58	4	American	Frostburg, Md.	Roof coal fell; bruised muscles over right hip.
5	Franklin Griffith	Laborer	19	Single	12		American	Hofman, Md.	Was cutting off prop; axe glanced, severing artery in left arm.
June 28	Edw. L. Hunter	Laborer	25	Single	19		American	Frostburg, Md.	Was putting car on track; pry slipped, smashing third finger of right hand.
July 21	John Harris	Laborer	49	Married	27	4	Welsh	Frostburg, Md.	Making wedge; cut artery of thumb of left hand.
July 21	Wm. Nelson	Miner	23	Married	1		American	Frostburg, Md.	Struck right hand on buddy's shovel; cut thumb.
July 31	Philip Everline	Larry Runner	44	Married	20	5	American	Frostburg, Md.	Caught thumb of right hand in end gate of larry, smashing it.
July 31	James Warnick	Miner	40	Married	62	10	American	Frostburg, Md.	Roof fell, fracturing thigh and injuring internally.
July 31	Roy Griffith	Laborer	17	Single	8		American	Hofman, Md.	Struck thumb on piece of slate; blood poison of first finger of right hand.
Sept. 4	James Nelson	Miner	25	Married	8	4	American	Frostburg, Md.	Cut hand on piece of slate; blood poison of first finger of right hand.
Sept. 8	Ernest McKenzie	Miner	25	Married	8	1	American	Shaft, Md.	Was making block; axe handle caught him to cut thumb.
Sept. 8	Herbert Gunter	Miner	36	Married	8	1	American	Frostburg, Md.	Was making block to tighten prop; handle of axe caught and cut hand.
Sept. 28	Joseph Ratrik	Miner	55	Married	20	4	American	Frostburg, Md.	Breast coal fell; caught second finger of right hand, smashing it.
1920— Feb. 25	James Parker	Miner	60	Married	11	7	American	Frostburg, Md.	Was handling props, and injured stomach.
Apr. 8	J. Ernest Combs	Driver	36	Married	47	1	Negro	Frostburg, Md.	Car jumped track; left foot caught; small bone broken and flesh burst.

CONSOLIDATION COAL COMPANY, NO. 4.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 26	Albert Shanholtz	Miner	44	Married	13	1	American	Eckhart, Md.	Piece of roof coal fell and cut head.
July 11	Henry Rephorn	Miner	48	Married	58	4	American	Eckhart, Md.	Was using poker to make fire; ruptured himself.
Sept. 2	James T. Rowe	Miner	39	Married	27		American	Eckhart, Md.	Lump of coal fell off car; struck thumb, bruising it.
1920— Feb. 5	John Holsinger	Rope Rider	24	Married	8	1	American	Eckhart, Md.	Larry left rail; handle hit him on arm, fracturing wrist bone.

CONSOLIDATION COAL COMPANY, NO. 6.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 1	Stanley Neat	Miner	22	Married	2	1	American	National, Md.	Had load off and was crawling around load; ran nail in palm of hand. Caught finger between piece of rock and gob wall, smashing it. Was using piece of T-iron for lever; it fell and caught little finger, breaking it. Left leg caught between cars; bruised and lacerated.
May 2	Wm. Westerman	Miner	26	Married	4		American	Frostburg, Md.	
Oct. 28	Edw. Jones	Miner	31	Single	19		Welshman	Lord, Md.	
Nov. 20	Wm. Patterson	Miner	35	Married	29	2	American	National, Md.	

CONSOLIDATION COAL COMPANY, NO. 7.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 27	Mike Zayas	Miner	42	Married	5		Hungarian	Lord, Md.	Was turning lump of coal over when a lump fell on hand, bursting palm. Top coal fell; hurt across small of back, head cut. Caught left thumb in hitching; burst the nail. Caught index finger between props and roof, smashing it. Went to raise brakes; left hand slipped; hand burst, little finger broken. Claim was made by Betts that he was injured. Lump fell from breast; broke big toe of left foot. Stepped on prop; sprained left ankle.
May 28	Henry Schell	Miner	58	Married	32	6	American	National, Md.	
May 24	Arch. Holt	Driver	38	Married	2		American	Midlothian, Md.	
July 1	Andy Shinshek	Lab. & Driver	27	Married	6		Hungarian	Lord, Md.	
July 10	Thos. Lepitic	Miner	17	Single	8		American	Lord, Md.	
Aug. 7	Earl Betts	Miner	10	Single	41	18	American	Lord, Md.	
Nov. 20	Joseph Cesnyke	Miner	43	Married	32		Hungarian	Lord, Md.	
1920— Jan. 5	Harry McKenzie	Laborer	30	Married	16	4	American	Frostburg, Md.	

CONSOLIDATION COAL COMPANY, NO. 8.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— June 25	Patrick Creegan	Driver	22	Single	8		American	Midland, Md.	Horse fell; bruised Creegan's kneecap.

CONSOLIDATION COAL COMPANY, NO. 9.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— June 27	Marshall Dowdon	Miner	21	Married	Never returned	1	American	Zihlman, Md.	Jack slipped; car fell, catching right leg, spraining knee and ankle. Was shoveling coal in car; strained right side. Was picking up spreader; mule started car; caught left hand between car and spreader, bruising it. Caught his finger against jack, bursting middle finger left hand. Was putting chuck under car; caught right hand under wheel, cutting palm, smashing four fingers. Was lifting car on track and strained his back. Was coupling trip; caught finger between drawbar and hitching; first finger of left hand amputated. Piece of draw slate fell, bruising back of left hand. Had powder in coat pocket; got into trip; powder exploded; burned arms and face. Was running cars to scales; sprained ankle. Was pushing car; slipped, bruising left leg below knee. Strained his back. Sprained his back while pushing loaded car. Attempted to check car which had no brake; smashed thumb. Middle finger of right hand caught between bumpers of cars; amputated. Was digging coal; piece flew in eye, bruising it.
June 5	George Carelli	Miner	34	Married	28	7	Italian	Morantown, Md.	
July 10	Antony Miglic	Miner	29	Married	4	4	Italian	Mt. Savage, Md.	
July 22	R. J. Robertson	Miner	49	Married	21	5	American	Frostburg, Md.	
July 25	Bernard Preston	Miner	17	Single	60		American	Frostburg, Md.	
July 29	Patsy Enrico	Miner	28	Single	47	2	Italian	Frostburg, Md.	
Aug. 22	Maurice Lee	Motorman	33	Single	51		American	Frostburg, Md.	
Aug. 5	George Martz	Miner	57	Single	269	7	Italian	Frostburg, Md.	
Sept. 11	Edward Beeman	Miner	92	Single	109		American	Lonaconing, Md.	
Sept. 19	Robert Lehr	Miner	23	Single	8		American	Frostburg, Md.	
Sept. 17	Revis Sparr	Miner	37	Married	40	6	Italian	Morantown, Md.	
Sept. 19	Joseph Perry	Miner	34	Single	38		Italian	Frostburg, Md.	
Oct. 8	Pascuale Zozmicinio	Miner	27	Married	0	5	Italian	Frostburg, Md.	
Oct. 16	Frank Male	Miner	23	Single	27		Italian	Eckhart, Md.	
Oct. 15	James E. Omer	Brakeman	22	Single	66		American	Frostburg, Md.	
Oct. 17	Dominick Orbell	Miner	36	Married	1	3	Italian	Frostburg, Md.	
1920— Feb. 6	John Evans	Pumper	54	Married	50	3	American	Frostburg, Md.	

CONSOLIDATION COAL COMPANY, NO. 10.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 19	Thos. Lewis	Laborer	47	Married	185	9	American	Eckhart, Md.	Piece of draw slate fell; struck him on back and side; back injured. Was cutting coal; draw chain broke; flying link struck right arm, lacerating it. Was putting block under car; lever slipped; car dropped, smashing first finger of right hand. Disconnected brake threw him against corner of car, breaking rib on right side. Leg caught between cars; foot badly bruised.
May 20	Paul Chabot	Mach. Operator	40	Married	18	4	American	Frostburg, Md.	
June 9	Maurice Myers	Carpenter	45	Married	15	2	American	Eckhart, Md.	
July 16	Anthony Ritchie	Brakeman	29	Married	13	1	American	Frostburg, Md.	
Nov. 19	James R. Close	Miner	46	Married	7	8	American	Eckhart, Md.	

CONSOLIDATION COAL COMPANY, NO. 11.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Sept. 21	Edw. Hensell	Miner	22	Single	49	8	American	Frostburg, Md.	Wedge slipped; struck finger with axe; first finger of left hand cut off at first joint. Was pushing car; foot slipped; car started back; either slipped or grabbed car, straining himself.
Apr. 17	Robert Brain	Miner	58	Married	83		Englishman	Midlothian, Md.	

CONSOLIDATION COAL COMPANY, NO. 12.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 15	Chas. Bluebaugh	Driver	44	Single	2		American	Frostburg, Md.	Wrench fell on left foot; bruised instep. Axe glanced; cut foot just back of big toe. Lump coal fell, striking left foot, breaking big toe. Was tearing down door; stepped on nail. Stepped in prop hole and bumped knee on nail. Breast fell, bruising head and hand. Was digging; pick glanced; cut instep of left foot. Horseback fell, injuring head and back. Caught middle finger between props; burst end. Roof coal came down; hit him on head and injured hips. Was making wedge, cut thumb. Piece of coal fell off car; cut arm. Lump of coal fell from chute; bruised foot. Prop discharged; struck left foot, smashing two toes. Caught by piece of rock; head cut, hand scratched. Was shoveling in tight place; strained back. Was cutting tie; axe glanced; cut left leg. Struck with pick by another miner; leg cut above knee.
May 16	Edw. Harvey	Timberman	57	Married	20	5	Englishman	Frostburg, Md.	
May 20	Robert Ritchie	Miner	35	Married	26	1	American	Borden Shaft, Md.	
June 4	George Tennant	Timberman	36	Married	12	2	American	Borden Shaft, Md.	
June 5	Thos. Gibby	Miner	40	Single	5		American	Frostburg, Md.	
June 9	Albert Plummer	Miner	46	Married	10	7	American	Frostburg, Md.	
June 10	John R. Meager	Miner	41	Married	None		Englishman	Frostburg, Md.	
June 12	Grover C. Tippen	Miner	33	Single	5	6	American	Borden Shaft, Md.	
June 14	Frank Powers	Miner	34	Single	3		American	Frostburg, Md.	
July 18	Thos. F. Gibby	Miner	42	Single	21		American	Frostburg, Md.	
Aug. 14	David A. Middleton	Miner	25	Single	17		American	Carlos, Md.	
Sept. 18	J. Marshall Brode	Miner	21	Married	25		American	Frostburg, Md.	
Sept. 23	Thos. Allen	Coal Inspector	65	Married	92	4	Englishman	Zihlman, Md.	
Sept. 29	Wm. Castiel	Miner	53	Married	98	2	American	Frostburg, Md.	
Nov. 19	Frank Perry	Miner	42	Married	3	7	American	Midlothian, Md.	
Nov. 17	James Quinn	Miner	40	Married	29	4	American	Borden Shaft, Md.	
Nov. 25	Wm. F. Griffith	Miner	24	Single	21		American	Frostburg, Md.	
Dec. 30	Fred James	Miner	42	Single	6		American	Frostburg, Md.	
1920— Jan. 7	Arthur Meeks	Driver	28	Married	19		American	Grahamtown, Md.	
Jan. 23	John Hendley	Miner	27	Married		1	American	Frostburg, Md.	
Jan. 27	Lewis Rank	Timberman	20	Single	26		American	Grahamtown, Md.	
Jan. 29	Fred Plummer	Miner	21	Single			American	Shaft, Md.	
Jan. 30	Grover Tippen	Miner	34	Single			American	Frostburg, Md.	
Feb. 21	Richard H. Thomas	Miner	43	Married	55		American	Frostburg, Md.	
Feb. 27	Wm. Lyons	Miner	25	Married			American	Shaft, Md.	
Feb. 28	Chas. Thomas, Jr.	Miner	31	Single	69		American	Frostburg, Md.	
Feb. 28	Richard H. Thomas	Laborer	43	Married			American	Frostburg, Md.	
Apr. 19	Samuel Piler	Miner	37	Married	16		American	Carlos, Md.	
Apr. 20	John Kerr	Miner	36	Married		1	American	Shaft, Md.	

CONSOLIDATION COAL COMPANY, NO. 13.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 21	Wesley Miller	Miner	46	Married	15	9	American	Frostburg, Md.	Ran into prop with tamp needle; ran it into hand. Was cutting prop; chip hit him in eye, puncturing blood vessel. Was going back in mine for car; mule kicked him in mouth, cutting lip. Thumb of left hand injured, causing blood poison.
June 2	Edmond Lewis	Miner	62	Married	2	7	Welshman	Frostburg, Md.	
Sept. 4	Rudolph Lewis	Driver	18	Single	18		American	Frostburg, Md.	
Oct. 7	Richard Pugh	Miner	42	Married	40	7	American	Frostburg, Md.	
1920— Jan. 5	Lloyd Winters	Miner	25	Married	None	8	American	Frostburg, Md.	Ran nail in foot.

CONSOLIDATION COAL COMPANY, NO. 14.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— July 14	Francis Kirby	Driver	19	Single	4		American	Zihiman, Md.	Was putting barrel in car; caught ring finger of right hand between car and barrel, splitting it.
Sept. 11	W. Williams	Miner	37	Married	25	5	American	Zihiman, Md.	Rib slid in knocking timber out, catching him and bruising side of body and face.

CONSOLIDATION COAL COMPANY, NO. 16.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Oct. 4	Paul Garlitz	Rope Rider	22	Single	7		American	Frostburg, Md.	Rope pulled off sheave wheel, bruising leg.
1920— Apr. 13	Jacob Schmale	Miner	55	Married	17	5	German	Midland, Md.	Breast coal fell on left hand; amputated.

MACHINE SHOP.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1920— Feb. 3	Frank Rephorn	Machinist	56	Married	3	4	American	Frostburg, Md.	Slipped on ice and sprained ankle.

CALEDONIA COAL COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
	Edward Clark	Engineer	55	Married		3	Irish	Barton, Md.	Struck head on fire box of engine and put cut in head.

ALLEGANY BIG VEIN.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— June 13	Roy Folk	Miner	22	Single			American	Mt. Savage, Md.	Roof fell on him.

CHAPMAN COAL MINING COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Oct. 4	John McCutcheon	Miner	45	Married	27	2	American	Moscow Mills, Md.	Breast coal fell on right leg, bruising same; no bones broken.
Nov. 7	M. Fitzgerald	Miner	52	Married	30	6	American	Barton, Md.	Draw slate fell while mining coal, injuring back; no bones broken.

MARYLAND COAL COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— June 27	A. Stewart	Mine Foreman	35	Married	190			Lonaconing, Md.	Rock fall; compound fracture of right leg.
July 22	Patrick O'Halloran	Driver	28	Married	34			Lonaconing, Md.	Hand caught between car and prop; right hand injured.
Aug. 24	William Beeman	Miner	22	Single	20			Lonaconing, Md.	Rock fall; sprained about neck, back, and chest.
Sept. 18	James Foley	Machinist	35	Married	8			Lonaconing, Md.	Hand caught in mine machine; hand cut and bruised.
Sept. 18	Frank Lesse	Miner	25	Single	32			Lonaconing, Md.	Rock fall; back bruised and head cut.
Oct. 13	Charles Moody	Elec. Helper	28	Married	94			Lonaconing, Md.	Rock fall; back bruised.
Dec. 10	William T. Barnes	Blacksmith	58	Married	2			Lonaconing, Md.	Lamp exploded in hand; left hand bruised.
Dec. 27	Aleck Watson	Miner	48	Married	2			Lonaconing, Md.	Male kicked; hand cut and bruised.
1920— Jan. 19	George Knetz	Roadman	48	Married	16			Lonaconing, Md.	Caught between car and roof; back sprained.
Mar. 5	William Mullin	Miner	24	Married	10			Lonaconing, Md.	Crossbar fell on back; bruised.
Mar. 12	Charles Moreau	Asst. Roadman	45	Married	11			Lonaconing, Md.	Rock fall; leg injured.
Mar. 20	William Dohme	Miner	49	Married	10			Moscow, Md.	Hand caught between two cars; finger injured.
Apr. 2	George G. Enoie	Miner	35	Single	29			Moscow, Md.	Rock fall; hand injured.
Apr. 9	Elijah Beeman	Miner	40	Married	24			Moscow, Md.	Rock fall; hand injured.
					18			Midland, Md.	Caught between car and roof; hand injured.

BROPHY-HITCHINS COAL COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Aug. 21	John McGowan	Laborer	40	Married			American	Midland, Md.	Was dropping cars into working place; he uncoupled one car and ran it into the working face and, on account of the brake on the second car not being down, it ran into the first car, catching his leg between bumper, squeezing and bruising leg badly.
Dec. 30	David Phillips	Laborer	40	Married			American	Frostburg, Md.	Was spiking down track and spike flew, hitting him in the eye, bruising the eyeball and scratching face above and below the eye.
Mar. 8	Richard Meagher	Laborer	65	Married			American	Midlothian, Md.	Mr. Meagher and another employee were carrying a large prop; the other party fell, allowing prop to fall on Mr. Meagher's leg; calf and bone of leg badly bruised.
Mar. 20	Edward Fields	Miner	27	Single			American	Midlothian, Md.	Roof fell, breaking his arm and bruising foot and leg.
Apr. 22	John Blocher	Miner	19	Single			American	Midlothian, Md.	Was cutting prop wedge; axe slipped and cut his wrist.
Apr. 23	Richard J. Meagher, Jr.	Laborer	19	Single			American	Frostburg, Md.	Was examining lights on motor when wires shortcircuited, causing an electric flash and burning him about eyes and face.

GEORGE'S CREEK COAL MINING COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Dec. 17	Wm. J. B. Miller	Miner	22	Single	35		Native	Lonaconing, Md.	Fall of slate; right leg injured.
Dec. 24	James Robertson	Miner	37	Married	30	7	Native	Lonaconing, Md.	Fall of slate; fractured nine ribs; left side of body bruised.
Jan. 26	W. O. Jones	Miner	40	Married	3	2	Native	Lonaconing, Md.	Premature explosion of shot.
Feb. 16	John R. Kidd	Laborer	30	Married	4	2	Native	Lonaconing, Md.	Wedge fell from crossbar, striking great toe.
Apr. 4	Geo. Myers	Laborer	39	Married	42	6	Native	Lonaconing, Md.	Lacerated hand and blood poison.

McNITT, COAL COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1920— Feb. 29	John Fatkin	Weigh Boss	45	Married	2 months	4	American	Carlos, Md.	While taking up track a piece of steel flew, striking him in eye; totally blind in left eye.
Apr. 26	C. N. Ewingstone	Laborer	26	Married	5 weeks		American	Midlothian, Md.	Caught finger between rope drag and bumper of car; end of first finger on right hand cut off.

THE MCKEE COAL COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Aug. 8	Edward Stevenson	Weigh Master	45	Married	50	2	American	Lonaconing, Md.	Fell off tippie; foot cut and bruised.
Sept. 19	Chas. Whitman	Stable Boss	17	Single	17		American	Lonaconing, Md.	Kicked in face by mule; jawbone injured.
Oct. 7	Thos. Dohm	Laborer	53	Married	62		American	Lonaconing, Md.	Along rollers; caught finger between rock and roller; first finger smashed.
Oct. 13	Henry Marton	Laborer	55	Married	2 months		American	National, Md.	Struck on leg with tie; leg bruised and blood poison set in.
1920— Mar. 18	Henry H. McKee	Driver	20	Single	1 month		American	Lord, Md.	While leading horse, stumbled and fell; both bones of left forearm broken between wrist and elbow.

G. C. PATTISON COAL COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1920— Jan. 15	Thos. Sivian	Mine Foreman		Married		8	American	Bloomington, Md.	Second and third fingers of left hand mutilated by motor while shifting mine track latch.

MT. SAVAGE GEORGE'S CREEK COAL CO.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Aug. 5	Wm. P. Hart	Weighman	44	Married		5	American	Mt. Savage, Md.	Running cars across scales; hand slipped off brakes; neck and chin struck top of rail car.
Oct. 29	Elmer Bridges	Miner		Single			American	Mt. Savage, Md.	Lifting mine car; pony jerked and caught forearm between car; sprained wrist.
Dec. 17	Robert Sturtz	Dumpman	21	Single	7		American	Mt. Savage, Md.	Leading pony slipped on ice, getting left hand under wheel of car.
1920— Apr. 17	Henry Stafford	Spragger	22	Married	5 or 6 weeks		American	George's Creek Mine, Md.	Stafford, braking upon hill, caught arm; wedged between roof; cut finger on slate.
Mar.	Isaac Huff	Miner	43	Married	3 weeks		American	George's Creek Mine, Md.	

PIEDMONT & GEO. CREEK COAL COMPANY, WASHINGTON NO. 1.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— June 20	Nimrod Duckworth	Laborer	42	Married			American	Westernport, Md.	Motor pushed car of rock over end of track, catching his leg, resulting in his leg and foot being squeezed and bruised.
Sept. 2	Roy Pritz	Laborer	25	Single			American	Westernport, Md.	Was cutting coal with mining machine when cutter bar slipped, striking him on the head, cutting head badly.
Sept. 22	Enrico Mazzia	Miner	32	Single	19		Italian	Westernport, Md.	Was lifting a car on track; he slipped and caught fingers between car bumper and pavement, smashing two fingers on left hand.
Dec. 30	Gas Raines	Miner	50	Married			American	Westernport, Md.	Was coupling two cars; foot slipped; car came together, catching thumb between bumpers of car, badly smashing thumb.
1920— Apr. 15	Edward H. Jackson	Miner	23	Married			American	Barton, Md.	Was making powder cartridge when lamp came in contact with powder and ignited same, burning him about hand, arm, and chest.

PIEDMONT & GEO. CREEK COAL COMPANY, WASHINGTON NO. 2.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Nov. 25	Albert Sandvick	Laborer	28	Single	25		American	Eckhart, Md.	Was placing set of timber when prop slipped, catching his hand between roof and prop.
1920— Feb. 2	Thomas Colgan	Miner	50	Married			American	Frostburg, Md.	Was cleaning up old galleries when a piece of rock fell from roof, falling on the pile of debris, sliding down and hitting him on the instep.

PIEDMONT & GEO. CREEK COAL COMPANY, WASHINGTON NO. 5.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Aug. 25	Vincent Wiland	Laborer	22	Married			American	Barton, Md.	He was operating an electric motor, pushing some empty cars, and cars left the track, piling up on motor, crushing his arm at the elbow.
Aug. 19	Louis Biddle	Miner	36	Married			American	Westernport, Md.	Was shoveling coal when roof fell, injuring him about back and hips.
1920— Apr. 26	Clyde Howard	Laborer	20	Single			American	Westernport, Md.	Was putting belt on motor that operates shaker screen; motor started, catching his leg between belt and pulley on motor, resulting in a fractured leg.

MONROE COAL MINING COMPANY, ELK RUN, NO. 3.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1920— May 5	F. E. Cosner	Digger	63	Married	15		American	Barnum, Md.	Rock fall; not serious.
Mar. 23	H. T. Cosner	Driver	25	Single	30		American	Barnum, Md.	Car squeeze; not serious.

SULLIVAN BROS. COAL COMPANY, SULLIVAN NO. 1.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— June 2	Paul Sandvick	Brakeman	23	Single	60	American	Eckhart, Md.	Two toes amputated; was engaged in gathering loaded cars in the mines when his foot was caught between the bumpers of two cars.	
Aug. 30	Owen Price, Jr.	Driver	53	Married	28	American	Eckhart, Md.	Third finger on left hand was broken and fourth finger crushed; engaged in hauling cars in the mine when car jumped the track, and caught his hand between car and mine prop.	
Sept. 2	Elmer Hansel	Miner	21	Single	14	American	Eckhart, Md.	Head was cut and third and fourth fingers on left hand crushed; blasted his coal in the morning and knocked out some of the timbers, and neglected to replace the same, which permitted some rock to fall on him.	
Sept. 9	Francis Chambers	Miner	25	Married	10	American	Eckhart, Md.	Right knee injured; Mr. Chambers claims he fell over a prop in the mines on September 9th, he continued to work until the 12th, and then reported his injury to us.	
Oct. 16	William Linnenbrogger	Driver	28	Married	21	American	Eckhart, Md.	Little finger on left hand crushed; was engaged in driving in the mine when a car jumped the track and caught his little finger between the car and a prop.	
1920— Mar. 15	David D. Jenkins	Driver	40	Married	56	American	Eckhart, Md.	Third finger on left hand crushed and amputation necessary; engaged in shifting a piece of rock in mine car when a fellow-workman threw another piece of rock into the car, catching Mr. Jenkins' fingers between the pieces of rock.	
Mar. 22	Joseph Connelly	Miner	19	Single	10	American	Frostburg, Md.	Both hands burned and bruised; was engaged in preparing for a blast when cartridge prematurely exploded white hot was being tamped.	

SULLIVAN BROS. COAL COMPANY, SULLIVAN NO. 2.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— July 15	George Adams, Sr.	Miner	65	Widower	28	American	Midlothian, Md.	Small bone in shoulder broken; Mr. Adams was returning from work and fell on the road, injuring his shoulder.	
Dec. 17	James J. Canning	Miner	85	Widower	14	American	Frostburg, Md.	Body bruised; was on the motor riding to work, when the motorman lost control, and he was injured in falling from the motor.	
Dec. 26	Roy Wilson	Laborer	17	Single		American	Shaft, Md.	Ruptured mucous membrane of the stomach; loaded trip was being stopped at tippie when weight on rope pulled sheave wheel from its bearings and the rope swayed and struck him.	
1920— Jan. 29	Clarence White	Driver	19	Single	56	American	Midlothian, Md.	One finger badly lacerated and will have to be amputated, and his arm was cut between the elbow and shoulder; was engaged in hauling cars with an electric hoist when his glove caught on the rope, and his hand and arm were drawn about the drum.	

MOSCOW-GEORGE'S CREEK COAL MINING COMPANY, NO. 3.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Aug. 22	Andrew D. Wolford	Driver	40	Married	23	Native	Lonaconing, Md.	Walking beside car, which was derailed and struck leg a glancing blow.	

GEORGE'S CREEK COAL COMPANY, INC., NO. 1.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Apr. 13	Joseph Miller	Miner	43	Married	28	American	Lonaconing, Md.	Fall of rock injured kneecap.	
Apr. 15	Daniel Lancaster	Laborer	55	Married	53	American	Gilmore, Md.	Fall of rock badly bruised large toe.	
Dec. 31	Lee Cadwallader	Miner	43	Married	19	American	Gilmore, Md.	Fall of rock badly bruised finger on left hand.	
Dec. 31	Howard Longley	Miner	48	Married	40	American	Gilmore, Md.	Fall of rock; right ankle and foot bruised.	
Oct. 25	Joseph Broderick	Miner	34	Married	42	American	Lonaconing, Md.	Fall of rock bruised left side and leg.	
Oct. 30	Elias McKenzie	Miner	52	Married	Still disabled	American	Lonaconing, Md.	Fall of rock badly bruised right leg.	

GEORGE'S CREEK COAL COMPANY, INC., NO. 4.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Nov. 24	James Francis	Miner	45	Married	102	2	American	Lonaconing, Md.	Fall of rock badly bruised hips and legs.

GEORGE'S CREEK COAL COMPANY, INC., NO. 3.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— July 16	William Crowe	Miner	24	Married	30	2	American	Lonaconing, Md.	Fall of rock; large toe on left foot broken.

ALLEGANY BIG VEIN COAL COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— June 30	Roy Folk	Miner	24	Single			American	Mt. Savage, Md.	Fall of rock, injuring right hand and shoulder.

FROSTBURG BIG VEIN COAL COMPANY, NO. 1.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Oct. 8	Urban Shea	Driver	20	Single	30		American	Frostburg, Md.	Injury to right foot and leg.
1920— Jan. 13	Bernard Powers	Driver	21	Single	48		American	Frostburg, Md.	Right arm broken and bruised hips; riding mule and trace chain caught on track, and threw driver.
Feb. 2	Matthew Smith	Driver	19	Single	48		American	Frostburg, Md.	Fingers smashed loading rails on car.

WEST VIRGINIA PULP AND PAPER COMPANY, DEVON.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Feb. 5	Perry Smith	Roadsman	45	Married	18	4	American	Lunke, Md.	Hit on ankle by lump of coal.
Feb. 7	Steve Scrope	Miner	29	Single	86		Polish	Piedmont, W. Va.	Back crushed by fall of rock.
Feb. 20	Harry Voland	Miner	50	Married	37	4	American	Piedmont, W. Va.	Foot smashed by lump of coal falling out of face of place.
Jan. 3	Robt. Hatchkiss	Miner	30	Married	23	3	American	Westernport, Md.	Piece of rock fell out of roof and hit him in the back.
Jan. 19	Burrell Poland	Miner	23	Married	14	1	American	Piedmont, W. Va.	Hand smashed by brake on car.
July 7	Arthur Curling	Miner	26	Married	49	2	American	Westernport, Md.	Piece of rock fell out of the roof and hit him in the back.

ANNAN AND JEFFRIES COAL COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Aug. 19	John H. Miller	Miner	46	Married	1 week		American	Zihlman, Md.	Set off shot and piece of rock hit him on nose, breaking it.
Sept. 19	Henry Downton	Motorman	33	Single	1 month		American	Zihlman, Md.	Caught between motor and car; squeezed about hips.
Nov. 22	Jacob Pressman	Miner	60	Married	125		American	Frostburg, Md.	Hit by fall of rock; hips hurt.
1920— Feb. 19	John Festerman	Miner	47	Married	10		American	Frostburg, Md.	Piece of slate fell from roof, bruising his shoulder and leg.
Mar 12	Wm. Mears	Driver	23	Single	1 month		American	Zihlman, Md.	Was putting brake down on front car, and second car bumped into his hand, injuring second finger of right hand; finger taken off at first joint.
Apr. 6	Thomas Anderson	Trackman	67	Married	2 months		American	Zihlman, Md.	Was cutting a prop and piece of coal fell off of rib upon him; cut above eye, small bone in leg broken and bruised very badly about hips.
Apr. 6	Wm. Blacker	Timberman		Married	2 weeks		American	Frostburg, Md.	Rock fell on ankle; ankle hurt.

NON-FATAL ACCIDENTS DURING THE YEAR 1919 IN GARRETT COUNTY

HUBBARD COAL MINING COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1920— Apr. 14	Alston Decost Sam Decost	Driver Scraper	18	Single Single	5 14			Hubbard, Md. Hubbard, Md.	Hand caught between cars. Hip hurt on motor.

GARRETT CO. COAL AND MINING COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 7	John Godousk	Driver	42	Married	42	4	Austrian	Dodson, Md.	Running cars; hand caught between cars; lacerated left hand.
May 14	Tony Rubic	Miner	50	Single	12		Austrian	Dodson, Md.	Mining coal; rock fell on hand; lacerated right hand.
June 11	P. H. Pedelco	Miner	34	Married	52		American	Piedmont, W. Va.	Mining coal; rock fell, crushing through hips.
July 1	Frank Demetris	Miner	30	Single	54		Austrian	Dodson, Md.	Mining coal; rock fell; dislocated vertebrae; other minor injuries.
July 16	Geo. Sylvester	Miner	34	Single	10		Italian	Dodson, Md.	Riding cars; foot caught between cars and bruised.
July 26	Geo. Coleman	Laborer	68	Married	27	1	American	Dodson, Md.	Fell in pit in power house; fractured ribs.
July 16	P. Dacic	Laborer	32	Married	14	3	Austrian	Dodson, Md.	Running cutting machine; got hold of bare wire; badly burned left hand.
Aug. 4	Bill Laurick	Miner	32	Married	10	3	Austrian	Dodson, Md.	Running from shot and ran into needle; needle ran into foot.
Aug. 13	Tony Smuter	Miner	45	Single	82		Austrian	Dodson, Md.	Mining coal; rock fell on hand; badly lacerated right hand, later developing blood poisoning.
Oct. 13	Lawrence Costello	Laborer	40	Single	173		Austrian	Dodson, Md.	Riding trip; jumped off and fell under same; badly crushed arm and lacerated foot.
Oct. 22	Tony Bongitus	Miner	38	Single	32		Austrian	Dodson, Md.	Loading coal; caught between rib and car; badly squeezed left ankle.
1920— Jan. 9	Luke Smady	Miner	30	Single	37		Austrian	Dodson, Md.	Loading coal and rock fell on feet; contusion of feet.
Feb. 25	Joe Smagill	Miner	36	Single	10		Austrian	Dodson, Md.	Placing car in place; hands were caught and badly squeezed between car and roof.
Apr. 16	John Vauken	Miner	42	Married	12	4	Austrian	Dodson, Md.	Pulling down bad roof and was caught with same; broken right leg and other minor injuries to back.

BLAINE MINING COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— May 13	Jack Delanis	Miner	40	Single	14		Slavish	Potomac Manor, W. Va.	Fall of rock; laceration above eye and bruised side.
July 11	John Evanoski	Miner	43	Married	44	4	Russian	Potomac Manor, W. Va.	Fall of rock, crushing left foot; amputation necessary.
Aug. 15	Joe Provich	Miner	57	Married	73	6	Russian	Potomac Manor, W. Va.	Fall of coal, catching left hand, bruising same.
Nov. 20	Chris Borrelli	Miner	35	Married	26	5	Italian	Potomac Manor, W. Va.	Piece of coal fell, striking left leg, fracturing bone.
1920— Jan. 17	Philip Knows	Miner	17	Married	65	2	Italian	Kitzmilller Md.	In lifting piece of rock same slipped, smashing finger.
Jan. 12	Joe Provich	Miner	57	Married	65	2	Russian	Potomac Manor, W. Va.	Top coal fell while he was working under it, dislocating hip.

TAYLOR OFFUTT COAL COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1920— Oct. 29	Lee Wendel	Dumper	20	Single	2	3	American	Piedmont, W. Va.	Dropping apron on chute; crank on apron hit him in mouth (injury of no note).

HAMILL COAL AND COKE COMPANY.

Date.	Name of Person Injured.	Occupation.	Age.	Married or Single.	Number Days Lost.	Number in Family.	Nationality.	Residence.	Cause of Accident, Nature and Extent of Injury.
1919— Apr. 15	E. J. Hamill	Miner	50	Married	31	3	American	Kitzmilller, Md.	Badly sprained right ankle; fall-of slate.
Jan. 9	David Roberson	Laborer	55	Single	17		American	Kitzmilller, Md.	Cut right wrist by rock shavs.
July 17	John Nozel	Laborer	32	Single	41		American	Kitzmilller, Md.	Fell down, injuring hip joint on rail
July 20	C. E. Friend	Miner	45	Married	22	8	American	Blaine, W. Va.	Fall of slate breaking two ribs in side.
Sept. 9	Clary Liller	Miner	43	Married	66	2	American	Kitzmilller, Md.	Smashed right foot and twisted sprained right ankle; fall of slate.
Mar. 12	A. M. Craver	Laborer	35	Married	14	4	American	Kitzmilller, Md.	Injured back; pinched between motor and cars.
June 12	Harry Hartley	Miner	30	Married	30	3	American	Kitzmilller, Md.	Spained back through lifting.

NON-FATAL ACCIDENTS DURING THE YEAR 1919-20 IN FIRE CLAY MINES.

SAVAGE MOUNTAIN FIRE BRICK COMPANY.

Name.	Nationality.	Residence.	Cause and Nature of Accident.
Richard Larue, Jr.	American	Frostburg, Md.	Mule stepped on piece of rail and threw rail up, striking on limb, bruising it.

BIG SAVAGE FIRE BRICK COMPANY.

Name.	Nationality.	Residence.	Cause and Nature of Accident.
Chas. Williams	American	Johnson	Band broke on drum; cut and bruised.

NAMES OF GENERAL MANAGERS, SUPERINTENDENTS

Name of Company.	Mine.	General Manager.
Consolidation Coal Co.	No. 1	G. M. Gillette
Consolidation Coal Co.	No. 3	G. M. Gillette
Consolidation Coal Co.	No. 4	G. M. Gillette
Consolidation Coal Co.	No. 7	G. M. Gillette
Consolidation Coal Co.	No. 8	G. M. Gillette
Consolidation Coal Co.	No. 12	G. M. Gillette
Consolidation Coal Co.	No. 13	G. M. Gillette
Consolidation Coal Co.	No. 14	G. M. Gillette
Consolidation Coal Co.	No. 15	G. M. Gillette
Consolidation Coal Co.	No. 16	G. M. Gillette
Consolidation Coal Co.	No. 6	G. M. Gillette
Consolidation Coal Co.	No. 9	G. M. Gillette
Consolidation Coal Co.	No. 10	G. M. Gillette
Consolidation Coal Co.	No. 11	G. M. Gillette
N. Md. Coal Mining Co.	Montell	Thos. Richardson
Allegheny Coal Co.	Tacoma No. 2	E. J. Roberts
Eagan Mining Co.	Eagan	C. J. Eagan
Fitzpatrick Coal Co.	Pekin	John W. Fitzpatrick
Smiths	Smiths	Samuel Smith
C. O. Workman	Nos. 1-2	C. O. Workman
United Big Vein Coal Co.	Trimble	H. W. Rowe
Westernport Coal Co.	West. No. 1	Michael Thomas Dailey
Solomon Brode	Brode	Solomon Brode
Maryland Coal Co.	B. V. No. 12	Elkins Read
Maryland Coal Co.	Tyson	Elkins Read
Maryland Coal Co.	Waynes	Elkins Read
Caledonia Coal Co.	Moscow No. 1	C. O. Enos
Caledonia Coal Co.	Tyson	C. O. Enos
Caledonia Coal Co.	B. Vein	C. O. Enos
Mt. Savage George's Creek Coal Co.	Mt. S. No. 1	C. Roberts
Mt. Savage George's Creek Coal Co.	Mt. S. No. 2	C. Roberts
C. J. Rowe & Bros.	Parker	Clyde J. Rowe
Piedmont & George's Creek Coal Co.	Wash. No. 1	Patrick Brophy
Piedmont & George's Creek Coal Co.	Wash. No. 5	Patrick Brophy
Piedmont & George's Creek Coal Co.	Wash. No. 2	Martin Condry
McKee Coal Co.	McKee	B. T. Bradley
McKee Coal Co.	Koontz	B. T. Bradley
McNitt Coal Co.	McNitt	James Jenkins
Brophy-Hitchins Coal Co.	No. 1	Harry C. Hitchins
Brophy-Hitchins Coal Co.	No. 2	Harry C. Hitchins
Midlothian Coal Co.	Midlothian	Wm. Walters
Sullivan Bros. Coal Co.	No. 1	John A. Sullivan
Sullivan Bros. Coal Co.	No. 2	John A. Sullivan
Moscow George's Creek M. Co.	Moscow No. 2	J. W. P. Somerville
Moscow George's Creek M. Co.	Moscow No. 3	J. W. P. Somerville
Miller & Green Coal Co.	No. 1	J. O. J. Green
Brailer Mining Co.	Bald Knob	Geo. C. Brailer
Hoffa Bros. Coal Co.	Potomac	Wm. Hyde, Sr.
Hoffa Bros. Coal Co.	Moscow	Wm. Hyde, Sr.
H. G. Evans	Borden	H. G. Evans
Midland Mining Co.	Neff Run	J. W. P. Somerville
Wm. H. Barnes & Son	Barnes	
Chapman Coal Mining Co.	Jackson Tyson	E. N. Chapman
George's Creek Coal M. Co.	Jackson Big Vein	L. A. Quinlivan
George's Creek Coal M. Co.	Barton	L. A. Quinlivan
George's Creek Coal M. Co.	Parker or Clarion	L. A. Quinlivan
Big Savage Fire Brick Co.	No. 1	D. Armstrong
Stanton George's Creek C. Co.	No. 1	Louis Stanton
Robert Harvey & Sons	Reynolds	Robert Harvey
Frostburg Big Vein Coal Co.	No. 1	C. S. Jeffries
West Virginia Pulp & Paper Co.	Devon	Chas. A. Cass
George's Creek Coal Co., Inc.	No. 2	Carl Hetzel
George's Creek Coal Co., Inc.	No. 9	Carl Hetzel
George's Creek Coal Co., Inc.	No. 1	Carl Hetzel
George's Creek Coal Co., Inc.	No. 2	Carl Hetzel
George's Creek Coal Co., Inc.	No. 3	Carl Hetzel
George's Creek Coal Co., Inc.	No. 4	Carl Hetzel
Allegheny Big Vein Coal Co.	Allegheny Mine	Ulysses Hanna
Clair Coal Co.	No. 2	V. Burton
Robert Griffith	Borden	Robert Griffith
Cumberland Big Vein Coal Co.	Conway No. 1	L. Lichtenstein
L. B. & M. Coal Co.	Langham	Jes. Mullerr
Phoenix & George's C. M. Co.	Elkhart	W. D. Aethouse

AND FOREMEN OF ALLEGANY COUNTY, 1919

Superintendent.	Mine Foreman.
Harry Martin	Peter Hoye
Harry Martin	John Sluss
Harry Martin	Hugo Rempel
Harry Martin	Frank Williams
Harry Martin	Peter Hoye
Harry Martin	A. C. Neal
Harry Martin	Charles Shields
Harry Martin	Wm. Mather
Harry Martin	George Richardson
Harry Martin	George Richardson
Harry Martin	James Darrow
Harry Martin	Wm. Mather
Harry Martin	R. L. Edwards
Harry Martin	R. L. Edwards
Thos. Richardson	Jacob Blubough
Reuel Roberts	
Charles J. Eagan	Charles Eagan
John W. Fitzpatrick	John W. Fitzpatrick
Samuel Smith	Samuel Smith
C. O. Workman	C. O. Workman
H. W. Rowe	John Martin
Michael Thomas Dailey	Wm. Winkler
Solomon Brode	Solomon Brode
Elkins Read	Wm. B. MacMillan
Elkins Read	Archie Stewart
Elkins Read	James Dinning
C. O. Enos	John Beau
C. O. Enos	John Shuhart
C. O. Enos	John Shuhart
Chris. Roberts	Harry Retzor
Chris. Roberts	Wm. Farrady
Clyde J. Rowe	Griffith Griffith
Patrick Brophy	M. T. O'Rourke
Patrick Brophy	John D. Wallace
Martin Condry	James Jackson
B. T. Bradley	Henry McKee, Jr.
B. T. Bradley	Daniel Johnston
James Jenkins	John Fatkin
Harry C. Hitchins	James Taylor
Harry C. Hitchins	John Lapp
Wm. Walters	William Walters
John A. Sullivan	John P. Barry
John A. Sullivan	Bernard D. Byrnes
J. W. P. Somerville	E. R. Brenman
J. W. P. Somerville	Edward Shaw
J. O. J. Green	O. C. Colenian
Geo. C. Brailer	Joseph Jenkins
Wm. Hyde Sr.	
Wm. Hyde Sr.	
H. G. Evans	H. G. Evans
J. W. P. Somerville	John S. Askey
Wm. H. Barnes	Wm. H. Barnes
W. J. Chapman	A. L. Frenzel
E. S. Reilly	Frank Quinn
E. S. Reilly	Joseph Todd
E. S. Reilly	R. L. Green
D. Armstrong	Clarence Raley
Louis Stanton	L. Stanton
Robert Harvey	Wm. Harvey
W. M. Thomas	Geo. Harvey
W. E. Brown	Henry Biggs and P. H. Brown
J. R. Hamilton	Nath. Somerville
Thyesses Hanna	James A. Hanna
J. S. Harris	J. A. Harris
Robert Griffith	Robert Griffith
J. W. Kreitzburg	J. W. Kreitzburg
D. S. Boal	R. M. Ashley and Po. Nikep
John L. Casey	Chas. Custer and Harrison Doois

NAMES OF GENERAL MANAGERS, SUPERINTENDENTS

Name of Company.	Mine.	General Manager.
Monroe Coal Mining Co. Monroe Coal Mining Co. Davis Coal & Coke Co. Blaine Mining Co. Garrett County C. & M. Co. Garrett County C. & M. Co. Potomac Valley Coal Co. Potomac Valley Coal Co. Hamill Coal & Coke Co. Hubbard Coal Mining Co. G. C. Pattison Bloomington Coal Co. J. M. Kiner Taylor Offutt Coal Co. Pendergast & Ashly Meyers Coal Co. Aberdeen Coal Co. Trout Coal Co. Geo. Hoover Woolf Den Coal Co.	Elk Run No. 3 Elk Run No. 1 Kempton No. 42 Potomac Manor Nos. 1-2-3-5-6-7 Louise Peerless Hamill Nos. 1-7 Pattison Bloomington Kiser Nos. 1-2 Nos. 1-2 Beachy Steger Nos. 1-2 Hoover Nos. 1-2	William H. Gibson William H. Gibson M. A. Stewart James G. Boyd W. H. Gibson Otis E. Abernathy Otis E. Abernathy R. A. Smith P. J. Brennan Russell Pattison S. B. Brydon J. M. Kiser H. M. Davis M. W. Pendergast William P. Baker A. Spates Brady R. A. Smith Geo. Hoover Thomas Griffiths

NAMES OF GENERAL MANAGERS, SUPERINTENDENTS

Name of Company.	Mine.	General Manager.
Union Mining Co. Big Savage Fire Brick Co. Andrew Ramsay Co. Savage Mountain Fire Brick Co.	Mt. Savage Clay Parker Maryland No. 5	S. J. Aldon E. J. Clark William Hopkins W. F. Caldwell

AND FOREMEN OF GARRETT COUNTY, 1919.

Superintendent.	Mine Foreman.
<p>Wm. H. Gibson Wm. H. Gibson M. A. Stewart George Boyd</p> <p>A. J. Garrett Otis Abernathy Otis Abernathy R. A. Smith P. J. Brennan Russell Pattison S B. Brydon J. M. Kinsner H. M. Davis</p> <p>WM. P. Baker A. Spates Brady J. S. Blackman Geo. Hoover Thomas Griffiths</p>	<p>M. N. Utterback M. N. Utterback J. B. Watkins G. D. Campbell H. V. Sager</p> <p>Joseph Smith Carl W. Lough W. D. Walker, C. R. Gough, Jas. Burton Albert Mayle Thos. P. Swann, Russell Pattison John Tibbetts J. M. Kinsner</p> <p>D. T. Ashby Wm. P. Baker Chas. Ullery T. H. Wilson Geo. Hoover Earl Carnahan</p>

AND FOREMEN OF CLAY MINES, 1919-20.

Superintendent.	Mine Foreman.
<p>S. J. Aldon Clarence Raley High Stevenson G. A. Shuckhart</p>	<p>Joseph Finze Clarence Raley Henry Lowery Chas. Wolfe</p>

NAMES OF OFFICERS, ALLEGANY COUNTY, 1919.

Name of Company.	Principal Office.	President's Name and Address.	Secretary's Name and Address.
Consolidation Coal Co.	Continental Bldg., Baltimore, Md.	C. W. Watson, Continental Bldg., Baltimore, Md.	T. K. Stuart, Continental Bldg., Baltimore, Md.
N. Md. Coal Mining Co.	Pittsburg, Pa.	Johnstown, Pa.	Johnstown, Pa.
Allegany Coal Co.	Westernport, Md.	Edwin J. Roberts	Eldred Roberts.
Eagan Mining Co.	Midland, Md.	Chas. J. Eagan	Chas. J. Eagan.
Fitzpatrick Coal Co.	Pekin, Md.	John W. Fitzpatrick	John W. Fitzpatrick.
Smiths Coal Co.	Midlothian, Md.	Samuel Smith	Samuel Smith.
C. O. Workman	Frostburg, Md.	C. O. Workman, Frostburg, Md.	C. O. Workman, Frostburg, Md.
United Big Vein Coal Co.	Meyersdale, Pa.	Clarence F. Rowe, Meyersdale, Pa.	L. J. Rowe, Meyersdale, Pa.
Westernport Coal Co.	Westernport, Md.	W. G. Paul, Westernport, Md.	H. P. Whetworth, Westernport, Md.
Solomon Brode	Frostburg, Md.	Solomon Brode, Frostburg, Md.	Solomon Brode, Frostburg, Md.
Maryland Coal Co.	No. 25 Beaver St., New York City.	F. W. Galloway	J. E. McGowany
Caledonia Coal Co.	Piedmont, W. Va.	E. Richard Brydon, Bloomington, Md.	Howard Brydon, Bloomington, Md.
Mt. Savage George's Creek Coal Co.	Frostburg, Md.	George Stern, Frostburg, Md.	Wm. M. Farrell, Mt. Savage, Md.
P. J. Kove & Brothers	Meyersdale, Pa.	Clyde J. Rowe, Cumberland, Md.	Fred. E. Rowe, Meyersdale, Pa.
Piedmont & George's Creek Coal Co.	Frostburg, Md.	John S. Brophy, Frostburg, Md.	John Keating, Cumberland, Md.
McKee Coal Co.	Frostburg, Md.	Jonathan Jenkins, Frostburg, Md.	James Jenkins, Frostburg, Md.
McNitt Coal Co.	Frostburg, Md.	Jas. H. Fuller, Frostburg, Md.	James Jenkins, Frostburg, Md.
Brophy-Hitchins Coal Co.	Frostburg, Md.	John S. Brophy, Frostburg, Md.	Emery Hitchins, Frostburg, Md.
Midlothian Coal Co.	Cumberland, Md.	Carl C. Hetzel, Cumberland, Md.	Robert Stallings, Cumberland, Md.
Sullivan Bros. Coal Co.	Cumberland, Md.	Dennis P. Sullivan, Eckhart Mines.	W. J. Sullivan, Eckhart Mines, Md.
Moscow George's Creek Mining Co.	Frostburg, Md.	J. W. P. Somerville, Cumb., Md.	W. A. S. Somerville, Cumb., Md.
Miller & Green Coal Co.	Westernport, Md.	John P. Miller	J. O. J. Greene.
Brailer Mining Co.	Mt. Savage, Md.	Geo. C. Brailer, Mt. Savage, Md.	David Brailer, Mt. Savage, Md.
Hoffa Bros. Coal Co.	Piedmont, W. Va.	Thos. D. Campbell, Piedmont, W. Va.	A. P. Hoffa, Barton, Md.
Midland Mining Co.	Frostburg, Md.	H. G. Evans, Frostburg, Md.	H. G. Evans, Frostburg, Md.
Wm. H. Barnes & Son	Cumberland, Md.	J. W. P. Somerville, Cumb., Md.	W. A. S. Somerville, Cumb., Md.
Chapman Coal Mining Co.	Midlothian, Md.	Wm. H. Barnes, Midlothian, Md.	Wm. H. Barnes, Midlothian, Md.
George's Creek Coal Mining Co.	Sharp & Lombard Sts., Baltimore, Md.	W. J. Chapman, Baltimore, Md.	E. N. Chapman, Baltimore, Md.
Big Savage Fire Brick Company	408 Frick Bldg., Pittsburgh, Pa.	E. S. Reilly, 408 Frick Bldg., Pittsburgh, Pa.	L. A. Quinlivan, 408 Frick Bldg., Pittsburgh, Pa.
Stanton & George's Creek C. Co.	Zihlman, Md.	D. Armstrong, Frostburg, Md.	E. J. Clark, Frostburg, Md.
Robert Harvey & Sons	Frostburg, Md.	Louis Stanton, Frostburg, Md.	Louis Stanton, Frostburg, Md.
Frostburg Big Vein Coal Co.	Barton, Md.	Robert Harvey, Barton, Md.	Robert Harvey, Barton, Md.
West Virginia Pulp & Paper Co.	200 5th Ave., New York City.	R. Annan, Frostburg, Md.	E. S. Jeffries, Frostburg, Md.
George's Creek Coal Co., Inc.	Cumberland, Md.	John G. Luke	Chas. A. Cuss
Allegany Big Vein Coal Co.	Frostburg, Md.	H. E. Weber, Cumberland, Md.	Carl Hetzel, Cumberland, Md.
Clair Coal Co.	1003 Finance Bldg., Philadelphia, Pa.	William R. Gunter	Ulysses Hanna, Frostburg, Md.
Robert Griffith	Frostburg, Md.		
Cumberland Big Vein Coal Co.	74 Liberty Trust Co., Cumb., Md.		
L. B. & M. Coal Co.	Barton, Md.		
Phoenix & George's C. M. Co.	Westernport, Md.		

NAMES OF OFFICERS, GARRETT COUNTY, 1919.

Name of Company.	Principal Office.	President's Name and Address.	Secretary's Name and Address.
Monroe Coal Mining Co.	Bethlehem, Pa.	A. C. Dodson, Bethlehem, Pa.	T. M. Dodson, Bethlehem, Pa.
Davis Coal & Coke Co.	Cumberland, Md.	A. W. Calloway, Baltimore, Md.	W. P. Ellis, Baltimore, Md.
Blaine Mining Co.	1 Broadway, New York City.	T. B. Davis, New York City.	J. W. Poole, New York City.
Garrett County Coal & Mining Co.	Bethlehem, Pa.	E. L. Bullock, Hazleton, Pa.	C. C. Bye, Wilmington, Del.
Potomac Valley Coal Co.	Kitzmilller, Md.	R. M. Hite, Fairmont, W. Va.	Wm. J. Rafetto, Philadelphia, Pa.
Hamill Coal & Coke Co.	Blaine, W. Va.	R. A. Smith, Blaine, W. Va.	J. A. Shore, Blaine, W. Va.
Hubbard Coal Mining Co.	904 American Bldg., Baltimore, Md.	E. Clay Timanus, Baltimore, Md.	Peter E. Tome, Baltimore, Md.
Bloomington Coal Co.	Bloomington, Md.	G. C. Pattison, Bloomington, Md.	
J. M. Kisner.	Grafton, W. Va.	Mrs. W. A. Brydon, Bloomington, Md.	L. B. Brydon, Grafton, W. Va.
Taylor Offutt Coal Co.	Sinse, Md.	J. M. Kisner, Sinse, Md.	J. M. Kisner, Sinse, Md.
Pendergast & Ashby.	Philadelphia, Pa.	H. N. Taylor, Philadelphia, Pa.	
Myers Coal Co.	Hutton, Md.	M. W. Pendergast, Hutton, Md.	
Aberdeen Coal Co.	Grantsville, Md.	C. A. Bender, Grantsville, Md.	
Trout Coal Co.	Washington, D. C.	R. C. Leonard, Cowersport, Pa.	Geo. S. Reese, Washington, D. C.
Geo. Hoover.	Blaine, W. Va.	R. A. Smith, Blaine, W. Va.	F. G. Trout, Blaine, W. Va.
Wool Den Coal Co.	Jennings, Md.	Geo. Hoover, Jennings, Md.	Geo. Hoover, Jennings, Md.
	25 Beaver St., New York.	W. A. Marshall.	J. D. Kline.

NAMES OF OFFICERS, FIRE CLAY MINES, 1919-20.

Name of Company.	Principal Office.	President's Name and Address.	Secretary's Name and Address.
Union Mining Co.	Fidelity Bldg., Baltimore, Md.	H. Crawford Black.	E. J. Clark, Frostburg, Md.
Bir Savage Fire Brick Co.	Zihlman, Md.	D. Armstrong, Frostburg, Md.	William Hopkins, Mt. Savage, Md.
Andrew Ramsay Co.	Mount Savage, Md.	Henry Shriver, Cumberland, Md.	W. F. Caldwell, Piedmont, W. Va.
Savage Mountain Fire Brick Co.	Frostburg, Md.	John A. Caldwell, Frostburg, Md.	

ALLEGANY COUNTY TONNAGE FOR THE YEAR 1919 TO 1920.

NAME OF COMPANY.	TONNAGE.
Consolidation Coal Company.....	822,644.00
N. Md. Coal Company.....	31,933.00
Allegany Coal Company.....	32,528.00
Eagan Mining Company.....	700.00
Fitzpatrick Coal Company.....	4,046.00
Smiths Coal Company.....	1,332.00
C O. Workman Coal Company.....	5,030.00
United Big Vein Coal Company.....	19,343.00
Westernport Coal Company.....	36,000.00
Solomon Brode Coal Company.....	303.00
Maryland Coal Company.....	74,443.00
Caledonia Coal Company.....	30,000.00
Mt. Savage George's Creek Coal Company.....	32,503.00
C. J. Rowe Coal Company.....	9,668.00
Piedmont & George's Creek Coal Company.....	92,483.00
McKee Coal Company.....	55,003.00
McNitt Coal Company.....	3,520.00
Brophy-Hitchins Coal Company.....	13,277.00
Midlothian Coal Company.....	9,448.00
Sullivan Bros. Coal Company.....	84,256.00
Moscow George's Creek Coal Company.....	25,338.00
Miller & Greene Coal Company.....	5,400.00
Brailer Mining Company.....	22,182.00
Hoffa Bros. Coal Company.....	100,125.00
H. G. Evans Coal Company.....	3,680.00
Midland Mining Company.....	37,828.00
Wm. Barnes & Son Coal Company.....	443.00
Chapman Coal Mining Company.....	60,450.00
George's Creek Coal Mining Company.....	29,421.00
Stanton George's Creek Coal Company.....	2,085.00
Robert Harvey & Sons Coal Company.....	4,080.00
Frostburg Big Vein Coal Company.....	36,698.00
West Virginia Pulp & Paper Coal Company.....	70,438.00
George's Creek Coal Company, Inc.....	174,684.00
Allegany Big Vein Coal Company.....	8,505.00
Phoenix George's Creek Coal Company.....	33,231.00
Clair Coal Company.....	34,875.00
Robert Griffith Coal Company.....	4,766.00
Cumberland Big Vein Coal Company.....	10,313.00
L., B. & M. Coal Company.....	800.00
Annan & Jeffries Coal Company.....	96,944.00
Mt. Savage Mining Company.....	595.00
New Central Big Vein Coal Company.....	11,281.00
New Central Adams Coal Company.....	27,667.00
TOTAL.....	2,160,288.00

GARRETT COUNTY TONNAGE FOR THE YEAR 1919-20.

NAME OF COMPANY.	TONNAGE.
Monroe Coal Company.....	15,535.00
Davis Coal & Coke Company.....	173,412.00
Blaine Mining Company	103,881.00
Garrett County Coal & Coke Company.....	111,883.00
Potomac Valley Coal Company.....	50,310.00
Hamill Coal & Coke Company.....	83,000.00
Hubbard Coal Mining Company.....	11,551.00
G. C. Pattison	8,359.00
Bloomington Coal Company	49,880.00
Taylor Offutt Coal Company.....	3,400.00
Pendergast & Ashby Coal Company.....	12,000.00
Myers Coal Company	5,675.00
Aberdeen Coal Company	13,150.00
Trout Coal Company	7,148.00
George Hoover Coal Company.....	2,292.00
Wolf Den Coal Company.....	102,726.00
J. M. Kisner	200.00
TOTAL.....	754,401.00

TONNAGE FOR THE YEAR 1919-20—CLAY MINES

NAME OF COMPANY.	TONNAGE.
Union Mining Company.....	24,136
Big Savage Fire Brick Company.....	13,485
Andrew Ramsay Company	2,859
Savage Mountain Fire Brick Company.....	10,189
TOTAL.....	50,669

DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR ALLEGANY COUNTY, FOR THE YEAR 1920.

Name of Company.	Name of Mine.	Number of Openings.	Coal Seam Worked.	Distribution of Employees.				Output Statistics.			Accidents.	
				Miners.	Drivers.	Inside Laborers.	Outside Empl'ys.	Total.	Pick.	Machine.	Total.	Fatal.
The Consolidation Coal Co.	Consol. No. 1	3	Pitts. or Big Vein	139	15	53	36,243	218,911	148,584	.....	.....	18
The Consolidation Coal Co.	Consol. No. 3	3	Pitts. or Big Vein	91	10	55	36,192	219,879	97,358	.....	.....	18
The Consolidation Coal Co.	Consol. No. 4	4	Pitts. or Big Vein	46	6	26	26,104	219,548	88,898	.....	.....	4
The Consolidation Coal Co.	Consol. No. 7	2	Pitts. or Big Vein	61	5	16	17,99	205,565	97,975	.....	.....	8
The Consolidation Coal Co.	Consol. No. 8	2	Pitts. or Big Vein	16	2	1	20,88	97,798	.....	.....	1	
The Consolidation Coal Co.	Consol. No. 12	2	Pitts. or Big Vein	99	10	26	21,556	203,421	121,356	.....	.....	29
The Consolidation Coal Co.	Consol. No. 13	4	Pitts. or Big Vein	38	6	13	17,74	191,740	8,870	.....	.....	5
The Consolidation Coal Co.	Consol. No. 14	2	Pitts. or Big Vein	11	2	7	4	24,205	2,282	.....	.....	2
The Consolidation Coal Co.	Consol. No. 15	8	Pitts. or Big Vein	2	2	9	4	17,163	9	.....	.....	2
The Consolidation Coal Co.	Consol. No. 16	5	Pitts. or Big Vein	59	4	21	21,105	216,610	40	.....	.....	2
The Consolidation Coal Co.	Consol. No. 6	1	Sawickley or Tyson	20	4	5	3	32,195	2	.....	.....	4
The Consolidation Coal Co.	Consol. No. 5	5	Sawickley or Tyson	144	1	35	19,199	217,598	437	.....	.....	1
The Consolidation Coal Co.	Consol. No. 2	2	Sawickley or Tyson	176	2	22	6,104	207,762	1,114	.....	.....	5
The Consolidation Coal Co.	Consol. No. 2	2	Sawickley or Tyson	35	2	6	6,49	208,533	998	.....	.....	2
N. Md. Coal Mining Co.	Montell	1	Lower Kittanning	46	7	6	8	67,314	31,933	.....	.....	4
Allegany Coal Co.	Tacoma No. 2	1	Lower Kittanning	45	5	4	6	60,136	32,529	.....	.....	19
Eagan Mining Co.	Eagan Mine	1	Big Vein	4	1	1	5	30,700	700	.....	.....	1
Fitzpatrick Coal Co.	Pekin	4	Big Vein	7	1	1	2	11,125	4,046	.....	.....	.....
Smiths	Smiths	1	G. C. Big Vein	2	1	1	2	127,132	1,332	.....	.....	.....
C. O. Workman	Nos. 1 & 2	2	Pitts.	4	1	2	1	8,240	5,030	.....	.....	.....
United Big Vein Coal Co.	Trumble	2	Pitts.	30	3	12	10	55,196	19,343	.....	.....	.....
Westernport Coal Co.	Westport No. 1	1	Lower Kittanning	35	7	5	5	52,225	36,000	.....	.....	.....
Brode Coal Mining Co.	Brode	1	Big Vein	45	5	5	4	59,146	34,636	.....	.....	.....
Maryland Coal Company	Big Vein No. 12	1	Big Vein	50	4	14	6	74,101	19,396	.....	.....	.....
Maryland Coal Company	Tyson	1	Tyson	35	7	10	4	53,130	15,227	.....	.....	.....
Maryland Coal Company	Waynesburg	1	Waynesburg	12	1	4	2	17,115	11,016	.....	.....	.....
George's Creek Coal Mining Co.	Jackson Tyson	1	Big Vein	35	7	10	4	53,130	15,227	.....	.....	.....
George's Creek Coal Mining Co.	Jackson Big V.	1	Big Vein	10	2	6	20	75,317	3,178	.....	.....	.....
George's Creek Coal Mining Co.	Barton	1	Big Vein	30	9	3	10	52,174	52,200	.....	.....	.....
Chapman Coal Mining Co.	Bakerstown	1	Tyson	8	1	1	1	10,165	8,250	.....	.....	.....
Chapman Coal Mining Co.	Tyson	2	Tyson	25	5	3	6	39,150	12,000	.....	.....	.....
Caledonia Coal Co.	Moscow No. 1	2	Tyson	25	5	2	7	39,170	12,000	.....	.....	.....
Caledonia Coal Co.	Tyson	1	Tyson	80	6	20	5	26,178	6,000	.....	.....	.....
Mt. Savage Coal Co.	Mt. Savage No. 1	1	Bluebaugh	80	6	20	5	26,178	6,000	.....	.....	.....
Mt. Savage Coal Co.	Mt. Savage No. 2	1	Bluebaugh	5	3	4	2	14,165	1,936	.....	.....	.....

DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR ALLEGANY COUNTY, FOR 1920.

Name of Company.	Name of Mine.	Number of Openings.	Coal Seam Worked.	Distribution of Employees.				Days Worked During the Year.	Output Statistics.			Accidents.		
				Miners.	Drivers.	Inside Laborers.	Outside Empl'y's.		Pick.	Machine.	Total.		Fatal.	Non-Fatal.
C. J. Rowe & Bros. Coal Co.	Parker	1	Bluebaugh	30	3	20	10	63	181	5,973	3,695	9,608	...	0
Piedmont & George's Ck. Coal Co.	Wash. No. 1	1	Lower Kittanning	41	...	14	15	70	160	...	29,172	29,172	...	...
Piedmont & George's Ck. Coal Co.	Wash. No. 2	1	Big Vein Redstone	16	...	14	10	40	260	19,061	...	19,061	...	...
Piedmont & George's Ck. Coal Co.	Wash. No. 3	3	Four Foot	28	...	21	19	80	255	7,629	36,621	44,250	...	3
McKee Coal Co.	McKee	2	Pittsburg	40	...	4	3	43	284	19,545	...	19,545	...	1
McKee Coal Co.	Koonz	2	Sewickley	50	...	7	5	9	188	35,458	...	35,458	...	4
McNitt Coal Co.	McNitt	1	Sewickley	15	...	2	5	24	112	3,520	...	3,520	...	2
Brophy-Hitchins Coal Co.	Bowery F. No. 1	1	Redstone	10	...	22	11	43	200	7,298	...	7,298	...	2
Brophy-Hitchins Coal Co.	Bowery F. No. 2	1	Redstone	17	...	46	10	73	115	5,979	...	5,979	...	1
Midlothian Coal Co.	Midlothian	2	Big Vein	12	...	2	9	2	25	114	...	641,817	...	1
Midlothian Coal Co.	Midlothian	1	Big Vein	9	...	4	1	3	17	111	...	41,000	...	7
Sullivan Bros. Coal Co.	Sullivan No. 1	2	Pittsburgh & Tyson	40	...	11	15	12	78	218	...	41,100	...	4
Sullivan Bros. Coal Co.	Sullivan No. 2	2	Pittsburgh	37	...	6	7	6	56	218	...	43,156	...	7
Moscow George's Creek M. Co.	Moscow No. 2	3	Big Vein	...	...	...	...	...	...	...	...	...	...	...
Moscow George's Creek M. Co.	Moscow No. 3	3	Bakerstown	34	...	8	4	10	56	151	...	25,338	...	1
Miller & Green Coal Co.	M & G. No. 1	1	Brookville	10	...	2	1	4	167	5,400	...	5,400	...	...
Hoft Bros. Coal Co.	Bald Knob	1	Pittsburgh	60	...	8	7	30	105	110	...	22,182	...	...
Hoffa Bros. Coal Co.	Potomac	9	Big Vein & Bakerstown	60	...	9	11	20	100	247	...	88,930	...	3
H. G. Evans Coal Co.	Borden	2	Bakerstown	16	...	3	4	4	27	195	...	11,195	...	...
Midland Coal Mining Co.	Neff Run	5	Big Vein	29	...	7	6	4	46	180	...	3,680	...	...
Big Savage Fire Brick Co.	Barnes	1	Big Vein	2	...	1	...	...	...	...	...	37,828	...	...
Stanton Geo. C. Co.	Parker or Clarion	1	Parker	2	...	...	...	...	...	...	...	37,828	...	...
Robert Harvey & Sons	Stanton No. 1	1	Kittanning	6	...	1	1	10	45	2,085	...	3,085	...	...
West Virginia Pulp & Paper Co.	Reynolds	1	Freight	4	...	1	1	5	300	4,080	...	4,080	...	...
George's Creek Coal Co., Inc.	No. 1 Mine	3	Big Vein & Tyson	87	...	12	4	13	66	192	...	36,698	...	3
George's Creek Coal Co., Inc.	Devon	1	Kittanning	58	...	6	5	12	81	233	...	70,438	...	1
George's Creek Coal Co., Inc.	Geo. Crk. No. 2	1	Big Vein or Pittsburgh	7	...	1	...	...	...	...	...	7,765	...	...
George's Creek Coal Co., Inc.	Geo. Crk. No. 1	1	Big Vein or Pittsburgh	10	...	2	1	13	29	3,818	...	3,818	...	...
George's Creek Coal Co., Inc.	Geo. Crk. No. 2	1	Big Vein or Pittsburgh	40	...	7	10	7	64	230	...	40,316	...	2
George's Creek Coal Co., Inc.	Geo. Crk. No. 3	1	Tyson or Sewickley	20	...	3	4	1	28	169	...	15,452	...	...
George's Creek Coal Co., Inc.	Geo. Crk. No. 2	1	Tyson or Sewickley	43	...	12	8	68	201	38,954	...	38,954	...	1
George's Creek Coal Co., Inc.	Geo. Crk. No. 3	1	Tyson or Sewickley	60	...	4	10	10	84	191	...	68,378	...	1
George's Creek Coal Co., Inc.	Allegheny 1 & 2	2	Big Vein	16	...	4	3	8	31	150	...	8,505	...	1
Allegheny Big Vein Coal Co.	Allegheny 1 & 2	2	Big Vein	31	...	7	3	7	48	217	...	34,875	...	1
Clair Coal Co.	Borden	1	Bakerstown	7	...	1	...	...	...	...	...	4,766	...	...
Robert Griffith	Conway No. 1	1	Tyson	17	...	2	4	4	27	178	...	10,313	...	2
Cumberland Big Vein Coal Co.	Langham	1	Big Vein	17	...	2	4	4	27	178	...	10,313	...	2
L. B. & M. Coal Co.	Langham	1	Bakerstown	17	...	2	4	4	27	178	...	10,313	...	2
Phoenix & George's Creek Coal Co.	Elkhardt	2	Bakerstown	60	...	6	6	12	84	...	...	33,231	...	4

**DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR GARRETT COUNTY,
FOR THE YEAR 1919.**

Name of Company.	Name of Mine.	Numbers of Openings.	Coal Seam Worked.	Distribution of Employees.				Days Worked During the Year.	Output Statistics.			Accidents.		
				Miners.	Drivers.	Inside Laborers.	Outside Empl'ys.		Total.	Pick.	Machine.	Total.	Fatal.	Non-Fatal.
Monroe Coal Mining Co.	Elk Run No. 3	1	Bakerstown	8	5	1	1	232	5,178	.....	.....	5,178	.....	1
Monroe Coal Mining Co.	Elk Run No. 1	1	Kittanning	15	5	1	5	222	10,357	.....	.....	10,357	.....	.....
Davis Coal & Coke Co.	Kepton No. 42	1	Kittanning	84	13	63	23	170	30,367	.....	.....	173,412	.....	23
Blaine Mining Co.	Potomac Manor 1	1-2	Kittanning	99	13	8	26	146	103,881	.....	.....	103,881	.....	6
Garrett Co. Coal & Mining Co.	Dodson No. 1	1	Lower Kittanning	14	2	6	41	228	34,618	.....	.....	13,000	.....	.....
Garrett Co. Coal & Mining Co.	Dodson No. 3	3	Lower Kittanning	14	2	6	41	228	18,913	.....	.....	18,913	.....	.....
Garrett Co. Coal & Mining Co.	Dodson No. 5	5	Upper Kittanning	3	1	5	22	228	3,747	.....	.....	3,747	.....	1
Garrett Co. Coal & Mining Co.	Dodson No. 6	6	Lower Kittanning	19	1	5	25	228	22,056	.....	.....	22,056	.....	.....
Garrett Co. Coal & Mining Co.	Dodson No. 7	7	Lower Kittanning	14	3	4	21	228	6,367	.....	.....	6,367	.....	.....
Potomac Valley Coal Co.	Louise No. 1	1	Lower Kittanning	5	1	1	1	8	13,181	.....	.....	13,181	.....	.....
Potomac Valley Coal Co.	Peerless	1-2-3-4	Upper Freeport	62	9	9	11	91	2,238	.....	.....	2,238	.....	.....
Hamill Coal & Coke Co.	Hamill	4	Freeport & Kittanning	70	14	18	18	120	48,072	.....	.....	48,072	.....	2
Hubbard Coal Mining Co.	Nos. 1-7	2	Lower Kittanning	30	3	6	7	46	83,000	.....	.....	83,000	.....	7
G. C. Pattison	Bakerstown	3	Bakerstown	13	3	5	21	74	7,090	.....	.....	7,090	.....	1
G. C. Pattison	Pattison	1	Upper Kittanning	5	1	4	11	74	8,359	.....	.....	8,359	.....	.....
Bloomington Coal Co.	Bloomington	.....	Kittanning	25	5	1	7	38	17,873	.....	.....	17,873	.....	.....
Bloomington Coal Co.	Bloomington	.....	Kittanning	40	7	1	7	55	32,007	.....	.....	32,007	.....	.....
J. M. Kisner	Kisner	.....	Four-Foot	2	.....	.....	.....	20	.....	.....	.....	.....	.....	.....
Taylor Offutt Coal Co.	Taylor Offutt 1-2	2	Upper Kittanning	10	2	1	7	20	3,400	.....	.....	3,400	.....	.....
Myers Coal Company	Beachy	1	C. Prince	4	1	1	2	8	5,675	.....	.....	5,675	.....	.....
Aberdeen Coal Co.	Steger	1	Lower Kittanning	18	3	2	4	27	13,150	.....	.....	13,150	.....	.....
Trout Coal Co.	6-Foot, Clarion	1-1	Lower Kittanning	20	5	2	3	30	7,148	.....	.....	7,148	.....	.....
Geo. Hoover	Hoover	.....	Honeycomb	9	1	.....	.....	10	2,292	.....	.....	2,292	.....	.....
Wolf Den Coal Co.	Wolf Den 1-2	2	Lower Kittanning	40	3	3	10	56	65,527	.....	.....	37,199	.....	3
Pendergast & Ashby	Nos. 1-2	2	Middle & L. Kittanning	12	4	.....	.....	18	12,000	.....	.....	12,000	.....	.....

**DETAILS OF PERSONS EMPLOYED, DAYS WORKED AND TONNAGE FOR THE FIRE CLAY MINES
FOR THE YEAR 1919-20.**

Name of Company.	Name of Mine.	Number of Openings.	Coal Seam Worked.	Distribution of Employees.					Days Worked During the Year.	Output Statistics.			Accidents.	
				Miners.	Drivers.	Inside Laborers.	Outside Employ'ys.	Total.		Pick.	Machine.	Total.	Fatal.	Non-Fatal.
Union Mining Co.	No. 5	2	Mt. Savage	6	1	4	1	12	190	5,753	5,753	5,753	...	...
Union Mining Co.	No. 6	1	Clay	28	6	11	12	57	226	18,383	18,383	18,383	...	6
Big Savage Fire Brick Co.	Parker	2	Parker	2	...	...	...	2	300	308	308	308	...	...
Big Savage Fire Brick Co.	Nos. 1-2	2	Big Savage	22	4	11	11	48	300	4,392	4,392	4,392	...	1
Andrew Ramsay Co.	Elleslie	1	Clay Mines	4	2	...	3	9	300	2,859	2,859	2,859	...	...
Savage Mountain Fire Brick Co.	No. 5	1		12	2	2	7	23	200	10,189	10,189	10,189	...	...

ALLEGANY COUNTY IMPROVEMENTS FOR 1919.

Consolidation Coal Co.....	Electric haulage installed in Mine No. 3. Outside tramroad constructed at Mine No. 6.
United B. V. Coal Co.....	Installed fan, electric hoist, and rotary converter set.
Mt. Savage George's Creek Coal Co...	Outside track improved and facilities made for storing coal.
C. J. Rowe & Brothers.....	One 150 K. W. M. G. set; 2 mining machines; slope from Bond to Parker Seams.
McNitt Coal Co.....	Hoisting engine installed. Sewickley Seam opened. Track changed on outside.
Midlothian Coal Co.....	One new opening.
H. G. Evans.....	One new opening.
Stanton George's Creek Coal Co.....	Built new plane and a new coal tippie.
Robert Harvey & Sons.....	Erected ventilating fan.
L., B. & M. Coal Co.....	Steel track and coalbin.

ALLEGANY COUNTY.

Name of Company.	Veins of Coal Known to be on the Property, With Acreage of Each Supposed to Exist.
Consolidation Coal Co.....	Big Vein, 8,937.819 acres; Upper Tyson or Sewickley, 5,473 acres; Red Stone, Lower Sewickley, Waynesburg, Washington, and all seams given in the Maryland State Geological Survey Reports, the acreage of which has not been defined.
N. Md. Coal Mining Co.....	Lower Kittanning working and five-foot working.
Allegany Coal Co.....	30 acres Freeport.
United Big Vein Coal Co.....	One per above.
Westernport Coal Company.....	Bakerstown, 30 acres; Freeport, 150 acres; Lower Kittanning, 200 acres.
Caledonia Coal Co.....	Practically all the above coal was obtained by exploration work.
Mt. Savage George's Creek Coal Co...	Bluebaugh, 1,386 acres.
Piedmont & George's Creek Coal Co...	Lower Kittanning, 457 acres; Four Foot, 68 acres; Redstone, 1 acre; Big Vein, 1 acre.
Brophy-Hitchins Coal Co.....	Tyson, 300 acres; Redstone, 550 acres; Big Vein, 8 acres.
Miller & Greene Coal Co.....	Kittanning, Split Six, Clarion, and Brookville.
Brailer Mining Co.....	Bakerstown, Little Pittsburgh, Red Stone, Freeport.
Hoffa Bros. Coal Co.....	Big Vein, acreage not known; Bakerstown, about 800 acres.
Chapman Coal Mining Co.....	Big Vein, about 3 acres; Little Pittsburgh, about 500 acres; Dirty Nine, about 5.00 acres; Six Foot, about 600 acres.
George's Creek Coal Mining Co.....	All veins below the Waynesburg. Our lease takes in the Waynesburg, Tyson, and Big Vein.
Stanton, Geo. C., Coal Co.....	Bakerstown, 100; Kittanning, 625.
Robert Harvey & Sons.....	45 acres Six Foot.
Frostburg Big Vein Coal Co.....	Big Vein, Tyson-Sewickley, Red Stone.
West Virginia Pulp & Paper Co.....	Middle Kittanning, 25 acres; Lower Kittanning, none; Clarion, 100 acres; Freeport, 40 acres.
Allegany Big Vein Coal Co.....	Big Vein Crop coal.
Clair Coal Co.....	Bakerstown, 500 acres; Dirty Nine, 350 acres; Freeport, 550 acres; Upper Kittanning, 700 acres; Lower Kittanning, 700 acres.
Cumberland Big Vein Coal Co.....	Big Vein, mostly outcrop; estimate of same, 250-000 tons.
L., B. & M. Coal Co.....	Bakerstown, 39 acres. During year we have worked out about 5 acres of coal.
Phoenix & George's Creek Co.....	Freeport, 270 acres.

ALLEGANY COUNTY (Continued).

Coal Area Worked Out.	Average Yet to Mine.
Consolidation Coal Co..... Only partially worked, no seams below the Big Vein having been devel- oped.	12,744.380 acres.
Allegany Coal Co..... 60 acres.	40 acres.
C. O. Workman..... 1 1/2 acres.	25 acres.
United Big Vein Coal Co..... 13 acres.	280 acres.
Westernport Coal Co..... 7 acres.	200 acres.
Caledonia Coal Co..... 4 acres.	350 acres.
Mt. Savage George's Creek Coal Co..... 15 acres.	1,386 acres.
C. J. Rowe..... 25 acres.	1,970 acres.
Piedmont & George's Creek Coal Co..... 26 acres.	
McNitt Coal Co.....	125 acres.
Brophy-Hitchins Coal Co..... 8 acres.	
Miller & Greene Coal Co..... 2 acres.	250 acres.
Brailer Mining Co.....	200,000 tons.
Hoffa Bros. Coal Co..... 22 acres.	
Chapman Coal Mining Co..... 2.50, Bakerstown.	5.50 Bakerstown.
George's Creek Coal M. Co..... Unknown.	500 acres.
Big Savage Fire Brick Company..... 1/4 acre.	200 acres.
Stanton, Geo. C., Coal Co..... 25 acres.	625 acres.
Robert Harvey & Sons..... 8 acres.	27 acres.
West Virginia Pulp & Paper Co..... 75 acres.	25 acres.
George's Creek Coal Co., Inc.....	1 1/5 acres.
George's Creek Coal Co., Inc.....	46 4/7 acres.
Clair Coal Co..... 140 acres.	500 acres.
Cumberland Big Vein Coal Co..... 2 acres.	
L., B. & M. Coal Co..... 5 to 6 acres.	23 acres.
Phoenix & George's Creek Coal Co..... 11 acres.	450 acres.

GARRETT COUNTY IMPROVEMENTS FOR 1919.

Davis Coal & Coke Co.....	20 5-room houses, 2,800 feet concrete street. Frame office building, 1 new 9 ft. Sirocco fan and fan building.
Garrett County Coal & Mining Co.....	Ridgway 500 K. V. A. generator unit. Fort Wayne electric rock drill, 10 batching shanties, Fair- mont car retarder, addition to amusement hall, Jeffrey arc wall cutting machine.
Potomac Valley Coal Co.....	General inside and outside overhauling, new gaso- line storage system installed.
G. C. Pattison.....	Building about one-half mile from road and in- stalling gasoline motor.
Taylor Offutt Coal Co., Inc.....	1 opening, new steam line, No. 2 Mine; new water system, 1 pump installed.
Aberdeen Coal Co.....	Development.
Woolf Den Coal Co.....	Developing.

GARRETT COUNTY IMPROVEMENTS FOR 1919.

Name of Company.	Veins of Coal Known to be on the Property, With Acreage of Each Supposed to Exist.
Monroe Coal Mining Co.....	Bakerstown Fair Foot, Lower Freeport, Davis Six Foot.
Davis Coal & Coke Co.....	Kittanning, 1,194.68.
Garrett Co. Coal Co.....	Upper Kittanning, not determined; Lower Kittanning, 1,750.
Potomac Valley Coal Co.....	Lower Kittanning, 199; Clarion, 199.
Hamill Coal & Coke Co.....	Kittanning, 400 acres; Freeport, 300.
Hubbard Coal Mining Co.....	Kittanning only known workable seam, 215 acres.
G. C. Pattison.....	Lower Kittanning, Upper Kittanning, Lower Freeport, Bakerstown.
J. M. Kisner.....	Three Foot, 35 feet; Five Foot Slaty, 35 acres; Four Foot, 40 acres; Split Six, 125 acres.
Taylor Offutt Coal Co.....	Upper Kittanning, 860 acres; Lower Kittanning, 860 acres.
Pendergast & Ashby.....	Bakerstown, about 40 acres; 30-Inch Vein, about 200 acres; Middle and Lower Kittanning, 180 acres; Clarion-Kittanning, 200 acres.
Aberdeen Coal Co.....	Lower Kittanning.
Trout Coal Co.....	Brookville, 1,048 acres; Clarion, 850 acres; Lower Kittanning, 700 acres; Upper Kittanning, 600 acres; Lower Freeport, 500 acres.
Woolf Den Coal Co.....	Lower Kittanning, Upper Kittanning, Upper Freeport and Clarion seams; 1,400 acres Clarion seam, 1,200 acres Lower Kittanning, 1,000 acres Upper Kittanning 900 acres Freeport.

Coal Area Worked Out.	Average Yet to Mine.
Monroe Coal Mining Co.....	700 acres.
4 1/2 acres.	
Davis Coal & Coke Co.....	1,194.68 acres.
12.65 acres.	
Blaine Mining Co.....	351 acres.
582 acres.	
Garrett County Coal & Mining Co.....	1,370 acres.
380 acres.	
Potomac Valley Coal Co.....	199.2 acres.
4/10 acres.	
Potomac Valley Coal Co.....	164.2 acres.
8.58 acres.	
Hamill Coal & Coke Company.....	400 Kittanning, 300 Freeport.
20 acres.	
Hubbard Coal Mining Co.....	215 acres.
85 acres.	
J. M. Kisner.....	120 acres.
6 acres.	
Taylor Offutt Coal Co.....	855 acres.
5 acres.	
Pendergast & Ashby.....	180 acres.
2 acres.	
Myers Coal Co.....	2 acres at opening.
1 1/2 acres.	
Trout Coal Co.....	Ten hundred forty-three.
10 acres.	
Woolf Den Coal Co.....	1,183. Lower Kittanning Seam.
17 Lower Kittanning Seam.	

FIRE CLAY IMPROVEMENTS FOR 1919-20.

Union Mining Co.....	Stine disc fan, mule stable, blacksmith shop.
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DESCRIPTION OF MINES IN ALLEGANY COUNTY**CONSOLIDATION COAL COMPANY.**

(Maryland Division.)

G. M. GILLETTE, *Manager*. Frostburg, Md.HARRY MARTIN, *Assistant 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 fourteen mines and are working the Pittsburg, or Big Vein and Tyson coal seam. 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 year of 1919 they employed 1,418 men and produced 822,644 tons of coal, a decrease of 55,762 tons.

CONSOLIDATION COAL COMPANY.PETER HOYE. *Mine Foreman*.

Consol Mine No. 1 is located at Ocean on the east side of the George's Creek. It is a slope opening working the Pittsburg or Big Vein Coal Seam, and is opened up on the double entry system.

Ventilation is produced by steam driven fans, 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.

Timbering is found in a good condition, and owing to the age of the mine, it requires a great deal of timbering to keep the roof in a safe condition.

The coal is mined by pick, blasted by powder, and is gathered and hauled to the side track in the interior by horses, from there it is conveyed to the bottom of the slope by two Baldwin air motors 17 and 19 tons. It is then hoisted by a Dixon hoisting machine to the outside, where it is dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad. Oil and carbide are used by the miners for illumination.

During the year 1919 they employed 243 men, worked 218 days and produced 148,584 tons of coal.

JOHN SLUSS. *Mine Foreman.*

Consol Mine No. 3 is located at Hoffman one and one-half miles east of Frostburg. It is a slope opening working the Pittsburg 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 emptied into the Brad-dock Run at Clarysville.

Timbering is found in a good condition, but it requires a great deal of timbering to keep the roof in a safe condition.

The coal is mined by pick, blasted by black powder and is gathered in the interior to a side track by horses and is conveyed to the bottom of the slope by an electric motor. It is then raised 7,500 feet to the outside by a hoisting engine. It is then dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 192 men, worked 219 days and produced 97,358 tons of coal.

HUGO REMPEEL. *Mine Foreman.*

Consol Mine No. 4 is a slope opening working the Pittsburg or Big Vein coal seam. It is developed on the double entry system.

Ventilation is produced by a steam-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 very dangerous character, owing to the age of the mine. The timbering, however, is well looked after.

The coal is mined by pick, blasted by black powder, and hauled to the side track in the interior by mules. It is then conveyed to the bottom of the slope by motor, hoisted to the outside by means of a stationary engine, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 104 men, worked 219 days and produced 48,898 tons of coal.

JAMES DARROW. *Mine Foreman.*

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

Ventilation is produced by natural means and is conducted to the working faces by brattices.

Drainage is in a lawful condition. The roof is very dangerous, but the timbering is well looked after.

The coal is mined by pick, blasted by black powder. It is hauled to the outside by mules, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 32 men, worked 195 days, and produced 11,742 tons of coal.

FRANK WILLIAMS.....*Mine Foreman.*

Consol No. 7 is located at Lord one and one-half miles west of Carlos Junction. It is a slope opening, working the Pittsburg 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 Pittsburg seam in this region, and the timbering is well looked after.

The coal is gathered and hauled to the bottom of the slope by horses, from where it is hoisted 5,000 feet to the outside, dumped into railroad cars and shipped over the Carlos Branch of the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 99 men, worked 205 days and produced 65,975 tons of coal.

PETER HOYLE.....*Mine Foreman.*

Consol Mine No. 7 is located on the west side of the George's Creek, and is on the main line of the Cumberland and Pennsylvania Railroad. It is a slope opening, working the Pittsburg or Big Vein coal seam, and is developed on the double entry system.

Ventilation is produced by a fan driven by an electric motor. It is conducted to the working face by doors, brattices and stoppings.

The roof is very dangerous, but the timbering is well looked after.

The coal is gathered, and hauled to the bottom of the slope by horses, it is hoisted to the outside, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

Mine No. 8 was abandoned during the year 1919. They employed 20 men, worked 88 days and produced 7,798 tons of coal.

WM. MATHER.....*Mine Foreman.*

Consol Mine No. 9 is located at the end of the "Y" on the main line of the Cumberland and Pennsylvania Railroad. It consists of four drift openings, known as B, C, D, E, working the Tyson coal seam. D and E serve as a travel way for men, and B and C are used for haulage.

Ventilation is found in a satisfactory condition and is produced by steam-driven fans. It is conducted to the working face and throughout the mine by overcasts, doors and brattices.

Drainage is very difficult, but is kept in a lawful condition by holes being driven to the big vein and by the use of ten large electric pumps.

The coal is undercut by machine and by hand pick. The coal is gathered and conveyed to side tracks by motors. It is taken to the tippie by electric motors, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 156 men, worked 203 days and produced 121,356 tons of coal.

R. L. EDWARDS.....*Mine Foreman.*

Consol Mine No. 10 is located at Eckhart, Md., west of the Consol Mine No. 4. It is a drift opening, working the Upper Sewickley or Tyson coal seam, and is developed on the double-entry system.

Ventilation is produced by fan driven by an electric motor. The air is conducted to the working face by overcasts, doors and brattices.

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 vein and requires a great deal of timbering.

The coal is gathered and conveyed to the side tracks by mules in the old section, while in the new section it is conveyed to the side tracks by electric motors. It is taken to the outside and over a tram road 2,000 feet long to the dump by a large motor. It is then dumped into the railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 104 men, worked 207 days and produced 62,114 tons of coal.

R. L. EDWARDS.....*Mine Foreman.*

Consol Mine No. 11 is located at pumping shaft, above the big vein of Consol Mine No. 5. 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 a steam-driven fan, and is conducted to the working face by overcasts and brattices.

Drainage is very difficult, but is kept in a satisfactory condition by electric pumps and holes drilled into the big vein.

Roofing is good, except in a few places.

The coal is gathered and hauled to side tracks by mules, and is conveyed to a chute which is driven to the strata to the big vein at No. 3. It is then dumped into mine cars at the bottom of No. 3, conveyed to the tippie, dumped into railroad cars and shipped over Cumberland and Pennsylvania Railroad.

During the year of 1919 they employed 49 men, worked 208 days and produced 33,998 tons of coal.

A. C. NEAL.....*Mine Foreman.*

Consol Mine No. 12 is located at Borden Shaft, on the main line of the Cumberland and Pennsylvania Railroad. It is a shaft opening working the Pittsburg or Big Vein seam of coal. It is developed on the double entry system.

Ventilation is produced by a fan driven by a Crawford & Crimmond engine at pumping shaft.

Drainage is by natural means and ditches, and is drained in the Hoggman water ditch. The roof, is as good as the average, and requires a great deal of timbering.

The coal is gathered and hauled to a side track into the interior by horses, and hauled to the bottom of the shaft by air motor. It is then raised to the surface and dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 156 men, worked 203 days and produced 121,356 tons of coal.

CHARLES SHIELDS.....*Mine Foreman.*

Mine No. 13 is located at Old Consolidation, a village about one mile west of Frostburg, operating a series of drift openings in the Pittsburg and Tyson coal seam.

Drift No. 1 is ventilated by a steam-driven fan. The air current is conducted to the working face by brattices and doors, and is found in a good condition.

The coal is gathered and hauled to the tippie by horses, where it is dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

The slope opening is ventilated by a steam-driven fan and the air current is conducted to the working face by doors and brattices and is found in a lawful condition. The roof is good and the timbering is well looked after. The coal is gathered and hauled to the bottom of the slope by horses. It is then hoisted by engine and dumped in conjunction with the output of No. 1.

B, C and D are drift openings, working the Sewickley or Tyson coal seam. The ventilation is produced by natural means, and is not always satisfactory.

The coal is gathered and hauled to the outside and over a short tram road to the tippie by mules. It is then dumped in connection with the output of No. 1 and 2.

During the year 1919 they employed 74 men, worked 191 days and produced 40,870 tons of coal.

WM. MATHER.....*Mine Foreman.*

Consol Mine No. 14 is located at Allegheny, and is known as the "Old Allegheny Mine." It is a drift opening, working the Pittsburg 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 face by approved doors and brattices.

Drainage is by means of ditches and is drained into the Allegheny Ditch. The roof is of the usual character, overlying the Pittsburg seam.

The coal is gathered and hauled to the outside and to the head of the plane by horses. It is then lowered 600 feet, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 24 men, worked 205 days and produced 8,381 tons of coal.

GEORGE RICHARDSON.....*Mine Foreman.*

Consol No. 16 is located about two miles east of Midland. It consists of a series of openings and is developed on the double entry system.

No. 1 and Hoffman No. 3 are slope openings, and No. 4 is a drift openings. Ventilation is produced by an electric fan, 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.

Coal is gathered in the interior by horses, and hauled to the outside by electric hoists. It is hauled from No. 1 and 3 mines by means of a small engine to No. 4 mine. It is then hauled around a tram road of five miles by a large engine to No. 3 mine; where it is dumped into railroad cars and shipped over the Eckhart Branch of the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 105 men, worked 216 days and produced 61,040 tons of coal.

ALLEGANY COAL COMPANY.

E. J. ROBERTS.....*Mine Foreman.*

Tacoma Mine is located on the west side of the George's Creek at Franklin. This mine is a drift opening, working the Lower Kittanning or Davis six-foot coal seam.

Ventilation is produced by furnace and by several openings. The air current is conducted to the working faces by doors and stopping, and is found in a 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.

The coal is gathered in the interior and hauled from the mines to the tipple by mules. It is then dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 60 men, worked 136 days and produced 32,528.19 tons of coal during the year.

EAGAN MINING COMPANY.

The Eagan Mining Company is located at Midland and is a drift opening working the Pittsburg or Big Vein coal seam. During the year 1919 they employed 5 men, worked 30 days, and produced 700 tons of coal.

FITZPATRICK COAL COMPANY.

JOHN W. FITZPATRICK.....*Superintendent.*

Pekin Mine No. 1 is located on the west side of the George's Creek at Pekin. It is a drift opening, working the Pittsburg or Big Vein coal seam.

Ventilation is produced by holes being driven to the surface and around the outcrop, where the working face are located. Drainage is by natural means and ditches. The roof is of the usual character, and requires a great deal of timbering to keep it in a safe condition.

The coal is gathered in the interior and hauled to the head of the plane by horses. It is lowered 1,500 feet and dumped into the railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they produced 4,046 tons of coal.

UNITED BIG VEIN COAL COMPANY.

H. W. ROWE.....*Superintendent.*

United Big Vein Mine is located west of Mt. Savage. It consists of two drift openings, working the Pittsburg or Big Vein coal seam, and is developed on the double-entry system.

Ventilation is produced by natural means, 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 is well looked after.

The coal is gathered and hauled to the outside by mules. It is then conveyed over a tram road to the head of a plane by engine, then lowered over a plane to the dump, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 55 men, worked 196 days, and produced 19,343 tons of coal.

WESTERNPORT COAL COMPANY.

WM. WINKLER.....*Mine Foreman.*

The Westernport 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.

The coal is gathered in the interior and hauled to the outside by mules and dumped into conveyors. It is then dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 52 men, worked 225 days, and produced 36,000 tons of coal.

ELKINS READ.....*Superintendent.*

The Maryland Coal Company is located on the west side of the George's Creek at Lonaconing. They are operating several mines, working the Pittsburg or Big Vein, Tyson, Waynesburg and Freeport seams of coal.

Tyson Mine No. 1 is located on the west side of George's Creek at Lonaconing. It is a drift opening, working the Sewickley or Tyson coal seam, and is developed on the double-entry system.

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

Drainage is difficult, but is kept in a lawful condition by ditches and pumps. The roof is good, and timbering well looked after.

The coal is gathered and hauled by mules to side tracks in the interior; from there it is conveyed by motor to the tippie, dumped into railroad cars and shipped over the Western Maryland Railroad.

Big Vein Mine consists of two openings known as No. 10 and 12, working the Pittsburg or Big Vein coal seam.

At No. 10 the ventilation is produced by natural means and the air conditions are good. It is conducted to the working faces by doors and brattices. The drainage is by natural means and is found good.

At No. 12 the ventilation is produced by a motor-driven fan, and is conducted to the working faces by doors and brattices, and is found in a lawful condition. The drainage is by pumps and ditches and is very difficult. The roof requires a great deal of timbering.

The coal is gathered and hauled to the outside by horses, from there it is conveyed over a tram road to the tippie by an engine, dumped into railroad cars and shipped over the George's Creek Division of the Western Maryland Railroad.

CALEDONIA COAL COMPANY.

CHARLES O. ENOS.....*Superintendent.*

JOHN BEAU.....*Mine Foreman.*

Caledonia Mine is located on the west side of the George's Creek. The mine consists of four drift openings, working the Pittsburg 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.

The coal is gathered in the interior and conveyed to side tracks on the outside by horses. From there it is hauled two and one-third miles to the head of the plane by locomotive. It is then lowered over a plane and dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they produced 30,000 tons of coal.

McKEE COAL COMPANY.

JAMES JENKINS.....*General Manager.*

McKee coal mine is located one and one-half miles west of Caslos Junction. There are two openings, working the Pittsburg 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. Drainage is by natural means and is found in good condition. The roof requires a great deal of timbering, being near the outcrop.

The coal is gathered and hauled by horses to the outside and over a tram road to the head of the plane. It is then lowered over two planes, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 114 men, worked 234 days and produced 55,003 tons of coal.

MILLER & GREEN COAL COMPANY.

J. O. J. GREEN.....*Superintendent.*

O. C. COLENIAN.....*Mine Foreman.*

Miller & Green Coal Co. is located near Westernport and is a drift opening, working the Clarion or Parker seam of coal. It is developed by the double-entry system.

The ventilation is produced by a steam-driven fan and is conducted to the working faces by doors, stoppings, and is found to be generally good. Drainage is difficult and not at all times satisfactory, owing to the level condition of the mine.

Roofing is good and timbering carefully looked after.

Coal is mined by pick, blasted by black powder, and is gathered on the interior and hauled to the dump by mules, where it is dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 the mines have electrified and machinery installed.

WM. H. BARNES & SONS FUEL MINE.

The Barnes Mine, located at Midlothian, is a drift opening, working the Pittsburg or Big Vein Coal seam. During the year 1919 they produced 443 tons of coal.

SOLOMON BRODE FUEL MINE.

The Brode Mine is located at Frostburg, Md., and is a drift opening working the Pittsburg or Big Vein coal seam. During the year 1919 they produced 303 tons of coal.

SAMUEL SMITH FUEL MINE.

The Smith Mine is located at Midlothian and is a drift opening, working the Pittsburg or Big Vein coal seam. During the year 1919 they produced 1,332 tons of coal.

H. G. EVANS COAL COMPANY.

H. G. EVANS.....*Manager.*

Borden Mine is located at Borden, near Frostburg. There are two drift openings, working the Pittsburg or Big Vein coal seam.

Ventilation is produced by natural means, and 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.

The coal is gathered and hauled to the outside by horses, loaded into railroad cars and shipped over the Western Maryland Railroad.

PIEDMONT & GEORGE'S CREEK COAL CO.

PATRICK BROPHY.....*Superintendent.*

MARTIN T. O'ROURKE.....*Foreman.*

JOHN J. FAHERTY.....*Foreman.*

JAMES JACKSON.....*Foreman.*

Washington Mine No. 1 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 double-entry system.

Ventilation is produced by an electric driven fan and the air current is conducted to the working faces by doors and stoppings, and is found in satisfactory condition. Drainage is by means of pumps and is kept in a lawful condition. The roof is in good condition.

The coal is cut by Jeffrey Arc-Wall machine and is gathered and hauled to the dump by motor where it is dumped into cars on the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 70 men, worked 160 days and produced 29,172 tons of coal.

Washington Mine No. 2 is located at Eckhart. They are working the Big Vein and Redstone seam of coal.

The conditions of this mine is good.

During the year 1919 they employed 40 men, worked 260 days and produced 19,061 tons of coal.

PIEDMONT & GEORGE'S CREEK COAL CO.

(Washington Mine No. 5.)

PATRICK BROPHY. *Superintendent.*

JOHN D. WALLACE. *Foreman.*

Washington Mine No. 5 is located on the west side of the George's Creek, near Franklin. It has two drift openings, working the Bakerstown or Barton four-foot seam and is developed on the double entry system.

Ventilation is produced by an electric driven fan. The air current is conducted to the working faces by doors and brattices and is found in a good condition. Drainage is by natural means. The roof is good as the average overlying the Bakerstown seam, but the timbering is well looked after.

The coal is hauled from the interior by motor to the head of the plane and lowered 2,250 feet where it is dumped into railroad cars on the C. & P. Railroad.

During the year they employed 80 men, worked 255 days and produced 44,250 tons of coal.

McNITT COAL CO.

JAMES JENKINS. *Superintendent.*

JOHN FATKIN. *Foreman.*

The McNitt Coal Company is located at Midlothian and working the Swickley or Tyson coal seam. It is a slope opening and just recently opened, therefore, only produced a small tonnage for the year 1919.

They employed 24 men, worked 112 days, and produced 3,520 tons of coal.

N. MD. COAL MINING CO.

THOS. RICHARDSON. *Superintendent.*JACOB BLUBOUGH. *Mine Foreman.*

North Maryland Coal Mining Co. 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 there it is hauled through a rock tunnel several thousand feet long by electric motor.

The coal is shipped on the Western Maryland Railroad.

During the year they employed 67 men, worked 214 days and produced 31,933 tons of coal.

THE BROPHY-HITCHINS COAL COMPANY.

HARRY C. HITCHINS. *Superintendent.*JAMES TAYLOR. *Foreman.*

The No. 1 mine is located at Midlothian working the Redstone seam of coal. It is developed on 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.

During the year 1919 they employed 43 men, worked 200 days and produced 7,298 tons of coal.

HARRY C. HITCHENS. *Superintendent.*JOHN LAPP. *Foreman.*

The 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.

The working condition at this mine is very difficult owing to the small seam of coal. It is necessary to take down a large amount of rock to allow the men to work the coal. The machinery and general equipment of this mine is unusually good, and is without doubt one of the best mines in the State.

During the year 1919 they employed 73 men, worked 115 days and produced 5,979 tons of coal.

MIDLOTHIAN COAL COMPANY.

WM. WALTERS. *Superintendent.*

Midlothian Coal Co. is located at Midlothian, about two miles west of Frostburg. The mine consists of five drift openings, working the Tyson and Big Vein coal seam.

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 a dangerous character, being near the outcrop, and therefore, requires very careful timbering. The timbering is carefully looked after.

The coal is mined by pick, blasted by black powder and is gathered in the interior and is hauled to the head of the plane by horses. From there it is lowered over three planes. It is then dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 Big Vein employed 25 men, worked 114 days and produced 6,418 tons of coal. Tyson employed 17 men, worked 111 days and produced 3,030 tons of coal.

SULLIVAN BROS. COAL COMPANY.

JOHN A. SULLIVAN. *Superintendent.*

JOHN P. BARRY, BERNARD 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 is developed on the double-entry system.

Ventilation is produced by a large fan, driven by gas, and is found in good condition. Drainage is by natural means and ditches and is found in a satisfactory condition.

The coal is gathered and hauled to a side track in the interior by mules; from there it is conveyed to the head of the plane by a five-ton electric motor, lowered over a plane 1,200 feet, dumped into railroad cars and shipped over the Eckhart Branch of the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 78 men, worked 218 days and produced 41,100 tons of coal.

SULLIVAN BROS. COAL COMPANY.

Sullivan Mine No. 2 is located at Carlos. This mine consists of five drift openings and one slope opening, working the Pittsburg or Big Vein coal seam.

Ventilation is produced by numerous holes driven to the outside around the outcrop near where the working faces are located, and is found in a favorable condition. Drainage is by natural means and ditches. The roof is of a dangerous character, being near the outcrop, and, therefore requires a great deal of timbering to keep it in a safe condition.

The coal is gathered in the interior and hauled to the outside by horses; from there it is lowered over a plane to the dump. It is then dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 56 men, worked 218 days and produced 43,156 tons of coal.

BRAILER MINING COMPANY.

JOSEPH JERKINS. *Foreman.*

Bald Knob Mine is located at Mt. Savage. It consists of four openings, working the Pittsburg or Big Vein coal seam. It is developed on the double-entry system.

Ventilation is produced by natural means 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.

The coal is gathered and hauled to the outside by horses; from there it is conveyed over a tram road to the head of a plane. It is then lowered 4,500 feet to the tippel, from where it is dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 105 men, worked 110 days and produced 22,182 tons of coal.

MOSCOW-GEORGE'S CREEK COAL COMPANY.

J. W. P. SOMERVILLE. *Superintendent.*

Moscow No. 2 is located near Barton, on the west side of the George's Creek. There are three drift openings, working the Pittsburg or Big Vein coal seam.

The ventilation is produced by natural means, by numerous holes driven to the surface and around the outcrop near where the working faces are located. Conditions are good for this system of ventilation. Drainage is by natural means and ditches. The roof is of a very dangerous character and requires a great deal of timbering.

The coal is gathered in the interior by horses and hauled to the head of the plane. It is then conveyed over three planes and a tram road, and is dumped in conjunction with the output from Mine No. 3.

Mine No. 3 is located on the west side of the George's Creek near Barton. It is drift opening working the Bakerstown, better known as the Barton, four-foot seam of coal.

Ventilation is produced by an electric fan, and the air conditions are good.

The coal is gathered and hauled from the interior to the tippie by mules from where it is dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919, they employed 56 men, worked 151 days, and produced 25,338 tons of coal.

HOFFA BROS. COAL COMPANY.

WILLIAM HYDE, SR. *Superintendent.*

Potomac Mine is located in Barton. This mine consists of 11 drift openings, working the Pittsburg or Big Vein coal seam, and is developed on the single-entry system.

Ventilation is produced by natural means, and the conditions are favorable. The drainage is also by natural means, and is in satisfactory condition.

The coal is gathered and hauled from the interior by mules and over a tram road 5,000 feet long to the head of the plane. It is then lowered over four planes, hauled over a tram road by a 17-ton steam engine, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 100 men, worked 247 days and produced 88,930 tons of coal.

MIDLAND MINING CO.

J. W. P. SOMERVILLE. *Supt. and General Manager.*

Neff Run Mines is located near Midland. It has five openings working the Pittsburg 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 and 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.

The coal is gathered in the interior and hauled over a tram road to the head of a plane by horses. It is then lowered 800 feet to the tippie, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 46 men, worked 180 days and produced 37,828 tons of coal.

THE GEORGE'S CREEK-PARKER COAL COMPANY.

CLYDE J. ROWE *Superintendent.*
GRIFFITH GRIFFITH *Mine Foreman.*

Mine No. 1 is a drift opening, worked the Bluebaugh seam of coal.

Ventilation is produced by a seven-foot fan, driven by a steam engine. The air current is conducted to the working faces by approved doors and brattices. Drainage is by natural means and ditches. Roof is good and timbering carefully looked after.

The coal is undercut by machine and also by pick. It is gathered and hauled to a side track in the interior by mules; from there it is conveyed to the outside and over a short tram road to the tippie by electric motor. It is then dumped on a picking table and conveyed to railroad cars by motor. It is then shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 63 men, worked 131 days and produced 9,668 tons of coal.

MT. SAVAGE & GEORGE'S CREEK COAL CO.

C. ROBERTS *Superintendent.*
RARRY RETZOR *Foreman.*

Mine No. 1 is located at the 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 air shaft sunk 204 feet. The air current is conducted to the working faces by doors, brattices and stoppings. Drainage is difficult, but is kept in good condition by means of ditches and pumps. The roof is good and timbering is well looked after.

The coal is gathered and hauled to the outside over a short tram road to the tippie by mules. It is then dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 124 men, worked 178 days and produced 23,367 tons of coal.

CHAPMAN COAL COMPANY.

JOHN D. FRENZEL.....*Superintendent.*A. L. FRENZEL.....*Foreman.*

Chapman Mine is located at Barton on the west side of the George's Creek. It is a drift opening, working the Bakerstown or Barton four-foot seam of coal, and is developed on the double-entry system.

Ventilation is produced by a fan driven by a natural gas engine. It is conveyed to the working faces by doors and stoppings, and the air current is generally in a good condition. Drainage is overlying the Bakerstown seam.

The coal is gathered and hauled to the head of the plane by mules. It is then lowered to the tippie, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 Bakerstown employed 52 men, worked 174 days and produced 52,200 tons of coal. Tyson employed 10 men, worked 165 days, and produced 8,250 tons of coal.

STANTON & GEORGE'S CREEK COAL COMPANY.

LOUIS STANTON.....*General Manager.*

Stanton's Mine is located on the west side of Braddock's Run, one mile south of Clarysville, along the old National Road. It is a drift opening, working the Kittanning seam of coal.

Ventilation is produced by a 16-foot fan, driven by steam, and the air current is fairly good. Drainage is difficult in some sections. The roof which overlies the Kittanning in this section is above the average, and for this reason the timbering is sometimes neglected.

The coal is gathered in the interior and hauled to the head of the plane by mules and ponies. It is lowered 900 feet, dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 10 men, worked 45 days and produced 2,085 tons of coal.

FROSTBURG BIG VEIN COAL COMPANY.

C. S. JEFFRIES.....*Manager.*

The Frostburg Big Vein Coal Company Mine is located near Alleghany, on the west side of Jennings Run.

The mine has eight drift openings, working the Pittsburg or Big Vein coal seam.

Ventilation is produced by natural means, from holes being driven to the surface. Drainage is by natural means, and is in good condition.

The coal is gathered and hauled from the interior by horses to the head of the plane, where it is lowered 700 feet and dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 66 men, worked 192 days and produced 36,698 tons of coal.

WEST VIRGINIA PULP & PAPER COMPANY.

W. E. BROWN..... *Superintendent.*

HENRY BIGGS, P. H. BROWN..... *Mine Foreman.*

Devon Mine is located at Luke, on a branch of the Western Maryland Railroad. It is a drift opening, working the Davis six-foot seam, and is developed on the double-entry system.

Ventilation is produced by a fan driven by an electric motor, and is conducted to the working faces by doors and stoppings. The air current is found in a satisfactory condition. Drainage is difficult in some sections, but is kept in a lawful condition by electric pumps. The roof requires a great deal of timbering, which is always attended to promptly.

The coal is gathered to side tracks in the interior by mules, from there it is hauled to the head of the plane by two motors, where it is lowered to the dump. The output from this mine is used by the West Virginia Pulp and Paper Mill at Luke. The main head is illuminated with electric lights.

During the year 1919 they employed 81 men, worked 223 days and produced 70,438 tons of coal.

ALLEGANY BIG VEIN COAL COMPANY.

JAMES HANNA..... *Superintendent.*

The Allegany Coal Company Mine is located near Allegany. It is a drift opening, working the Pittsburg 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 requires a great deal of timbering to keep it in a safe condition.

The coal is gathered and hauled to the outside by horses loaded into railroad cars and shipped over the Western Maryland Railroad.

During the year 1919 they employed 31 men, worked 150 days and produced 8,505 tons of coal.

CLAIR COAL COMPANY.

V. H. BURTER.....*General Manager.*

Penn Mines Nos. 1, 2, 3 and 4 are located on the west side of the George's Creek, near Franklin. They are drift openings and working the Bakerstown-Barton four-foot coal seam, and are developed on the double-entry system.

The ventilation is well distributed, being produced by a large steam fan, and the air conditions are good. Drainage is by natural means and ditches.

The coal is gathered in the interior and hauled to the head of the plane by mules, where it is lowered 800 feet to the dump. It is dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 48 men, worked 217 days and produced 34,875 tons of coal.

CUMBERLAND BIG VEIN COAL COMPANY.

JOHN W. KRETZBURG.....*Superintendent.*

The Cumberland Big Vein Coal Co., Conway Mine No. 1, is located about one mile east of Eckhart. It is a drift opening, working the Pittsburg or Big Vein coal seam.

Ventilation is produced by natural means, and conditions are favorable. There are numerous holes driven to the surface and around the outcrop, where the working faces are located.

Drainage is by natural means and is found in a good condition. The roof is very dangerous and requires a great deal of timbering to keep it safe.

The coal is gathered in the interior and conveyed to the outside by horses. It is then dumped into motor trucks and hauled to the railroad.

During the year 1919 they employed 27 men, worked 178 days and produced 10,313 tons of coal.

PHOENIX AND GEORGE'S CREEK COAL CO.

JOHN L. CASEY.....*Superintendent.*

Elkhart Mine is located on the west side of the George's Creek near Reynolds. It is a drift opening, working the Bakerstown or Barton four-foot coal seam, and is developed on the double entry system.

Ventilation is produced by a fan driven by an electric motor, and is conducted to the working faces by doors and stoppings. Ventilation is in good condition.

Drainage is difficult in sections. The roof as a rule is good, but requires a great deal of timbering.

The coal is blasted by powder, and is gathered and hauled to a side in the interior by mules. From there it is hauled to the outside and to the head of the plane by electric motors. It is then lowered to the tipple dumped into railroad cars and shipped over the Cumberland and Pennsylvania Railroad.

During the year 1919 they employed 84 men and produced 33,231.70 tons of coal.

GARRETT COUNTY MINES

MONROE COAL MINING COMPANY.

WM. H. GIBSON *General Superintendent.*

Elk Run Mine No. 1 and 3 are located at Barnum, on the west side of the Potomac River, and on the main line of the Western Maryland Railroad. They are drift openings, working the Bakerstown or Barton four-foot and the Lower Kittanning or Davis six-foot seam of coal, and are developed on the double-entry system.

At Mine No. 1 the ventilation is produced by an 11-foot fan, driven by steam, and is generally good. The coal is gathered to a side track by mules, from there it is conveyed to the outside by gasoline motor and hauled over 600 feet of tram road to a dump, which crosses the Potomac River. It is loaded into railroad cars and shipped over the Western Maryland Railroad.

Mine No. 3 is located directly above Mine No. 1, and is a drift opening, working the Bakerstown or Barton four-foot coal seam.

Ventilation is produced by a seven-foot fan, driven by compressed air. The roof is good and the timbering is well looked after.

The coal is gathered and hauled from the interior to the head of the plane by mules. It is lowered 1,225 feet and dumped into railroad cars in connection with output of Mine No. 1.

During the year 1919 they employed 38 men, worked 222 days and produced 15,535 tons of coal.

DAVIS COAL & COKE COMPANY.

M. A. STEWART.....*Superintendent.*

The Kempton shaft of the Davis Coal & Coke Company is located in the southwest corner of Garrett County, Maryland. This is the shaft opening, working the Lower Kittanning coal seam.

The ventilation is produced by a Robinson fan and driven by an electric motor. It is conducted to the working faces by approved over-casts, doors and stoppings, and the air conditions are good. The roof is in good condition and the timbering is carefully looked after. Drainage is kept in a lawful condition by means of pumps.

The coal is undercut by three Goodman mining machines and also by pick. The coal is gathered and hauled to a side track in the interior by eight General Electric six-ton reel motors. From there it is hauled to the bottom of the shaft by two ten-ton motors. It is then raised 420 feet to the surface by an electric motor, and is dumped into a 600-ton steel bin. It is then dumped into railroad cars and shipped over the Western Maryland Railroad.

During the year 1919 they employed 170 men, worked 207 days and produced 173,412 tons of coal.

BLAINE MINING COMPANY.

GEORGE BOYD.....*Superintendent.*

G. L. CAMPBEL.....*Mine Foreman.*

Blaine Mining Company is located at Potomac Manor, on the west side of the Potomac River, and on the main line of the Western Maryland Railroad.

Mines No. 1 and 2 are drift openings, working the Lower Kittanning or Davis six-foot coal seam, and is developed on the double-entry system.

Ventilation is produced by a 12-foot fan, driven by steam. The air current is conducted to the working faces by doors and stoppings, and is found in a lawful condition.

Drainage is kept in a satisfactory condition by natural means and ditches. The roof is of the usual character overlying the Lower Kittanning seam in this region, and the timbering is well looked after.

The coal is gathered and hauled to a side track in the interior by mules and horses, from there it is conveyed to the outside and over 1,700 feet of tram road to the head of the plane by four electric motors. It is then lowered 900 feet to the dump and dumped on a 12-foot picking table, which conveys it to the railroad cars.

During the year 1919 they employed 146 men, worked 214 days and produced 103,881 tons of coal.

GARRETT COUNTY COAL MINING COMPANY.

WM. H. GIBSON.....*General Manager.*

Dodson Mine No. 5 is located at Dodson, on the northwest side of the Potomac River, and on the main line of the Western Maryland Railroad. It is a drift opening working the Upper Kittanning coal seam and is developed on the double-entry system.

Ventilation is produced by furnace, and is conducted to the working faces by doors and stoppings. It is sometimes unsatisfactory. Drainage is difficult owing to the level conditions of the mine. The roof is good and the timbering is well looked after.

The coal is gathered and hauled to a side track in the interior by mules, from where it is conveyed to the outside and over 3,000 feet of tram road by three gasoline motors to the head of the plane. It is then lowered 900 feet and dumped into railroad cars in conjunction with the output from Mines 1 and 3.

Dodson Mines Nos. 1 and 3 are located at Dodson on the northwest side of the Potomac River, and on the main line of the Western Maryland Railroad. They are drift openings working the Lower Kittanning coal seam, and are developed on the double-entry system.

Ventilation is produced by a 16-foot fan, driven by steam. It is conducted to the working faces by doors and stoppings.

The roof is of the usual character which overlies the Lower Kittanning seam, and therefore requires a great deal of timbering.

The coal is gathered and hauled to the side track in the interior by mules, from there it is conveyed to the outside and over 3,000 feet of tram road to the head of a plane by three gasoline motors.

It is then lowered 900 feet to the tippie, equipped with a 120-foot picking table and dumped into railroad cars and shipped over the Western Maryland Railroad.

During the year 1919 they employed 146 men, worked 228 days and produced 111,883.10 tons of coal.

POTOMAC VALLEY COAL COMPANY.

OTIS ABERNATHY.....*Superintendent.*

CARL W. LOUGH.....*Mine Foreman.*

Peerless Mine is located one and one-half miles from Kitzmiller on the main line of the Western Maryland Railroad. There are two drift

openings, working the Upper Freeport coal seam, and is developed on the double-entry system.

Ventilation is produced by a 12-foot fan, driven by natural gas engine and is found good.

Drainage is found in a satisfactory condition by means of pumps and ditches. The roof is good and the timber is well looked after.

The coal is gathered and hauled to side tracks in the interior by mules and ponies; from there it is conveyed to the outside and over 1,000 feet of tram road to the head of the plane by two gasoline motors. It is then lowered to a bridge crossing the Potomac River and dumped into railroad cars.

During the year 1919 they employed 29 men, worked 200 days and produced 48,072.18 tons of coal.

OTIS ABERNATHY. *Superintendent.*

JOSEPH SMITH. *Mine Foreman.*

Louis Mine is located on the west side of the Potomac River at Chaffee on a spur off the main line of the Western Maryland Railroad. It is a drift opening, working the Lower Kittanning or Davis six-foot coal seam.

Ventilation is produced by furnace and conducted to the working faces by doors and stoppings, and is found in a satisfactory condition. The roof is good and the timbering is well looked after.

The coal is gathered and hauled by mules to the tipple, and is dumped into railroad cars and shipped over the Western Maryland Railroad.

During the year 1919 they employed 3 men, worked 190 days and produced 2,238.04 tons of coal.

HAMILL COAL & COKE COMPANY.

R. A. SMITH. *Superintendent.*

Hamill Coal & Coke Co., Mines Nos. 1 and 2, located one mile southwest of Kitzmiller, on the main line of the Western Maryland Railroad. It consists of two drift openings, working the Lower Kittanning or Davis six-foot coal seam.

Ventilation is produced by a 12-foot fan, driven by natural gas engine. It is conducted to the working faces by approved stoppings and doors, and is found to be good throughout. The drainage is difficult, but is kept in a lawful condition by means of pumps and ditches. The roof is very dangerous and requires a great deal of timbering in order to prevent falls of rock. The timbering is well looked after.

The coal is mined by pick and gathered and hauled to a side track in the interior by mules; from there it is conveyed to the outside by a gasoline motor and dumped into a large storage bin. From there it is loaded into two buckets and is conveyed by aerial tramway across the Potomac River and finally dumped into railroad cars.

During the year 1919 they employed 120 men, worked 158 days and produced 83,000 tons of coal.

HUBBARD COAL MINING COMPANY.

P. J. BRENNAN.....*Superintendent.*

Hubbard Coal Company is located on the main line of the Western Maryland Railroad. The mine is working the Lower Kittanning or Davis six-foot coal seam, and is developed on the double-entry system.

Ventilation is produced at No. 1 Mine by a 10-foot fan, driven by a six-ton Westinghouse electric motor. The air current is conducted to the working faces by doors and stoppings, and is found generally good. Drainage is in a satisfactory condition by natural means and ditches. The roof in No. 1 Mine is in a dangerous condition, and requires a great deal of timbering to keep it safe.

The coal is undercut by a C. E. Sullivan short wall chain machine and also by hand pick. It is gathered and hauled to a side track in the interior by mules; from there it is conveyed to the outside and over a tram road to the head of a plane by electric motor. It is then lowered 900 feet to a dump which crosses the Potomac River, and finally dumped in railroad cars and shipped over the Western Maryland Railroad.

PATTISON COAL COMPANY.

RUSSELL PATTISON.....*Superintendent.*

THOS. P. SWAM.....*Mine Foreman.*

Pattison & Brydon Nos. 1 and 2 are located about one mile west of Bloomington, Md., and on the main line of the Baltimore and Ohio Railroad. They are drift openings, working the Bakerstown or Barton four-foot and the Upper Kittanning coal seam.

In Mine No. 1, working the Bakerstown seam, the ventilation is produced by a steam-driven fan. It is conducted to the working faces by approved doors and brattices and found in a good condition. The drainage is by natural means and ditches. The roof is of the usual character and the timbering is well looked after.

The coal is mined by pick and is gathered and hauled to the interior by mules, and is conveyed over a tramway 1,400 feet long to the head of the plane. It is then lowered and dumped into railroad cars.

In Mine No. 2, working the Kittanning seam, the ventilation is produced by natural means, and is conducted to the working faces by means of brattices. The air current is satisfactory.

Drainage is by natural means and in good condition. The roof is good and the timbering is well looked after. The coal is gathered and hauled from the interior to the tippie, and is dumped into railroad cars and shipped over the Baltimore and Ohio Railroad.

During the year 1919 they employed 32 men, worked 74 days and produced 8,359 tons of coal.

BLOOMINGTON COAL COMPANY.

L. B. BRYDON.....*Superintendent.*

Mine No. 7 is located near Bloomington, and is a drift opening, working the Lower Kittanning coal seam.

Ventilation is produced by furnance, and is conducted to the working faces by brattices and doors. The air current is found satisfactory. Drainage is by natural means, and is found in good condition. The roof is of the usual character overlying the Kittanning seam, and the timbering is carefully looked after.

The coal is mined by pick and is gathered and hauled from the interior to the outside by mules. It is then conveyed over a long tram road to the tippie by a steam locomotive, dumped into railroad cars and shipped over the Baltimore and Ohio Railroad.

J. M. KISNER FUEL MINES.

The Kisner Mine is located near Oakland, Md., and is a drift opening.

OFFUTTS & SONS FUEL MINE.

The Offutt Mine is located at Oakland and is a drift opening. During the year 1919 they produced 3,400 tons of coal.

PENDERGAST & ASHBY FUEL MINE.

The Pendergast & Ashby Mine is located at Ottaway, Md., and is a drift opening. During the year 1919 they employed 18 men, worked 118 days.

CLAY MINES**UNION MINING COMPANY.**S. J. ALDON.....*Superintendent.*JOSEPH FINZLE.....*Mine Foreman.*

The Union Mining Company Fire Clay Mines are located about four miles west of Mt. Savage on the Savage Mountain. They are drift openings, working the clay seam, and are developed on the double-entry system.

Ventilation is produced by a six-foot fan, driven by a 15 H. P. motor. It is conducted to the working faces by doors and brattices. The air conditions are good. The drainage is by natural means and ditches, and is in a fairly good condition. The roof is of the usual character, which overlies the clay seam, and requires a great deal of timbering to prevent accident from falls of roof.

The clay is drilled by a Sullivan jack-hammer drill, blasted by dynamite, and is gathered and hauled from the interior to the outside by mules; from there it is dumped into large cars and lowered down to a plane one mile long to the tram road two miles long, and hauled by a small locomotive engine to the yards in Mt. Savage, where it is prepared for the market.

During the year 1919 they employed 69 men, worked 226 days and produced 24,136 tons of clay.

THE BIG SAVAGE FIRE BRICK COMPANY.CLARENCE RALEY.....*Mine Foreman.*

The Big Savage Fire Brick Mines are located on the Big Savage Mountain, about three miles northwest of Frostburg. They are drift openings, working the clay seam.

Ventilation is produced by natural means and also by a heading driven through the Savage Mountain Fire Brick Mines to this mine. The air current is conducted to the working faces by approved doors and brattices. Drainage is by natural means.

The roof is of the usual character overlying the Savage clay seam, and requires a great deal of timbering to keep it in a safe condition. The timbering is well looked after.

The clay is drilled by hand and is gathered in the interior and is hauled to the head of the plane by mules. It is then lowered and dumped into large cars, and conveyed down the mountain a distance of

two and one-half miles to the brick yard and there prepared for the market.

During the year 1919-20 Parker mine employed 2 men, worked 300 days and produced 308 tons of clay. Nos. 1 and 2 employed 48 men, worked 300 days and produced 4,392 tons of clay.

ANDREW RAMSAY COMPANY.

ANDREW RAMSAY. *General Manager.*

Maryland Mine is located two and one-half miles southwest of Ellerslie, and is a drift opening, working the clay seam.

Ventilation is produced by natural means and is found good. Drainage is by natural means and is in a lawful condition. The roof is of the usual character which overlies the clay seam. It requires a great deal of timbering to prevent accidents. The timbering is well looked after.

The clay is gathered and hauled from the interior by mules, and is conveyed to the yard, where it is prepared for the market.

During the year 1919-20 they employed 9 men, worked 300 days and produced 2,859 tons of clay.

SAVAGE MOUNTAIN FIRE BRICK COMPANY.

CHAS. WOLFE. *Mine Foreman.*

The Savage Mountain Fire Brick Mine is located about three miles northwest of Frostburg. It is a drift opening working the fire clay seam.

Ventilation is produced by natural means, by air holes being driven to the surface, also by heading being driven through to the Big Savage Fire Brick Mine.

Drainage is by natural means, and is very difficult. It is however kept in good condition.

The roof is good and the timbering is well looked after.

The clay is gathered in the interior and hauled to the surface by mules. It is then conveyed over a long tram road, dumped into large motor trucks and wagons and is hauled to the yards in Frostburg, where it is prepared for the market.

During the year 1919-20 they produced 10,189 tons of clay.