

CALENDAR YEAR 1967  
FORTY-FIFTH ANNUAL REPORT  
of the  
**MARYLAND BUREAU OF MINES**  
of the  
STATE OF MARYLAND

Board of Natural Resources  
Maryland Geological Survey  
KENNETH N. WEAVER, *Director*



TO  
HON. SPIRO T. AGNEW  
GOVERNOR OF MARYLAND

From  
MARYLAND BUREAU OF MINES  
HARRY B. BUCKLEY, *Director*

STATE OF MARYLAND  
GEOLOGICAL SURVEY — BUREAU OF MINES  
WESTERNPORT, MARYLAND 21562

LETTER OF TRANSMITTAL

*To His Excellency*

HON. SPIRO T. AGNEW

*Governor of Maryland*

SIR:

I have the honor to submit herewith the forty-fifth Annual Report of the Maryland Bureau of Mines for the period of January 1, 1967, to December 31, 1967, in compliance with the Maryland Mining Law.

Very respectfully,

HARRY B. BUCKLEY, *Director.*

# REPORT OF THE MARYLAND BUREAU OF MINES

1967

To His Excellency

HON. SPIRO T. AGNEW

Governor of Maryland

SIR:

The report herewith submitted is for the calendar year 1967 and is the Twentieth Annual Report upon conditions of the Coal and Clay mines within the State.

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

## COAL AND CLAY PRODUCTION

Strip Mine .....	881,242.44
Deep Mine .....	392,854.19
Auger Mine .....	45,221.00
Total .....	1,319,317.63

## COAL PRODUCTION

*Allegany County:* During the calendar year 1967, the Allegany County mines employed 60 laborers and 65 outside employees, making a total of 125 men. The production of coal for 1967 was 304,166.90 net tons. This shows a production of 2,433 net tons per man employed during this period

*Garrett County:* During the calendar year 1967, the Garrett County mines employed 104 laborers and 99 outside employees, making a total of 203 men. The production of coal for 1967 was 1,008,056.73 net tons. This shows a production of 4,965 net tons per man employed during this period.

## FIRE CLAY PRODUCTION

*Allegany County:* During the calendar year 1967, the fire clay mines in Allegany County employed 8 men. The production of fire clay during 1967 was 7,094 net tons and shows a production of 887 net tons per man.

*Garrett County:* There was no clay production in Garrett County in 1967.

**MARYLAND COMMISSION ON MINING LAWS**

Donald E. Moran, Chairman ..... Representing Coal Operators  
 Cheslie A. Liller ..... Representing Coal Operators  
 Kenneth A. Bray ..... Representing Mine Employees

**MINE EXAMINING BOARD**

Harry B. Buckley, Chairman ..... Westernport  
 J. J. Walker, Representing Operators ..... Shallmar  
 Leslie T. Foote, Representing Miners ..... Lonaconing

**PERSONNEL, MARYLAND BUREAU OF MINES***Director*

Harry B. Buckley ..... Westernport

*District Mine Inspectors*

Melvin K. DeShong ..... Westernport  
 Chester L. Evans ..... Kitzmiller  
 Thomas B. Powell ..... Frostburg

*Fuel Combustion Advisor*

Robert D. Ewing ..... Frostburg

*Secretary III*

Mrs. Elizabeth Ann Gilmore ..... Westernport

*Stenographer*

Miss Beverly Joan Barnard ..... Barton

*Senior Typist*

Mrs. Lillian A. Frankhouser ..... Cresaptown

## SUMMARY OF PRODUCTION STATISTICS

1967

## COAL

	Allegany County	Garrett County	Total Net Tons
Strip.....	221,936.40	659,306.04	881,242.44
Deep.....	82,902.50	309,951.69	392,854.19
Auger.....	6,422.00	38,799.00	45,221.00
Total.....	311,260.90	1,008,056.73	1,319,317.63

## EMPLOYEES

Deep Mine.....	60	104	164
Outside.....	65	99	164
Total.....	125	203	328

## CLAY

Deep Mine.....	7,094.00	0	7,094.00
Strip Mine.....	0	0	0
Total.....	7,094.00	0	7,094.00

## EMPLOYEES

Deep Mine.....	8	0	8
Strip Mine.....	0	0	0
Total.....	8	0	8

**COMPARATIVE STATEMENT OF STATISTICS OF  
COAL AND CLAY PRODUCTION**

1966-1967

**COAL**

**Allegheny County**

Year	Net Tons (Cwt)	Tons Shipped by Rail	Tons Shipped by Truck	Deep Mine Employees	Outside Employees	Total	Fatalities
1966.....	281,166.17	N.A.	N.A.	69	54	123	0
1967.....	311,260.90	35,282.98	275,977.92	60	65	125	0

**Garrett County**

1966.....	928,885.03	N.A.	N.A.	135	102	237	0
1967.....	1,008,056.73	634,547.70	373,509.03	104	99	203	1

**Entire State**

1966.....	1,210,052.00	N.A.	N.A.	204	144	348	0
1967.....	1,319,317.63	669,830.68	649,486.95	164	164	328	1

**CLAY**

1966.....	7,427.00	N.A.	N.A.	10	0	10	0
1967.....	7,094.00	0	7,094.00	8	0	8	0

**TOTAL COAL AND CLAY PRODUCTION**

1966 ..... 1,217,479.00  
1967 ..... 1,319,317.63

## TONNAGE BY COAL SEAM

1967

## Allegany County

Pittsburgh .....	75,596.52
Franklin .....	65,691.59
Tyson .....	53,472.20
Bakerstown .....	48,111.00
Redstone .....	42,600.00
Waynesburg .....	16,517.59
Freeport .....	2,178.00
	<hr/>
Total .....	304,166.90
Fire Clay .....	7,094.00

## Garrett County

Freeport .....	239,518.69
Brookville .....	237,404.35
Clarion .....	168,276.00
Kittanning .....	115,671.00
Pittsburgh .....	105,761.00
Franklin .....	104,146.00
Harlem .....	20,629.35
Bakerstown .....	16,650.34
	<hr/>
Total .....	1,008,056.73

## TONNAGE BY BASIN

1967

Upper Potomac .....	673,435.39
Georges Creek .....	545,866.90
Lower Youghiogheny .....	51,799.00
Castleman .....	47,980.34
Upper Youghiogheny .....	236.00
	<hr/>
Total .....	1,319,317.63

### NAMES OF COAL SEAMS

---

**Maryland Report**

Pa., W. Va., Ohio  
Names Used By  
C. K. Swartz

---

Waynesburg .....	Waynesburg
Tyson .....	Sewickley
Redstone .....	Redstone
Pittsburg .....	Pittsburg
Franklin .....	_____
Bakerstown .....	Elklick
Harlem .....	Harlem
Freeport .....	Bakerstown
Kittanning .....	U. Freeport (E coal)
Clarion .....	L. Freeport (D coal)
Brookville .....	U. Kittanning (C coal)



## MINE INSPECTIONS

## Allegheny County

1967

Date	Name of Company and Mine	Location	Inspector
Jan.	4—F & C Coal Co., No. 4 Mine.....	Barton	Evans
"	5—Gray Coal Co., Columbia Mine.....	Midland	Powell
"	6—Thrasher, J. R. C & S Co.....	Midland	Powell
"	10—Kaiser Refractories, Fire Clay.....	Frostburg	Powell
"	11—Beener Coal Co., Hoffa Strip.....	Barton	Evans
"	11—Phoenix Big Vein Coal Co., Hoffa Strip.....	Barton	Evans
"	11—Tri-State Const. Co., Tri-State.....	Frostburg	Powell
"	12—Brashear, Wm. Coal Co., Strip Mine.....	Westernport	Evans
"	12—Watkins Coal Co., Watkins Mine.....	Mt. Savage	Powell
"	17—Koontz Coal Co., Koontz Mine.....	Frostburg	Powell
"	19—Beener Coal Co., Barnes Strip.....	Midlothian	Powell
"	23—Bennett, W. C., Bennett Mine.....	Frostburg	Powell
"	25—Clites Coal Co., Parker No. 1 Mine.....	Barrelville	Powell
"	26—Goodwill Fuel Co., Winters Strip.....	Midlothian	Powell
"	27—Central Coal Co., No. 5 Mine.....	Frostburg	Powell
Feb.	1—Georges Creek Lumber Co., McDonald Tract.....	Vale Summit	Powell
"	1—Liller, C. A. Coal Co., Sheraton Strip.....	Lonaconing	Evans
"	2—Winner Bros. Coal Co., Reed Strip.....	Midlothian	Powell
"	3—Woodland Coal Co., No. 5 Mine.....	Frostburg	Powell
"	9—Wolford Coal Co., Wolford Mine.....	Frostburg	Powell
"	10—Porter Coal Co., Porter Mine.....	Eckhart	Powell
"	14—Gray Coal Co., Columbia Mine.....	Midland	Powell
"	15—Robertson Coal Co., Strip Mine.....	Barton	Evans
"	16—Beener Coal Co., Strip Mine.....	Midlothian	Powell
"	16—Pine Mt. Coal Co., Strip Mine.....	Lonaconing	Evans
"	21—Thrasher, J. R. Contg. & Strp.....	Gilmore	Evans
"	23—Koontz Coal Co., Koontz Mine.....	Frostburg	Powell
"	24—Beener Coal Co., Strip Mine.....	Barton	Evans
"	24—Watkins Coal Co., Watkins Mine.....	Mt. Savage	Powell
"	28—Brashear, Wm. Coal Co., Strip Mine.....	Westernport	Evans & DeS.
"	28—Tri-State Const. Co., Tri-State.....	Frostburg	Powell
Mar.	1—Kaiser Refractories & Chemical Div.....	Frostburg	Powell
"	3—Thrasher, J. R. C & S Co., Strip Mine.....	Midland	Powell
"	7—Clites Coal Co., Parker No. 1 Mine.....	Barrelville	Powell
"	14—Thrasher, J. R. C & S Co., Strip Mine.....	Midlothian	Powell
"	15—Central Coal Co., No. 5 Mine.....	Frostburg	Powell
"	16—Wolford Coal Co., Wolford Mine.....	Frostburg	Powell
"	21—Bennett, W. C., Bennett Mine.....	Frostburg	Powell
"	21—Robertson Coal Co., Strip Mine.....	Barton	DeShong
"	22—Winner Bros. Coal Co., Strip Mine.....	Midlothian	Powell
"	29—Marble Big Vein Coal Co., No. 1 Mine.....	Lonaconing	DeShong
"	29—Matthews Coal Co., No. 1 Mine.....	Lonaconing	DeShong
"	29—Pine Hill Coal Co., No. 1 Mine.....	Lonaconing	DeShong
"	30—Koontz Coal Co., Koontz Mine.....	Frostburg	Powell
"	30—Moffatt Coal Co., No. 1 Mine.....	Lonaconing	DeShong
"	30—Piney Mt. Coal Co., No. 1 Mine.....	Lonaconing	DeShong
Apr.	5—Nelson Coal Co., No. 2 Mine.....	Westernport	DeShong
"	5—W & W Coal Co., No. 6 Mine.....	Barton	DeShong
"	5—Tri-State Const. Co., Tri-State.....	Frostburg	Powell
"	6—Brashear, Wm. Coal Co., Strip Mine.....	Westernport	DeShong
"	6—Watkins Coal Co., Watkins Mine.....	Mt. Savage	Powell
"	6—W & F Coal Co., No. 1 Mine.....	Westernport	DeShong
"	7—Beener Coal Co., Strip Mine.....	Midlothian	Powell
"	10—Porter Coal Co., Porter Mine.....	Eckhart	Powell
"	11—Pine Mt. Coal Co., George Creek Strip.....	Gilmore	DeShong
"	11—Woodland Coal Co., No. 5 Mine.....	Frostburg	Powell
"	12—George Creek Coal Co., Strip Mine.....	Vale Summit	Powell
"	14—Goodwill Fuel Co., Strip Mine.....	Midlothian	Powell
"	17—Bennett, W. C., Bennett Mine.....	Frostburg	Powell
"	19—Liller, C. A. Coal Co., Strip Mine.....	Barton	DeShong
"	21—Kaiser Refractories, Fire Clay.....	Frostburg	Powell
"	21—Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	DeShong
"	25—Thrasher, J. R. Contg. & Strpg. Co.....	Midland	Powell
"	26—W & W Coal Co., No. 6 Mine.....	Barton	DeShong
"	26—Wolford Coal Co., Wolford Mine.....	Frostburg	Powell
"	27—Gray Coal Co., Columbia Mine.....	Midland	Powell
"	28—Winner Bros. Coal Co., Reed Tract.....	Midlothian	Powell

## MINE INSPECTIONS

## Allegany County

1967

Date	Name of Company and Mine	Location	Inspector
Apr. 28	Phoenix Big Vein Coal Co., Hoffa Strip.....	Barton	DeShong
May 2	Clark Coal Co., No. 1 Mine.....	Barton	DeShong
" 2	Robertson Coal Co., Strip Mine.....	Barton	DeShong
" 3	Thrasher, J. R. Contg. & Strpg. Co.....	Midlothian	Powell
" 8	Central Coal Co., No. 5 Mine.....	Frostburg	Powell
" 9	Beener Coal Co., Strip Mine.....	Barton	DeShong
" 9	Clites Coal Co., Parker No. 1 Mine.....	Barrelville	Powell
" 10	Bakerstown Coal Co., No. 4 Mine.....	Barton	DeShong
" 10	Koontz Coal Co., Koontz Mine.....	Frostburg	Powell
" 11	Pine Mt. Coal Co., Strip Mine.....	Midland	DeShong
" 12	Pine Hill Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 16	Brashear, Wm., Coal Co., Strip Mine.....	Westernport	DeShong
" 31	Liller, C. A. Coal Co., Strip Mine.....	Barton	DeShong
" 31	Thrasher, J. R. C & S Co., Strip Mine.....	Midland	Powell
June 1	Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	DeShong
" 5	Robertson Coal Co., Strip Mine.....	Barton	DeShong
" 7	Piney Mt. Coal Co., No. 2 Mine.....	Lonaconing	DeShong
" 8	W & W Coal Co., No. 6 Mine.....	Barton	DeShong
" 10	W & F Coal Co., No. 1 Auger Mine.....	Westernport	DeShong
" 19	Nelson (Raymond) Coal Co., No. 2 Mine.....	Westernport	DeShong
" 19	Phoenix Big Vein Coal Co., Strip Mine.....	Barton	DeShong
" 19	Wolford Coal Co., Wolford Mine.....	Frostburg	DeShong
" 20	Woodland Coal Co., No. 5 Mine.....	Frostburg	Powell
" 22	Clark Coal Co., No. 1 Mine.....	Barton	DeShong
" 22	Win-More Mining & Const. Co., Koontz Mine.....	Frostburg	Powell
" 23	Winner Bros. Coal Co., Reed Strip.....	Frostburg	Powell
July 2	Bakerstown Coal Co., No. 4 Mine.....	Barton	DeShong
" 5	Thrasher, J. R. C & S, Strip Mine.....	Lonaconing	DeShong
" 6	Beener Coal Co., Strip Mine.....	Barton	DeShong
" 7	Bennett, W. C. Coal Co., Bennett Mine.....	Frostburg	Powell
" 7	Pine Hill Coal Co., No. 1 Mine.....	Frostburg	DeShong
" 11	Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	Powell
" 12	Central Coal Co., No. 5 Mine.....	Frostburg	Powell
" 12	Robertson Coal Co., Strip Mine.....	Barton	DeShong
" 13	Liller, C. A. Coal Co., Strip Mine.....	Barton	DeShong
" 13	Moffatt Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 14	Clites Coal Co., Parker No. 2 Mine.....	Barrelville	Powell
" 15	Brashear, Wm., Coal Co., Strip Mine.....	Westernport	DeShong
" 18	Gray Coal Co., Columbia Mine.....	Midland	Powell
" 19	Homage Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 28	Win-More Coal Co., Koontz Mine.....	Midlothian	Powell
" 28	Piney Mt. Coal Co., No. 2 Mine.....	Lonaconing	DeShong
" 31	Renner Coal Co., Campbell Tract.....	Grantsville	DeShong
" 31	W & W Coal Co., No. 6 Mine.....	Westernport	DeShong
Aug. 1	Tri-State Const. Co., Tri-State.....	Frostburg	Powell
" 15	Beener Coal Co., Strip Mine.....	Midlothian	Powell
" 15	Liller, C. A. Coal Co., Strip Mine.....	Barton	DeShong
" 16	Pine Mt. Coal Co., Strip Mine.....	Lonaconing	DeShong
" 16	Randall Robertson Coal Co., Strip Mine.....	Barton	DeShong
" 16	Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	DeShong
" 22	Watkins Coal Co., Watkins Mine.....	Mt. Savage	Powell
" 23	Kaiser Refractories, Fire Clay.....	Frostburg	Powell
" 24	Wolford Coal Co., Wolford Mine.....	Frostburg	Powell
" 31	Central Coal Co., No. 5 Mine.....	Frostburg	Powell
" 31	Beener Coal Co., Strip Mine.....	Lonaconing	DeShong
Sept. 13	Renner Coal Co., Campbell Tract.....	Grantsville	DeShong
" 13	W & F Coal Co., No. 1 Auger Mine.....	Westernport	DeShong
" 14	Thrasher, J. R. C & S Co., Strip Mine.....	Midlothian	Powell
" 18	Phoenix Big Vein Coal Co., Strip Mine.....	Barton	DeShong
" 19	Homage Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 19	Liller, C. A. Coal Co., Strip Mine.....	Barton	DeShong
" 20	Tri-State Const. Co., Tri-State.....	Frostburg	Powell
" 21	Pine Mt. Coal Co., Strip Mine.....	Lonaconing	DeShong
" 21	Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	DeShong
" 26	Central Coal Co., No. 5 Mine.....	Frostburg	Powell
" 26	Beener Coal Co., Strip Mine.....	Lonaconing	DeShong
" 27	Randall Robertson Coal Co., Strip Mine.....	Barton	DeShong
" 28	Winner Bros. Coal Co., Strip Mine.....	Frostburg	Powell

## MINE INSPECTIONS

## Allegany County

1967

Date	Name of Company and Mine	Location	Inspector
Sept. 28	—Homage Coal Co., No. 1 Mine.....	Lonaconing	DeShong
Oct. 6	—Win-More Coal Co., Koontz Mine.....	Midlothian	Powell
" 10	—Brashear, Wm., Coal Co., Strip Mine.....	Westernport	DeShong
" 10	—Bakerstown Coal Co., No. 4 Mine.....	Barton	DeShong
" 11	—W & W Coal Co., No. 6 Mine.....	Westernport	DeShong
" 13	—Myers Coal Co., Porter Mine.....	Eckhart	Powell
" 17	—Thrasher, J. R. C & S Co., Strip Mine.....	Midland	Powell
" 17	—Liller, C. A. Coal Co., Strip Mine.....	Barton	DeShong
" 17	—Michaels Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 17	—Moffatt Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 19	—Phoenix Big Vein Coal Co., Strip Mine.....	Barton	DeShong
" 23	—Gray Coal Co., Columbia Mine.....	Midland	Powell
" 24	—Kaiser Refractories, Fire Clay.....	Frostburg	Powell
" 24	—W & W Coal Co., No. 6 Mine.....	Westernport	DeShong
" 25	—Watkins Coal Co., Watkins Mine.....	Mt. Savage	Powell
" 26	—Randall Robertson Coal Co., Strip Mine.....	Barton	DeShong
" 27	—Renner Coal Co., Campbell Tract.....	Grantsville	DeShong
" 30	—Beener Coal Co., Strip Mine.....	Barton	DeShong
Nov. 2	—Clites Coal Co., No. 1 Mine.....	Barrelesville	Powell
" 2	—Homage Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 2	—Pine Mt. Coal Co., Strip Mine.....	Gilmore	DeShong
" 2	—Pine Hill Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 2	—Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	DeShong
" 3	—W & F Coal Co., No. 1 Auger Mine.....	Westernport	DeShong
" 6	—Brashear, Wm., Coal Co., Strip Mine.....	Westernport	DeShong
" 7	—Homer Coal Co., Inc., No. 5 Mine.....	Klondike	DeShong
" 8	—Wolford Coal Co., Wolford Mine.....	Frostburg	Powell
" 9	—Matthews Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 10	—Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	DeShong
" 10	—Central Coal Co., No. 5 Mine.....	Frostburg	Powell
" 10	—Bennett, W. C., Bennett Mine.....	Frostburg	Powell
" 14	—Winner Bros., Strip Mine.....	Midlothian	Powell
" 15	—Myers Coal Co., Porter Mine.....	Eckhart	Powell
" 15	—Phoenix Big Vein Coal Co., Strip Mine.....	Barton	DeShong
" 15	—Renner Coal Co., Campbell Tract.....	Grantsville	DeShong
" 16	—Thrasher, J. R. C & S Co., Strip Mine.....	Midland	Powell
" 17	—Homage Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 21	—H. & D. Coal Co., No. 1 Mine.....	Barton	DeShong
" 21	—Randall Robertson Coal Co., Strip Mine.....	Barton	DeShong
" 22	—Win-More Coal Co., Koontz Mine.....	Frostburg	Powell
" 22	—C. A. Liller Coal Co., Strip Mine.....	Lonaconing	DeShong
" 29	—Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	DeShong
" 30	—Tri-State Const. Co., Tri-State.....	Frostburg	Powell
" 30	—Homage Coal Co., No. 1 Mine.....	Lonaconing	DeShong
Dec. 1	—Beener Coal Co., Strip Mine.....	Barton	DeShong
" 4	—Gray Coal Co., Columbia Mine.....	Midland	Powell
" 4	—W & W Coal Co., Michael Mine.....	Barton	DeShong
" 5	—Bakerstown Coal Co., No. 4 Mine.....	Barton	DeShong
" 5	—Brashear, Wm. Coal Co., Strip Mine.....	Westernport	DeShong
" 6	—Pine Mt. Coal Co., Strip Mine.....	Lonaconing	DeShong
" 6	—Pine Hill Coal Co., No. 1 Mine.....	Gilmore	DeShong
" 6	—Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	DeShong
" 7	—Watkins Coal Co., Watkins Mine.....	Mt. Savage	Powell
" 7	—W & F Coal Co., No. 1 Mine.....	Westernport	DeShong
" 12	—Renner Coal Co., Strip Mine.....	Franklin	DeShong
" 15	—Phoenix Big Vein Coal Co., Strip Mine.....	Barton	DeShong
" 20	—Colmer & Colmer Coal Co., No. 1 Mine.....	Barton	DeShong
" 20	—Thrasher, J. R. C & S Co., Strip Mine.....	Lonaconing	DeShong
" 21	—W & W Coal Co., No. 6 Mine.....	Westernport	DeShong
" 22	—Homage Coal Co., No. 1 Mine.....	Lonaconing	DeShong
" 29	—W & W Coal Co., No. 6 Mine.....	Westernport	DeShong

## MINE INSPECTIONS

## Garrett County

1967

Date	Name of Company and Mine	Location	Inspector
Jan. 13	Brenneman Bros. Strip Mine.....	Pleasant Valley	Powell
" 13	Rodamer, Clarence, Strip Mine.....	Pleasant Valley	Powell
" 13	Rodamer, Clarence, Strip Mine.....	Bittinger	Powell
" 18	Ace Drilling Co., Inc., No. 3 Mine.....	New Germany	Powell
" 18	Moran Coal Co., No. 26.....	Westernport	Evans
" 19	Royal Oak Coal Co., Susanne No. 1 Mine.....	Deer Park	Evans
" 23	Moran Coal Co., Strip No. 21.....	Westernport	Evans
" 24	D & K Coal Co., Strip Mine (Davies).....	Grantsville	Powell
" 24	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 25	Brenneman Coal Co., Beitzel Mine.....	Pleasant Valley	Evans
" 25	Ebensburg Coal Co., Beitzel Mine.....	Pleasant Valley	Evans
" 26	Buffalo Coal Co., Strip Mine.....	Kempton	Evans
" 31	Kinsinger Coal Co., Kinsinger Mine.....	Jennings	Evans
" 31	Nethken, W. R. & Co., Inc. Manor Strip.....	Mt. Zion	Powell
Feb. 2	Richards & Parnell, Strip Mine.....	Friendsville	Evans
" 9	Moran Coal Co., Strip Mine.....	Westernport	Evans
" 15	Burrell Bros. Coal Corp., No. 1 Mine.....	Kitzmiller	Evans
Mar. 1	Moran Coal Co., #26 Mine.....	Westernport	Evans
" 2	Brenneman Bros., Strip Mine.....	Pleasant Valley	Evans & DeS.
" 2	Rodamer, Clarence, Strip Mine.....	Pleasant Valley	Powell
" 2	Rodamer Coal Co., Rodamer Strip.....	Bittinger	Powell
" 7	Shallmar Coal Co., Wolf Den.....	Shallmar	Powell
" 8	Buffalo Coal Co., Laurel Strip.....	Kempton	Evans
" 8	D & K Coal Co., Strip Mine.....	Grantsville	Evans
" 8	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 9	Ebensburg Coal & Clay Co., Beitzel Strip.....	Pleasant Valley	Powell
" 21	Richards & Parnell Coal Co., Strip Mine.....	Friendsville	Evans
" 22	Upperman Coal Co., No. 1 Mine.....	Deer Park	Evans
" 28	Buffalo Coal Co., No. 1 Mine.....	Bayard	Evans
" 29	Nethken, W. R. Coal Co., Reel No. 1.....	Mt. Zion	Evans
Apr. 3	W & W Coal Co., Michael Mine.....	Westernport	Evans
" 4	Folly Run Coal Co., No. 1 Mine.....	Swanton	DeShong
" 5	Nethken, W. R. & Co., Manor Strip.....	Mt. Zion	Evans
" 6	Evans Coal Co., No. 1 Mine.....	Bloomington	Evans
" 10	Ebensburg Coal & Clay Co., Ternent Tract.....	Pleasant Valley	Evans
" 11	Buffalo Coal Co., Laurel Strip.....	Kempton	Evans
" 11	Moran Coal Co., Grove Strip.....	Westernport	Evans
" 12	Shallmar Coal Co., Wolf Den.....	Shallmar	DeShong
" 13	Kinsinger Coal Co., Kinsinger Mine.....	Grantsville	Powell
" 13	Manor Mining & Mfg. Co., Lloyd No. 1.....	Kitzmiller	Evans
" 13	Moran Coal Co., No. 18.....	Westernport	DeShong
" 18	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 18	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 18	F & P Coal Co., Mary Beth No. 2.....	Vindex	Powell
" 18	Ginniman & Ware, Green Strip.....	Lonaconing	Powell
" 19	Brenneman Bros., Strip Mine.....	Pleasant Valley	Evans
" 19	Rodamer, Clarence, Rodamer Tract.....	Bittinger	DeShong
" 19	Rodamer, Clarence, Strip Mine.....	Pleasant Valley	Powell
" 25	Richards & Parnell Coal Co., Strip Mine.....	Friendsville	Evans
" 25	Moran Coal Co., Strip Mine.....	Westernport	DeShong
" 27	Buffalo Coal Co., Inc., No. 1.....	Kempton	Evans & DeS.
May 3	Burrell Bros. Coal Corp., No. 1 Mine.....	Kitzmiller	Evans
" 3	Nelson Coal Co., No. 1 Mine.....	Barton	DeShong
" 3	Willow Coal Co., No. 1 Mine.....	Kitzmiller	Evans
" 9	Nethken, W. R. Coal Co., Reel No. 3.....	Mt. Zion	Evans
" 10	Harvey & Evans Coal Co., Mt. Top.....	Kitzmiller	Evans
" 11	Nethken, W. R. & Co., Manor Tract.....	Mt. Zion	Evans
" 16	Brenneman Bros., Strip Mine.....	Pleasant Valley	Powell
" 16	Rodamer, Clarence, Strip Mine.....	Pleasant Valley	Powell
" 16	Shallmar Coal Co., Wolf Den.....	Shallmar	Evans
" 16	Shallmar Coal Co., Wolf Den, Auger.....	Shallmar	Evans
" 17	Ginniman & Ware, Green Strip.....	Lonaconing	DeShong
" 17	Nethken, W. R. & Co., Inc., Manor Strip.....	Mt. Zion	Evans
" 18	Callis Coal Co., No. 3 Mine.....	Deer Park	Evans
" 18	Les Paugh, Mine No. 2.....	Deer Park	Evans
" 18	Ferguson Coal Co., No. 2 Mine.....	Deer Park	Evans

## MINE INSPECTIONS

## Garrett County

1967

Date	Name of Company and Mine	Location	Inspector
May 31	Shallmar Coal Co., Wolf Den.....	Shallmar	Evans
June 1	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 1	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 1	Richards & Parnell Coal Co., Strip Mine.....	Friendsville	Evans
" 6	Ebensburg Coal & Clay Co., Beitzel Mine.....	Pleasant Valley	Evans
" 6	Nethken, W. R. & Co., Manor Strip.....	Mt. Zion	Evans
" 7	Ginniman & Ware Coal Co., Green Tract.....	Lonaconing	DeShong
" 8	F & P Coal Co., Mary Beth No. 2.....	Vindex	Evans
" 19	Nelson (James) Coal Co., No. 1 Mine.....	Barton	DeShong
" 21	Rodamer, Clarence, Strip Mine.....	Pleasant Valley	Powell
" 21	Upperman Coal Co., No. 1 Mine.....	Deer Park	Evans
July 5	Harvey & Evans Coal Co., Mt. Top.....	Kitzmiller	Evans
" 11	Ginnamin & Ware, Green Strip.....	Lonaconing	DeShong
" 11	Nethken, W. R. Coal Co., Manor Strip.....	Mt. Zion	Evans
" 11	Nethken, W. R. Coal Co., Manor Strip.....	Mt. Zion	Evans
" 12	Nelson Coal Co., Deep Mine.....	Keyser	DeShong
" 14	Nelson Coal Co., Deep Mine.....	Keyser	DeShong
" 17	Moran Coal Co., No. 17 Mine.....	Westernport	DeShong
" 17	Moran Coal Co., No. 18 Mine.....	Westernport	DeShong
" 18	Moran Coal Co., No. 21 Mine.....	Westernport	DeShong
" 18	Moran Coal Co., No. 22 Mine.....	Westernport	DeShong
" 18	Moran Coal Co., No. 25 Mine.....	Westernport	DeShong
" 18	Moran Coal Co., No. 26 Mine.....	Westernport	DeShong
" 18	Burrell Bros. Coal Co., No. 1 Mine.....	Kitzmiller	Evans
" 19	Richards & Parnell, Strip Mine.....	Friendsville	Evans
Aug. 1	Moran Coal Co., No. 22 Mine.....	Westernport	DeShong
" 1	Manor Mining & Mfg. Co., Manor Strip.....	Kitzmiller	Evans
" 3	Kinsinger Coal Co., Kinsinger Mine.....	Grantsville	Powell
" 4	W & W Coal Co., Michael.....	Westernport	DeShong
" 8	Shallmar Coal Co., Wolf Den.....	Bayard	Evans
" 14	Ginniman & Ware, Green Strip.....	Lonaconing	DeShong
" 15	Menallen Coke Co., Strip Mine.....	Friendsville	Evans
" 16	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 16	Folly Run Coal Co., No. 1 Mine.....	Swanton	Evans
" 17	Twin States Coal Co.....	Mt. Lake Park	Evans
" 18	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 22	Nethken, W. R. Coal Co., Manor Strip.....	Mt. Zion	Evans
" 23	F & P Coal Co., Mary Beth No. 2.....	Vindex	Evans
" 24	Burrell Bros., Coal Co., No. 1 Mine.....	Kitzmiller	Evans
" 24	Willow Coal Corp., No. 1 Mine.....	Kitzmiller	Evans
" 31	Callis Coal Co., No. 3 Mine.....	Deer Park	Evans
" 31	Ferguson Coal Co., No. 2 Mine.....	Mt. Lake Park	Evans
" 31	Les Paugh, No. 2 Mine.....	Deer Park	Evans
Sept. 14	Moran Coal Co., No. 17 Mine.....	Westernport	DeShong
" 14	Moran Coal Co., No. 21 Mine.....	Westernport	DeShong
" 14	Moran Coal Co., No. 22 Mine.....	Westernport	DeShong
" 14	Russel Shafer Coal Co., Strip Mine.....	Bruseton Mills	Evans
" 15	Shallmar Coal Co., Wolf Den.....	Bayard	Evans
" 16	Ginniman & Ware, Green Strip.....	Lonaconing	DeShong
" 19	Moran Coal Co., No. 26 Mine.....	Westernport	DeShong
" 21	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 21	D & K Coal Co., Strip Mine.....	Grantsville	Powell
" 21	Buffalo Coal Co., Inc., Laurel Strip.....	Kempton	Evans
" 22	Twin States Coal Co.....	Mt. Lake Park	Evans
" 26	Harvey & Evans Coal Co., Mt. Top.....	Kitzmiller	Evans
" 27	Brenneman Coal Co., Beitzel Mine.....	Pleasant Valley	Evans
" 29	Ebensburg Coal & Clay Co., Beitzel Mine.....	Pleasant Valley	Evans
" 29	Nethken, W. R. Coal Co., (137).....	Vindex	Evans
" 29	Moran Coal Co., No. 18 Mine.....	Westernport	DeShong
Oct. 3	Morau Coal Co., No. 18 Mine.....	Westernport	DeShong
" 6	W & W Coal Co., Michael.....	Westernport	DeShong
" 7	Ferguson Coal Co., No. 2 Mine.....	Mt. Lake Park	Evans
" 9	Nelson Coal Co., Deep Mine.....	Keyser	DeShong
" 10	Harlem Ream Coal Co., Ream Mine.....	Swallow Falls	Evans
" 10	R & R Coal Co., No. 1 Mine.....	Swallow Falls	Evans
" 10	S & O Coal Co., No. 1 Mine.....	Oakland	Evans

## MINE INSPECTIONS

## Garrett County

1967

Date	Name of Company and Mine	Location	Inspector
Oct.	11—Brenneman Bros., Strip Mine.....	Pleasant Valley	Powell
"	11—Rodamer Coal Co., No. 91.....	Bittinger	Powell
"	11—Rodamer Coal Co., No. 144.....	Bittinger	Powell
"	11—Nethken, W. R. Coal Co., (133).....	Vindex	Evans
"	17—Richards & Parnell, Strip Mine.....	Friendsville	Evans
"	17—Russel Shafer Coal Co., Strip Mine.....	Bruseton Mills	Evans
"	18—Kinsinger Coal Co., Kinsinger Mine.....	Grantsville	Powell
"	18—Twin States Coal Co., No. 2 Mine.....	Mt. Lake Park	Evans
"	19—Manor Mining & Mfg. Co., Manor Strip.....	Kitzmilller	Evans
"	20—Moran Coal Co., No. 21 Mine.....	Westernport	DeShong
"	25—Shallmar Coal Co., Wolf Den.....	Bayard	Evans
"	26—Shallmar Coal Co., Wolf Den.....	Bayard	Evans
"	27—Ebensburg Coal & Clay, Strip Mine.....	Bittinger	Powell
"	27—Ginniman & Ware Coal Co., Green Strip.....	Lonaconing	DeShong
Nov.	2—Les Paugh, No. 2 Mine.....	Deer Park	Evans
"	3—Moran Coal Co., No. 21 Mine.....	Westernport	DeShong
"	3—Folly Run Coal Co., No. 1 Mine.....	Swanton	Evans
"	7—Upperman Coal Co., No. 1 Mine.....	Deer Park	Evans
"	8—Moran Coal Co., No. 18 Mine.....	Westernport	DeShong
"	8—Callis Coal Co., No. 1 Mine.....	Deer Park	Evans
"	14—Moran Coal Co., No. 22 Mine.....	Westernport	DeShong
"	14—Burrell Bros. Coal Co., No. 1 Mine.....	Kitzmilller	Evans
"	15—F & P Coal Co., Mary Beth No. 2 Mine.....	Vindex	Evans
"	20—Moran Coal Co., No. 17 Mine.....	Westernport	DeShong
"	20—Moran Coal Co., No. 26 Mine.....	Westernport	DeShong
"	21—D & K Coal Co., Strip Mine.....	Pleasant Valley	Powell
"	21—D & K Coal Co., Strip Mine.....	Pleasant Valley	Powell
"	21—Duckworth Coal Co., No. 1 Mine.....	Swanton	Evans
"	27—Moran Coal Co., No. 17 Mine.....	Westernport	DeShong
"	27—Moran Coal Co., No. 26 Mine.....	Westernport	DeShong
"	28—Moran Coal Co., No. 22 Mine.....	Westernport	DeShong
"	29—Ginniman & Ware, Green Strip.....	Lonaconing	DeShong
Dec.	5—Clarence Rodamer, Strip No. 91.....	Bittinger	Powell
"	5—Rodamer Coal Co., Strip No. 144.....	Bittinger	Powell
"	5—Nethken, W. R. Coal Co., No. 1 Mine.....	Vindex	Evans
"	5—Nethken, W. R. Coal Co., No. 3 Mine.....	Vindex	Evans
"	5—Nethken, W. R. Coal Co., No. 133 Mine.....	Vindex	Evans
"	6—Ebensburg Coal & Clay Co., Strip Mine.....	Bittinger	Powell
"	6—Brenneman Bros. Strip Mine.....	Bittinger	Powell
"	7—Moran Coal Co., No. 17 Mine.....	Westernport	DeShong
"	7—Moran Coal Co., No. 22 Mine.....	Westernport	DeShong
"	7—Shallmar Coal Co., Wolf Den.....	Bayard	Evans
"	12—James Nelson, No. 1 Mine.....	Barton	DeShong
"	12—Twin States Coal Co., Strip Mine.....	Mt. Lake Park	Evans
"	19—Richards & Parnell, Strip Mine.....	Friendsville	Evans
"	20—Moran Coal Co., No. 18 Mine.....	Westernport	DeShong
"	20—Moran Coal Co., No. 21 Mine.....	Westernport	DeShong
"	20—Fetterolf, M. F. Coal Co., Inc. Strip Mine.....	Grantsville	Evans
"	21—Harvey & Evans Coal Co., Mt. Top.....	Kitzmilller	Evans
"	21—Willow Coal Corp., No. 1 Mine.....	Kitzmilller	Evans
"	22—Ginniman & Ware, Green Strip.....	Lonaconing	DeShong
"	23—Ginniman & Ware, Green Strip.....	Lonaconing	DeShong

## STRIP MINING

The Strip Mining Laws of the State of Maryland were revised in 1966 and approved by Governor Tawes, the Board of Natural Resources, Maryland Geological Survey, Maryland Bureau of Mines, the Coal Owners and Operators Association, and the Maryland Commission on Mining Laws, passed by the General Assembly in 1967 and became effective June 1, 1967.

Supplementing the Strip Mining Laws, Rules and Regulations were prepared. A Public Hearing was held in the Maryland Bureau of Mines Office, August 28, 1967, and then became effective October 1, 1967.

These were also approved by the Maryland Commission on Mining Laws.

All forms pertaining to Strip Mining and Auger Mining have been approved by the Attorney General's Office and are available from the Maryland Bureau of Mines Office to anyone wanting to Strip or Auger mine coal in Maryland.

In the new Strip Mining Law, Section 660, a provision was made for a Land Reclamation Advisory Committee composed of nine members as follows: "The Director of the Maryland Geological Survey, who shall act as Chairman; two (2) representatives from the mining industry; two (2) Soil Conservation District Supervisors from the Soil Conservation Districts of Allegany and Garrett Counties; and three (3) representatives from the Board of Natural Resources representing the Departments of Game and Inland Fish, Forests and Parks, and Water Resources; and one (1) individual representing the Bureau of Mines. All members of the Committee except the Chairman shall be appointed by the Maryland Geological Survey Commission for an indefinite term. Vacancies shall be filled by the Commission as in original appointments."

The members of this Committee are:

Director—Maryland Geological Survey:

Dr. Kenneth N. Weaver

Mining Industry:

Carmen DelSignore, Chelsie A. Liller

(Alternates)

Lloyd Green, James H. Thrasher

Soil Conservation:

Robert O. Glotfelty, Wilbert R. Paul

Board of Natural Resources:

William E. Harman, Tunis Lyon, Michael L. Rodevick

The Commission held their first meeting in the Bureau Office May 28, 1967 to establish plans and methods of procedure as well as practical guidelines for the prompt and adequate reclamation of all lands disturbed by open pit mining of bituminous coal within the State of Maryland. They also met June 28, 1967, and August 28, 1967.

The following permits have been issued:

- |            |    |                                     |
|------------|----|-------------------------------------|
| Permit No. | 1  | The Georges Creek Lumber Company*   |
| Permit No. | 2  | Allegany Engineering Company*       |
| Permit No. | 3  | B. M. W. Coal Company*              |
| Permit No. | 4  | Old Hampshire Coal Company, Inc.*   |
| Permit No. | 5  | Carr and Gotfelty Construction Co.* |
| Permit No. | 6  | M. H. Bigan Coal Company*           |
| Permit No. | 7  | Moran Coal Company*                 |
| Permit No. | 8  | Allegany Engineering Company*       |
| Permit No. | 9  | Schell Mining Company, Inc.*        |
| Permit No. | 10 | B & U Coal Company*                 |
| Permit No. | 11 | Morgan Contracting Company**        |
| Permit No. | 12 | Romadale Coal Corporation*          |
| Permit No. | 13 | Cross Fuel Company*                 |
| Permit No. | 14 | Highland Construction Company*      |

Permit No. 15	Phoenix Big Vein Coal Company
Permit No. 16	Moran Coal Company*
Permit No. 17	T. J. Cramblett**
Permit No. 18	Moscow-Georges Creek Coal Company*
Permit No. 19	J. R. Thrasher Contracting & Stripping Co.*
Permit No. 20	Moran Coal Company
Permit No. 21	Schell Mining Company, Inc.**
Permit No. 22	Savage Coal Company*
Permit No. 23	Moran Coal Company
Permit No. 24	The George's Creek Coal & Land Co.*
Permit No. 25	Charles T. Clise
Permit No. 26	Alleghany Engineering Company*
Permit No. 27	Goodwill Fuel Company
Permit No. 28	D. B. & B Coal Company*
Permit No. 29	Queen George's Creek Coal Co.**
Permit No. 30	Mack Coal Company**
Permit No. 31	White Crest Coal Company, Inc.**
Permit No. 32	D. B. and B Coal Company*
Permit No. 33	Moran Coal Company
Permit No. 34	Chelsie A. Liller*
Permit No. 35	J. E. George Trucking Co.**
Permit No. 36	D. B. & B Coal Company*
Permit No. 37	J. & M. Coal Company**
Permit No. 38	Casey Construction Company**
Permit No. 39	Moran Coal Company
Permit No. 40	Albert R. Winner
Permit No. 41	Buffalo Coal Company, Inc.*
Permit No. 42	Casey Construction Company**
Permit No. 43	Sara-Ki Coal Company, Inc.*
Permit No. 44	Yantus & Zubek Coal Company*
Permit No. 45	Moran Coal Company
Permit No. 46	Casey Construction Company**
Permit No. 47	Moran Coal Company
Permit No. 48	Moran Coal Company
Permit No. 49	Sara-Ki Coal Company, Inc.*
Permit No. 50	Laurel Creek Company, Inc.**
Permit No. 51	D. B. & B. Coal Company**
Permit No. 52	Moon and Sons*
Permit No. 53	George L. Smith Contracting Co.*
Permit No. 54	The Georges Creek Lumber Company*
Permit No. 55	Moran Coal Company*
Permit No. 56	North Branch Coal Corp.*
Permit No. 57	George Coal Company**
Permit No. 58	Samuel Compton & Company**
Permit No. 59	Hoover & White*
Permit No. 60	Laurel Creek Company, Inc.**
Permit No. 61	The Eddy Fuel Company**
Permit No. 62	J. R. Thrasher Contracting & Stripping Co.*
Permit No. 63	Pittsburgh Coal Company*
Permit No. 64	Close-Fitzwater Coal Company



Permit No. 65	Laurel Creek Company, Inc.*
Permit No. 66	The Georges Creek Lumber Company*
Permit No. 67	Chelsie A. Liller*
Permit No. 68	Casey Contracting Company**
Permit No. 69	Pine Mountain Coal Company
Permit No. 70	Opel and Brenneman*
Permit No. 71	The Georges Creek Lumber Company*
Permit No. 72	P. & J. Coal Company*
Permit No. 73	Casey Contracting Company**
Permit No. 74	Goodwill Fuel Company*
Permit No. 75	D. B. & B. Coal Company*
Permit No. 76	Baughman Contracting Company, Inc.*
Permit No. 77	P & K Coal Company*
Permit No. 78	Morgan Contracting Company*
Permit No. 79	Buffalo Coal Company, Inc.*
Permit No. 80	Buffalo Coal Company, Inc.*
Permit No. 81	Randall Robertson*
Permit No. 82	Hoover & White**
Permit No. 83	James E. George*
Permit No. 84	B. M. W. Coal Company, Inc.*
Permit No. 85	Casey Contracting Company**
Permit No. 86	Beener Coal Company*
Permit No. 87	Moran Coal Company, Inc.*
Permit No. 88	D & K Coal Company
Permit No. 89	Brenneman Brothers*
Permit No. 90	Mack Coal Company*
Permit No. 91	Clarence Rodamer
Permit No. 92	James E. George*
Permit No. 93	Casey Contracting Company**
Permit No. 94	Winner Brothers*
Permit No. 95	Moran Coal Company, Inc.
Permit No. 96	Big Vein Coal Company*
Permit No. 97	Maryland Fuel Company, Inc.
Permit No. 98	Yantus-Zubek Coal Company*
Permit No. 99	J. R. Thrasher Contracting & Stripping Co.*
Permit No. 100	Trelfall Bros., Inc.*
Permit No. 101	Mack Coal Company*
Permit No. 102	C. A. Liller Coal Company
Permit No. 103	Cross and Brumage Coal Company*
Permit No. 104	Benner Coal Company*
Permit No. 105	D & K Coal Company
Permit No. 106	Mack Coal Company*
Permit No. 107	Yantus and Zubek*
Permit No. 108	Potomac Mining Company*
Permit No. 109	Casey Contracting Company*
Permit No. 110	Wilhelm Coal Company*
Permit No. 111	The Georges Creek Lumber Company*
Permit No. 112	Clark Coal Company*
Permit No. 113	Casey Contracting Company*
Permit No. 114	Casey Contracting Company*

Permit No. 115	Douglas Coal Company*
Permit No. 116	Red Lion Mining Corporation**
Permit No. 117	Ebensburg Coal and Clay Company*
Permit No. 118	James E. George*
Permit No. 119	Ebensburg Coal & Clay Company*
Permit No. 120	J. R. Thrasher Contracting & Stripping Co.
Permit No. 121	Moran Coal Company, Inc.
Permit No. 122	Buffalo Coal Company, Inc.
Permit No. 123	J. R. Thrasher Contracting & Stripping Co.
Permit No. 124	Koontz Coal Company, Inc.
Permit No. 125	Beener Coal Company
Permit No. 126	W. R. Nethken & Co., Inc.*
Permit No. 127	Mack Coal Company*
Permit No. 128	J. R. Thrasher Contracting & Shipping Co.*
Permit No. 129	J. Russell Cravener*
Permit No. 130	Chelsie A. Liller
Permit No. 131	The Georges Creek Lumber Company*
Permit No. 132	Brenneman Brothers
Permit No. 133	W. R. Nethken & Co., Inc.
Permit No. 134	Richards and Parnell Coal Co.
Permit No. 135	William Brashear
Permit No. 136	W. R. Nethken & Co., Inc.*
Permit No. 137	W. R. Nethken & Co., Inc.
Permit No. 138	J. R. Thrasher Contracting & Stripping Co.
Permit No. 139	J. R. Thrasher Contracting & Stripping Co.
Permit No. 140	Shallmar Coal Company, Inc.
Permit No. 141	Randall Robertson
Permit No. 142	Ace Drilling Coal Co., Inc.*
Permit No. 143	Beener Coal Company
Permit No. 144	Clarence Rodamer
Permit No. 145	Ginniman and Ware Coal Co.
Permit No. 146	John L. Renner, Jr.
Permit No. 147	Menallen Coke Co.
Permit No. 148	Russell Shafer
Permit No. 149	Homage Coal Co.
Permit No. 150	Twin States Coal Co.
Permit No. 151	M. F. Fetterolf Coal Co., Inc.
Permit No. 152	Ebensburg Coal and Clay Co.

\* Denotes Operation Completed.

\*\* Denotes Operation Completed and Forfeiture of Bond.  
(Backfilled by Maryland Bureau of Mines.)

Strip Mining Permits Issued from January 1 thru May 31, 1967 .....	2
Strip Mining Licenses Issued from June 1 thru December 31, 1967 ....	25
Strip Mining Permits Issued from June 1 thru December 31, 1967 .....	6
Auger Mine Licenses Issued from June 1 thru December 31, 1967 .....	1
Auger Mine Permits Issued from June 1 thru December 31, 1967 .....	0
(Augering is being done in conjunction with Permits Nos. 137 and 140.)	

Strip Mining Permits completed in 1967 .....	16
Strip Mine forfeitures in 1967 .....	0
Acres Stripped during 1967 .....	286.65
Acres Backfilled during 1967 .....	102.7
Acres Planted during 1967 .....	207

### KITZMILLER MINE RESCUE TEAM

The Kitzmiller Mine Rescue Team is still active. Mr. Chester L. Evans, District Mine Inspector, supervised the practice sessions.

The members of the team during 1967 were: Claude D. Boyce, Jesse R. Reel, Andrew S. Bruckey, Ronald R. Evans, Clarence W. Tasker, James C. Brady, Lewis F. Paugh, Daniel Milavec and James E. Droppleman. All of the members of this team resided in the vicinity of Kitzmiller, Maryland.

The Mine Rescue Team and the Maryland Bureau of Mines cooperate with the Maryland Civil Defense Agency to provide adequate rescue service for all cases of emergency.

### SAFETY ORDERS

There were no Safety Orders issued during the year 1967.

### PROSECUTIONS

During the calendar year 1967, it was necessary to obtain a warrant against one Mine Foreman, due to violations of the Maryland Mining Laws.

The warrant was obtained and the foreman charged with:

1. Failure to notify the Maryland Bureau of Mines of a serious accident.
2. Failure to get approval of Maryland Bureau of Mines to hire a non-licensed Foreman.

The accused pleaded guilty and was fined \$100.00 on each count. Fine was suspended provided he obey the Law in the future. Costs of \$3.75 were paid.

### ACTIVITIES OF FUEL COMBUSTION ADVISOR

#### For the Year 1967

From January 1, 1967 thru June 9, 1967, Mr. Robert D. Ewing, Fuel Combustion Advisor, spent 34 days in the office and laboratory at Westernport and 14 days at State Institutions. A total of 57 days were spent in the field collecting samples, advising on coal preparation, etc. Mr. Ewing processed 77 coal samples in the coal testing laboratory.

### MARYLAND COMMISSION ON MINING LAWS

The Maryland Commission on Mining Laws met, concerning Mining Laws and Personnel, on February 2, March 28, April 26, July 18, August 28, September 11, and December 12, 1967.

### STATE MINE EXAMINING BOARD

The forty-sixth examination for mine foreman was conducted on August 30 and 31, 1967 at the office of the Maryland Bureau of Mines in Westernport. Five candidates took the examination for Mine Foreman and two for Fire Boss.

On June 27, 1967, Mrs. Lillian A. Frankhouser, Cresaptown, resigned from State service after having been employed as a Senior Typist for 16 years.

On July 28, 1967, Miss Beverly J. Barnard, Barton, began her employment with the State of Maryland as a Stenographer with this Bureau.

## — IN MEMORIAM —

## ROBERT D. EWING

On July 8, 1967, Mr. Robert D. Ewing, Fuel Combustion Adviser for the Bureau, died in Memorial Hospital, Cumberland, Maryland after a brief illness.

Mr. Ewing worked in this capacity for the Bureau since September 4, 1957.

He was born in the Frostburg area and was active in coal mining and related occupations all of his life.

Mr. Ewing began his career in the coal mining industry by digging coal in various mines in the George's Creek area, later becoming a Mine Foreman, Superintendent and part-owner of a local Coal Company. In addition, he instructed Vocational Night Mining Classes from 1929 thru 1942 in Allegany and Garrett Counties. During World War II, Mr. Ewing worked as an Explosives Engineer for the U. S. Bureau of Mines.

Mr. Ewing was active in Mine Rescue and First Aid and a member of the Mine Inspector's Institute of America, the National Mine Rescue Association, and the Coal Mining Institute of America.

Mr. Ewing was very dedicated to his work and his contributions to his associates were many.

## FATALITIES

During the year 1967, one (1) fatal accident occurred in the coal mines of Maryland.

A roof-fall accident at Buffalo No. 1 Mine, Buffalo Coal Company, Inc., Table Rock, Garrett County, Maryland, that occurred about 8:15 a.m., Thursday, March 30, 1967, at the intersection of the third crosscut being driven right of the 1 right main entry off left mains, resulted in the death of Arthur C. Burgess, section foreman. He was 47 years of age and had 30 years of mining experience, 10 years as a foreman of which 5 months were at this mine. He is survived by his widow.

At the completion of the coal-producing shift on the day prior to the accident, the third crosscut of 1 right off left mains had been advanced 35 feet. The coal-producing crew of five workmen and Arthur C. Burgess, section foreman, arrived on this section shortly before 8 a.m., Thursday, March 30, 1967. Edward J. Kovach, continuous-miner operator who accompanied Burgess while he made the examination of the area and working place, stated that Burgess tested the roof from the entrance of the crosscut to the face and remarked that the area was well timbered and safe to work. Kovach also stated that he did not notice any abnormal roof conditions as he entered the working place and he too considered the area adequately timbered. Burgess remained in the working place while the continuous miner completed two cuts across the face of the crosscut which advanced the face about 3 feet. As the third cut was started, Burgess took the hoist rope from the discharge end of the piggy-back conveyor and connected it to the main chain-conveyor line at the intersection. The continuous miner made this cut across the face to within 4 feet of the left rib when suddenly the roof fall occurred across the intersection of the crosscut and 32 feet outby the face. Kovach and the three

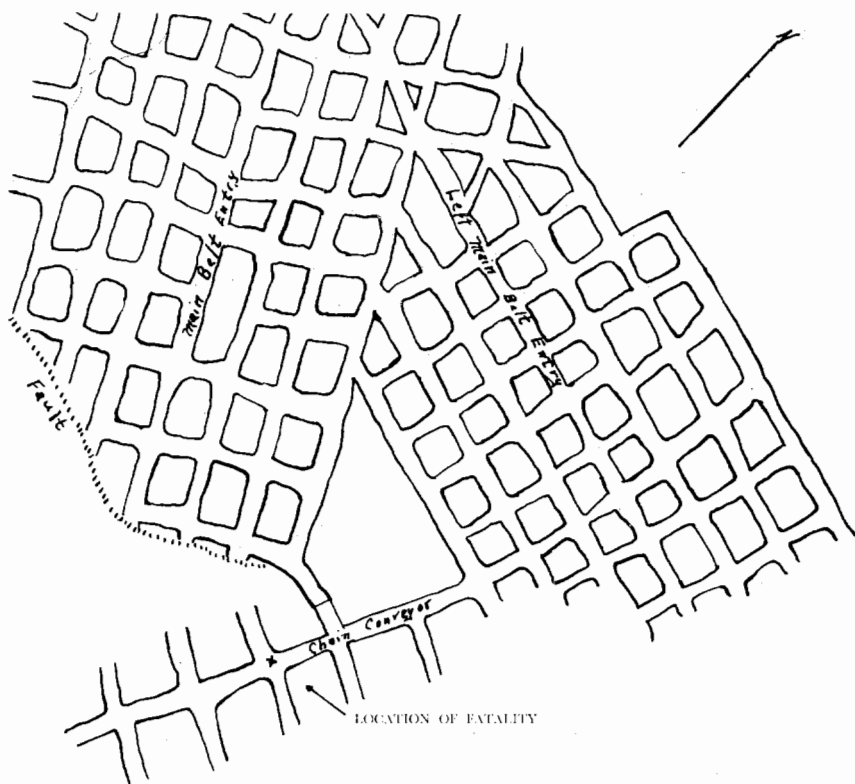
men who were near the face knowing that Burgess was somewhere in the area went looking for him and found him under the fall. Joseph H. Bava, Sr., utilityman, working along the chain-conveyor line about 150 feet outby, heard the roof fall and, upon learning that Burgess was under the fall, contacted W. E. White, superintendent, arranged to have an ambulance at the mine portal, and returned with a stretcher. Using a lifting jack, the workmen freed Burgess. No sign of life was discernable. He was placed on a stretcher and taken to the surface and then transported by ambulance to a funeral home in Oakland, Maryland, where he was pronounced dead by Dr. James H. Feaster, Garrett County Medical Examiner.

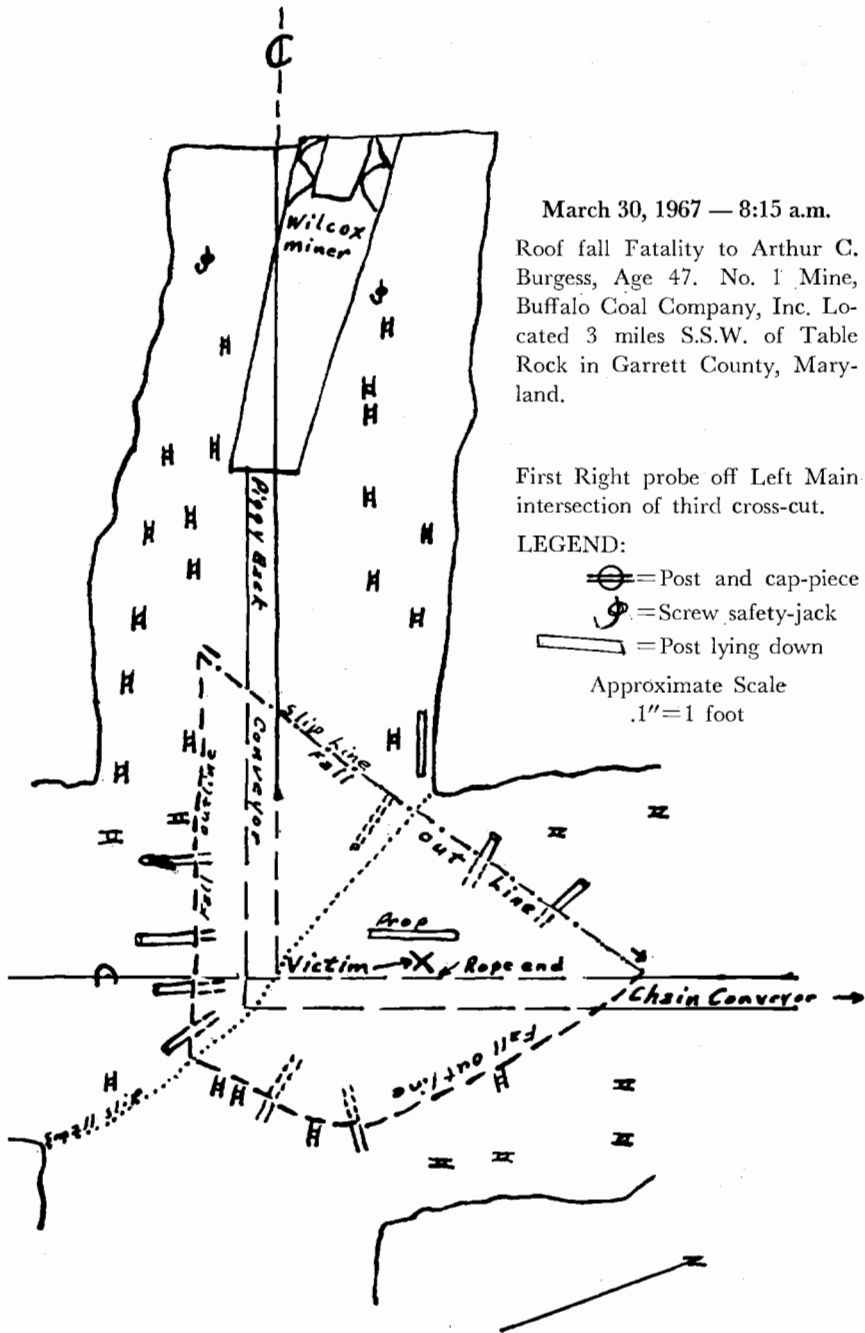
The fallen material which broke into many pieces was 26 feet long, 22 feet wide, and 13 to 15 inches thick. One hidden clay seam 35 feet in length extended from the main chain-conveyor line to about 8 feet into the crosscut, and another one extended from near the right side of the crosscut diagonally across the intersection.

This accident was caused by a sudden collapse of inadequately supported roof which contained two separate hidden clay veins. Contributory thereto was the failure to properly evaluate the existing roof conditions and to maintain sufficient roof supports in the exposed roof area.

**RECOMMENDATIONS:** 1. The minimum standards for roof support should be revised to include setting of crossbars where maneuvering of equipment requires exposure of broad spans of roof, or consideration should be given to the use of roof bolts. 2. Officials and employees should make a more careful and thorough evaluation of existing roof conditions.

An investigation of the accident was conducted at the mine on March 31, 1967 by Chester L. Evans, Inspector in charge of the district, Harry B. Buckley, Director, and Inspectors Thomas B. Powell and Melvin K. DeShong, all of the Maryland Bureau of Mines; along with Maurice S. Childers, William Harsanyi, and Joseph Marshalek of the United States Bureau of Mines.





## PHYSICAL AND MECHANICAL CHARACTERISTICS OF MINES

Name of Coal Company	Name of Mine	Location of Mine	Coal Bed	Thickness	Auger		Kind of Loading at Face	Type of Haulage
					Strip	Drift		
Bakerstown Coal Co.	No. 4 Mine	On Moore's Run near Barton	Bakerstown	30"	Drift	Drift	Hand Loaded	Drag-cable Shuttle Buggy
W. C. Bennett Coal Co.	Bennett Mine	Eckhart	Pittsburgh	30"	Slope	Slope	Hand Loaded	Rope-Track
Central Coal Co.	No. 5 Mine	Ocean	Tyson	34"	Drift	Drift	Hand Loaded	Belt, Chain
Cities Coal Co.	Parker No. 1	Barrelsville	Freeport	33"	Drift	Drift	Hand Loaded	Rope, Animal-track
Colmer & Colmer	No. 1 Mine	On Swanton Hill near Barton	Pittsburgh	10'	Drift	Drift	Hand Loaded	Cars pushed by hand-Track
Gray Coal Co.	Columbia	Midland	Pittsburgh	80"	Slope	Slope	Hand Loaded	Animal, Track
H & D Coal Co.	No. 1 Mine	Two miles South of Barton West off Route 36 in Knapps Meadow	Bakerstown	30"	Drift	Drift	Hand Loaded	Animal, Track
Honrage Coal Co.	No. 1 Mine	Tyson	Tyson	32"	Drift	Drift	Hand Loaded	Animal, Track
Mathews Coal Co.	No. 1 Mine	On Koontz Run Lonaconing	Waynesburg	54"	Drift	Drift	Hand Loaded	Animal, Track
Myers Coal Co.	Porter Mine	Eckhart	Tyson	34"	Drift	Drift	Hand Loaded	Animal, Track
Michaels Coal Co.	No. 1 Mine	On Koontz Run Lonaconing	Waynesburg	46"	Drift	Drift	Hand Loaded	Animal, Track
Moffatt Coal Co.	No. 1 Mine	On Koontz Run Lonaconing	Waynesburg	54"	Drift	Drift	Hand Loaded	Animal, Track
Nelson Coal Co.	No. 2 Mine	Hampshire Hill East on Rt. 36 in Ghmore	Bakerstown	30"	Drift	Drift	Hand Loaded	Cars pushed by hand, Track
Pine Hill Coal Co.	No. 12 Mine	On Koontz Run Lonaconing	Pittsburgh	7'	Drift	Drift	Hand Loaded	Animal, Track
Piney Mt. Coal Co.	No. 2 Mine	Shaft	Waynesburg	54"	Drift	Drift	Hand Loaded	Animal, Track
Tri-State Const. Co.	Tri-State	On Moore's Run Barton	Tyson	35"	Drift	Drift	Mechanical Miner	Conveyor-Chain, Belt
W & W Coal Co.	No. 6A	Mt. Savage	Bakerstown	30"	Shaft	Drift	Mechanical Loading Machine	Kersey Tractor
Watkins Coal Co.	Watkins Mine	Mt. Savage	Freeport	37"	Drift	Drift	Hand Loaded	Hand Operated Track



Wolford Coal Co.....	Wolford Mine	Woodland	Tyson	36"	Drift	Hand Loaded	Drag-Cable Shuttle Car
Woodland Coal Co.....	No. 5 Mine	Klondike	Tyson	34"	Drift	Hand Loaded	Drag-Cable Shuttle Car
Brenneman Coal Co.....	Beitzel	Near 4-H Center Pleasant Valley	Freeport	38"	Drift	Hand Loaded	Rope Hoist & Track
Buffalo Coal Co., Inc.....	No. 1 Mine	Kempton	Freeport	42-62"	Slope	Mechanical Miner	Belts & Chain Conveyor
Barrell Bros. Coal.....	Cal. #1	Route 38 near Kitzmiller	Freeport	35"	Drift	Hand Loaded	Animal & Battery Motor Track
Callis Coal Co.....	No. 3 Mine	Bethlehem area	Freeport	30"	Drift	Hand Loaded	Rope Hoist to Tipple
Duckworth Coal Co.....	No. 1 Mine	On Mt. Zion Crosscut Rd.	Freeport	42"	Drift	Hand Loaded	Drag-Cable Shuttle Car
Evans Coal Co.....	No. 1 Mine	Bloomington	Bakerstown	30"	Drift	Hand Loaded	Animal, Track
F & P Coal Co.....	Mary Beth #2	Vindex	Clarion	44"	Drift	Mechanical Loading Machine	Shuttle Cars
Ferguson Coal Co.....	No. 2 Mine	Bethlehem area	Freeport	48"	Slope	Hand Loaded	Rope Hoist & Track, Tipple
Folly Run Coal Co.....	No. 1 Mine	Walnut Bottom	Bakerstown	30"	Drift	Hand Loaded	Drag-Cable Shuttle Car
Harvey & Evans C. Co.....	Mt. Top Mine	Rt. 38, Vindex	Freeport	35"	Drift	Hand Loaded	Animal, Battery Motor, Track
Kinsinger Coal Co.....	Kinsinger	Jennings	Bakerstown	30"	Drift	Hand Loaded	Animal, Track
Manor Mining & Mfg.....	Lloyd #1	Wolf Den Run	Clarion	48"	Drift	Hand Loaded	Drag-Cable Shuttle Car
Les Faugh Coal Co.....	No. 2 Mine	Bethlehem	Freeport	30"	Drift	Hand Loaded	Animal, Track
James Nelson.....	No. 1 Mine	Mill Run area	Bakerstown	30"	Drift	Hand Loaded	Cars pushed by hand on Track
R & R Coal Co.....	No. 1 Mine	Swallow Falls	Freeport	48"	Drift	Machine Coal	Animal, Track
Harland Ream Coal Co.....	Ream Mine	Swallow Falls	Freeport	45"	Drift	Hand Loaded	Rope Hoist & Track, Tipple
S & O Coal Co.....	No. 1 Mine	Round Glade Sang Run Road	Kittanning	37"	Drift	Hand Loaded	Animal, Track
Shallmar Coal Co.....	No. 1 Mine	Shallmar	Brookville	48"	Drift	Hand Loading	Conveyor

## PHYSICAL AND MECHANICAL CHARACTERISTICS OF MINES

Name of Coal Company	Name of Mine	Location of Mine	Coal Bed	Thickness	Auger Strip Drift Slope Shaft	Kind of Loading at Face	Type of Haulage
Upperman Coal Co.	No. 1 Mine	Bethlehem area	Kittanning	48"	Drift	Hand Loaded	Drag-Cable Shuttle Car
W & W Coal Co.	Michael	Mill Run area	Bakerstown	30"	Drift	Hand Loaded	Animal, Track
Willow Coal Co.	No. 1 Mine	Kitzmiller	Freeport	35"	Drift	Hand Loaded	Drag-Cable Shuttle Car
Beever Coal Co.	Barnes Tract	Midlothian	Pittsburgh Redstone Tyson	82"	Strip	Power Shovel	Truck
Beener Coal Co.	Simons & Beener	West off Rt. 36 Barton	Pittsburgh Franklin	30"	Strip	Power Shovel	Truck
Wm. Brashear Coal Co.	Brashear Farm Tract	On the Stony Run end of Hampshire Hill	Franklin	30"	Strip	Power Shovel	Truck
Homage Coal Co.	George's Creek Tract	On Water Station Run near Lonaconing	Pittsburgh	12'	Strip	Power Shovel	Truck
Lullier Coal Co.	Sheraton # 3	N.E. side of Laurel Run near Barton	Pittsburgh	9'	Strip	Power Shovel	Truck, Railroad
Phoenix Big Vein CC.	Potomac Tract	Barton	Franklin	28"	Strip	Power Shovel	Truck, Railroad
Pine Mt. Coal Co.	George's Creek Tract	E. on Route 36 in Gilmore	Pittsburgh	10'	Strip	Power Shovel	Truck
J. L. Renner Coal Co.	Campbell Tract	Hampshire Hill Off Rt. 36 in Franklin	Pittsburgh	10'	Strip	Power Shovel	Truck
Thrasher, J. R. C&S.	Thrasher	Midland	Pittsburgh	73"	Strip	Power Shovel	Truck
Thrasher, J. R. C&S.	George's Creek	West of Rt. 36 at Knapps Meadow	Waynesburg	54"	Strip	Power Shovel	Truck
Thrasher, J. R. C&S.	Schramrock	Jackson St.	Pittsburgh	10'	Strip	Power Shovel	Truck
Thrasher, J. R. C&S.	Sullivan	Midlothian	Pittsburgh	70"	Strip	Power Shovel	Truck

W & F Coal Co.....	# 1 Auger Mine	Hampshire Hill	Franklin	28"	Auger Strip	Conveyor	Truck
Win-More Coal Co.....	Koontz Tract	Klondike	Pittsburgh	30"	Strip	Power Shovel	Truck
Winner Bros. Coal Co.....	Reed Tract	Midlothian	Redstone Tyson	34-77"	Strip	Power Shovel	Truck
Breneman Bros. C Co.....	Gloftely Tract	Bittinger	Bakerstown	36"	Strip	Power Shovel	Truck
D & K Coal Co.....	Newman, Ball, Beachy & Yomer Tract	Grantsville	Bakerstown Kittanning	23-36"	Strip	Power Shovel	Truck
Ebensburg C & C Co.....	Beitzel	Near 4-H Center Pleasant Valley	Bakerstown Freeport	18"	Strip	Power Shovel	Truck
M. F. Fetterloff CC, Inc....	Beitzel	Near 4-H Center Pleasant Valley	Bakerstown	30"	Strip	Power Shovel	Truck
Ginniman & Ware CC.....	Green Tract	W. off Rt. 36 Lonaconing	Pittsburgh	12'	Strip	Power Shovel	Truck
Moran Coal Co.....	Strip	Westernport	Freeport	30"	Strip	Power Shovel	Truck
Moran Coal Co.....	Strip	Westernport	Franklin	28"	Strip	Power Shovel	Truck
Moran Coal Co.....	Strip	Westernport	Bakerstown	28"	Strip	Power Shovel	Truck
Moran Coal Co.....	Strip	Westernport	Pittsburgh	10'	Strip	Power Shovel	Truck
W. R. Nethken & Co. Inc....	Frazee Tract	Wolf Den Run	Clarion Kittanning Freeport	28-48"	Strip	Power Shovel	Truck, Railroad
W. R. Nethken & Co. Inc....	Manor Tract	Near Vindex and Manor Hill	Pittsburgh Bakerstown Franklin	9'-38"	Auger Strip	Power Shovel	Truck, Railroad
P & R Coal Co.....	Richards & Umbel	Near Friends- ville, Squire Fike Road	Kittanning	43"	Strip	Power Shovel	Truck
Clarence Rodamer.....	Rodamer Tract	Bittinger	Bakerstown	32"	Strip	Power Shovel	Truck
Russel Shafer Coal Co.....	No. 1 Mine	Friendsville	Kittanning	40"	Strip	Power Shovel	Truck
Shallmar Coal Co. Inc.....	Wolf Den	Shallmar	Kittanning	35-60"	Auger Strip	Power Shovel	Truck, Railroad
Twin States Coal Co.....	No. 1 Mine	Schell Rd. Bethlehem	Harlem	28"	Strip	Power Shovel	Truck, Railroad

## STATISTICS OF COAL PRODUCTION, CALENDAR YEAR 1967--Allegany County

Name of Operator	Name or Number of Mine	Coal Seam Worked	Employees	Days Worked	Man Hour Exposure	TONNAGE				Acres	
						Deep	Strip	Auger	Stripped	Backfilled	Planted
Bakerstown Coal Co.....	No. 4	Bakerstown	4	217	1,920	2,628.00					
W. C. Bennett Coal Co.....	Bennett	Pittsburgh	1	26	182	64.00					
Central Coal Co.....	No. 5	Tyson	3	246	6,004	2,860.00					
Clites Coal Co.....	Parker No. 1	Freeport	5	75	375	2,016.00					
Colmer & Colmer.....	No. 1	Pittsburgh	1	26	327	184.00					
H & D Coal Co.....	No. 1	Bakerstown	2	14	70	48.00					
Homage Coal Co.....	No. 1	Tyson	1	87	398	181.50					
Homer Coal Co., Inc.....	No. 5	Tyson	4	51	640	1,532.00					
Mathews Coal Co.....	No. 1	Waynesburg	1	238	1,430	629.00					
Michaels Coal Co.....	No. 1	Waynesburg	2	16	48	30.00					
Mofatt Coal Co.....	No. 1	Waynesburg	1	28	224	178.00					
Myers Coal Co.....	Porter	Tyson	2	42	336	220.00					
Nelson Coal Co.....	No. 2	Bakerstown	2	30	448	90.00					
P & C Coal Co.....	No. 4	Bakerstown	2	55	880	434.00					
Pine Hill Coal Co.....	No. 12	Pittsburgh	2	114	1,394	570.30					
Piney Mt. Coal Co.....	No. 2	Waynesburg	2	176	1,320	392.00					
Tri-State Const. Co.....	Tri-State	Tyson	5	240	11,520	11,487.70					
W & W Coal Co.....	No. 8a	Bakerstown	12	256	38,282	44,911.00					
Watkins Coal Co.....	Watkins	Freeport	2	73	1,168	162.00					
Wolford Coal Co.....	Wolford	Tyson	2	150	2,400	2,850.00					
Woodland Coal Co.....	No. 5	Tyson	6	80	3,792	4,341.00					
Beener Coal Co.....	Simons & Beener	Franklin	3	312	10,079	25,546.10			10	10	36.5
Brashear, Wm. Coal Co...	Brashear Farm	Franklin	5	322	6,600	12,109.49			1.5	1.5	
Geo. Creek Lumber Co.....	McDonald	Waynesburg	10	241	13,027	14,753.59			2	12	16
Homage Coal Co.....	George's Creek	Pittsburgh	2	87	901	2,832.00			3		
Liller, C. A. Coal Co.....	Sheraton #3	Pittsburgh	5	240	9,920	38,536.22			17	8	
Phoenix Big Vein Coal Co..	Potomac	Franklin	6	298	12,470	15,732.00			6	2	40.5

Pine Mt. Coal Co.....	George's Creek	Pittsburgh	2	171	1,196	2,343.00	2.5	.5
Renner, J. L. Coal Co.....	Campbell	Pittsburgh	2	122	733	1,774.00	3	.5
Robertson Coal Co.....	Bowser & Warnick	Franklin	3	263	4,663	5,882.00	4	3
Thrasher, J. R. C&S Co....	Shamrock	Pittsburgh	7	345	4,681	5,737.00	4	4
Win-More M & C Co.....	Koontz	Pittsburgh	5	259	7,024	24,091.00	2.5	.5
Winner Bros. Coal Co., Inc	Reed	Tyson Redstone	10	304	21,888	30,000.00		
Emil DiUbaldo & Upper Potomac River Comm. Leased to W&F Coal Co....	# 1 Auger	Franklin	3	199	1,936	6,422.00	4	1
James E. George.....	(Completed 2-16-67)		125	5,403	168,226	75,808.50		
Total.....	Fire Clay		8	202	624	7,094.00		
Kaiser Refractories.....			133	5,605	168,850	82,902.50		
Grand Total.....						221,936.40	61.5	43 104

## MECHANIZATION—METHODS OF LOADING

Year	Deep Mine Mechanical Miners		Deep Mine Mechanical Loaders		Deep Mine Hand Loading		Surface Mining Auger Mining		Surface Mining Strip Mining				
	Mines	Tons Produced	Mines	Tons Produced	Mines	Cutting Machines	Tons Produced	Mines	Tons Produced	Mines			
1967	2	3	116,310.70	2	5	154,218.00	34	24	122,325.49	3	45,221.00	25	881,242.44

STATISTICS OF COAL PRODUCTION, CALENDAR YEAR 1967—Garrett County

Name of Operator	Name or Number of Mine	Coal Seam Worked	Employees	Days Worked	Man Hour Exposure	TONNAGE				Acres		
						Deep	Strip	Auger	Stripped	Backfilled	Planted	
Brenneman Coal Co.	Beitzel	Freeport	1	85	506	156.00						
Buffalo Coal Co., Inc.	No. 1	Freeport	25	357	86,682	104,823.00						
Burrell Bros. Coal Co.	Cal. No. 1	Freeport	9	210	25,498	8,956.79						
Callis Coal Co.	No. 3	Freeport	1	170	1,050	376.00						
Duckworth Coal Co.	No. 1	Freeport	2	63	704	336.00						
Evans Coal Co.	No. 1	Bakerstown	1	62	496	184.00						
F & P Coal Co.	Mary Beth # 2	Clarion	19	242	37,696	109,307.00						
Ferguson Coal Co.	No. 2	Freeport	2	17	130	41.00						
Folly Run Coal Co.	No. 1	Bakerstown	2	194	1,152	2,244.00						
Harvey & Evans Coal Co.	Mt. Top	Freeport	4	221	9,554	3,120.90						
Kinsinger Coal Co.	Kinsinger	Bakerstown	1	44	335	67.00						
Manor Mining & Mfg.	Lloyd No. 1	Clarion	4	203	5,185	10,559.00						
Nelson, J. Coal Co.	No. 1	Bakerstown	1	22	100	37.00						
W. R. Nethken & Co., Inc.	Reel No. 1	Clarion	7	233	20,978	23,804.00						
W. R. Nethken & Co., Inc.	Reel No. 3	Clarion	7	231	10,941	24,606.00						
Paugh, Les Coal Co.	No. 2	Freeport	1	155	1,256	252.00						
R & R Coal Co.	No. 1	Freeport	1	46	360	173.00						
Ream, Harland Coal Co.	Ream	Freeport	1	38	304	63.00						
Upperman Coal Co.	No. 1	Kittanning	7	240	16,736	12,349.00						
W & W Coal Co.	Michael	Bakerstown	6	353	10,784	7,286.00						
Willow Coal Corp.	No. 1	Freeport	2	159	2,544	1,211.00						
Brenneman Bros. Coal Co.	Glottelty	Bakerstown	2	180	2,880	2,107.00			1	0	0	
Buffalo Coal Co.	No. 1	Freeport				12,723.00			16	16	18	
	Newman, Ball, Beachey & Yomer	Bakerstown	8	218	12,336	38,800.00			10	15		
Ebensburgh Coal & Clay	Beitzel	Bakerstown	3	147	1,588	2,474.00			2		1	



## ANNUAL ACCIDENT REPORT

Name of Operator	Name or No. of Mine	Non-Fatal Accidents	Working Days Lost	Fatal Accidents	Month Accident Occurred	Accident Rate	Mine Location of Injury
W & W Coal Co.	No. 6 Mine	1	39		January	26.15	Face. — Finger pinched under loader cable.
Buffalo Coal Co.	Laurel No. 1	1	22		February	34.60	Moving cont. miner, caught right arm between post & miner
Buffalo Coal Co.	Laurel No. 1			1	March	34.60	Rock Fall — Accidental Death
Harvey & Evans.	Mt. Top Mine	1	30		March	104.66	Loading coal—a piece rolled out and hit on leg. Sprained muscles.
F & P Coal Co.	Mary Beth	1	30		April	26.52	Unloading belt structure, hit finger against tail piece.
Buffalo Coal Co.	Laurel No. 1	1	49		May	34.60	Twisted back while working pan
W & W Coal Co.	No. 6 Mine	1	85		August	26.15	Face. — Ran loading machine over foot.

## TOTAL ACCIDENT REPORT

Year	Man-Hours Exposure	Tons Produced	Fatals	Lost Time Accidents	Frequency	Fatals Per Million Man Hours	Non-Fatal Per Million Man Hours	Short Tons Per Million Non-Fatal	Fatality Tons Per	Injuries Tons Per
1967	590,917	1,319,317.63	1	6	11.34	1.69	10.15	3.8	1,319,317.63	262,328.05
1966	N.A.	1,210,052.00	0	6	N.A.	N.A.	N.A.	4.9		201,675.33
1965	N.A.	1,195,787.15	0	18	N.A.	N.A.	N.A.	15.5		66,432.61
1964	N.A.	1,143,255.11	1	15	N.A.	N.A.	N.A.	13.1	1,143,255.11	76,217.00
1963	N.A.	1,124,746.01	0	29	N.A.	N.A.	N.A.	16.0		38,784.34
1962	N.A.	832,866.05	1	37	N.A.	N.A.	N.A.	44.4	832,866.05	22,509.89
1961	N.A.	718,039.09	1	29	N.A.	N.A.	N.A.	40.3	718,039.09	24,759.96
1960	N.A.	759,086.03	3	28	N.A.	N.A.	N.A.	36.8	253,028.67	27,110.21
1959	N.A.	839,664.09	1	39	N.A.	N.A.	N.A.	46.4	839,664.09	21,529.84
1958	N.A.	858,899.00	0	42	N.A.	N.A.	N.A.	48.8		20,449.97
1957	N.A.	759,885.04	0	30	N.A.	N.A.	N.A.	39.4		25,329.50