

FORTY-FOURTH ANNUAL REPORT
of the
MARYLAND BUREAU OF MINES
of the
STATE OF MARYLAND

Maryland Geological Survey

KENNETH N. WEAVER, *Director*

CALENDAR YEAR 1966



TO
HON. SPIRO T. AGNEW
GOVERNOR OF MARYLAND

HARRY B. BUCKLEY

Director

LETTER OF TRANSMITTAL

To His Excellency

HON. SPIRO T. AGNEW

Governor of Maryland

SIR:

I have the honor to submit herewith the forty-fourth Annual Report of the Maryland Bureau of Mines for the period of January 1, 1966, to December 31, 1966, in compliance with the Maryland Mining Law.

Very respectfully,

HARRY B. BUCKLEY, *Director.*

REPORT OF THE MARYLAND BUREAU OF MINES

1966

To His Excellency

HON. SPIRO T. AGNEW

Governor of Maryland

SIR:

The report herewith submitted is for the calendar year 1966 and is the Ninetieth 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

Pick	30,906.08
Machine	406,991.13
Strip	779,380.19
Total	<u>1,217,479.00</u>

COAL PRODUCTION

Allegany County: During the calendar year 1966, the Allegany County mines employed 59 miners, 7 drivers (including motormen, brakemen, etc.), 3 inside laborers and 54 outside employees, making a total of 123 men. The production of coal for 1966 was 281,166.17 net tons. This shows a production of 2,285 net tons per man employed during this period.

Garrett County: During the calendar year 1966, Garrett County mines employed 82 miners, 9 drivers (including motormen, brakemen, etc.), 44 inside laborers and 102 outside employees, making a total of 237 men. The production of coal for 1966 was 928,995.03 net tons. This shows a production of 3,834 net tons per man employed during this period.

FIRE CLAY PRODUCTION

Allegany County: During the calendar year 1966, the fire clay mines in Allegany County employed 8 miners and 2 inside laborers, making a total of 10 men. The production of fire clay during 1966 was 7,427 net tons and shows a production of 742 net tons per man.

Garrett County: There was no clay production in Garrett County for 1966.

STATE MINE EXAMINING BOARD

The forty-fifth examination for mine foreman was conducted on August 4 and 5, 1966 at the office of the Maryland Bureau of Mines in Westernport. Eight candidates took the examination. Two of the candidates raised their grades to 85% or better.

PERSONNEL, MARYLAND BUREAU OF MINES

Director

Harry B. Buckley Westernport

District Mine Inspector

Harry B. Buckley (1/1/66-4/22/66) Oakland
 James H. Close (1/1/66-9/1/66) Frostburg
 Chester L. Evans (9/21/66)Kitzmilller
 Thomas B. Powell Frostburg

Fuel Combustion Advisor

Robert D. Ewing Frostburg

Stenographer-Secretary

Mrs. Elizabeth Ann Gilmore Westernport

Senior Typist

Mrs. Lillian A. Frankhouser Cresaptown

Mine Examining Board

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

SUMMARY OF PRODUCTION STATISTICS**1966****COAL**

	Allegheny County	Garrett County	Total Net Tons
Pick.....	21,551.00	2,128.08	23,679.08
Machine.....	57,400.09	349,591.04	406,991.13
Strip.....	202,215.08	577,165.11	779,380.19
Total.....	281,166.17	928,885.03	1,210,052.00

Employees

Miners.....	59	82	141
Drivers*.....	7	9	16
Inside Laborers.....	3	44	47
Outside Employees.....	54	102	156
Total.....	123	237	360

CLAY

Pick.....	7427.00	.....	7427.00
Machine.....	.....	.....	.....
Strip.....	.....	.....	.....
Total.....	7427.00	.....	7427.00

Employees

Miners.....	8	....	8
Drivers*.....	....	....	....
Inside Laborers.....	2	....	2
Outside Employees.....	....	....	....
Total.....	10	....	10

* Drivers include Motormen, Brakeman, etc.

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

1965-1966

COAL

Allegheny County

Year	Net Tons (Cwt)	Miners	Drivers*	Inside Laborers	Outside Employees	Total	Fatalities
1965	319,122.19	86	6	7	60	159	...
1966	281,166.17	59	7	3	54	123	...

Garrett County

1965	876,664.16	81	18	48	99	246	....
1966	928,885.03	82	9	44	102	237	....

Entire State

1965	1,195,787.15	167	23	55	159	246	....
1966	1,210,052.00	141	16	47	144	348	....

CLAY

1965	7,807.00	8	....	2	2	12	....
1966	7,427.00	8	....	2	....	10	....

TOTAL COAL AND CLAY PRODUCTION

1965 1,203,594.05
1966 1,217,479.00

TONNAGE BY COAL SEAM**1966****Allegheny County**

Pittsburgh	111,416.00
Waynesburg	50,288.08
Franklin	44,366.00
Bakerstown	42,729.00
Tyson	29,624.09
Freeport	2,743.00
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Total	281,166.17

Garrett County

Kittanning	290,272.11
Clarion	227,326.00
Freeport	207,586.12
Franklin	114,085.00
Pittsburgh	61,349.00
Bakerstown	28,266.00
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Total	928,885.03

TONNAGE BY BASIN**1966**

Upper Potomac	615,276.03
Georges Creek	490,456.17
Castleman	63,431.00
Lower Youghiogheny	40,203.00
Upper Youghiogheny	685.00
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Total	1,210,052.00

MINE INSPECTIONS

Allegany County

1966

Date	Name of Company and Mine	Location	Inspector
Jan.	4—Phoenix Big Vein Coal Co., Hoffa Strip.....	Barton	Close
"	6—Liller, C. A. Coal Co., Strip Mine.....	Barton	Close
"	7—Robertson Coal Company, Strip Mine.....	Barton	Close
"	10—Cross & Brumage Coal Co., Strip Mine.....	Lonaconing	Close
"	10—Wolford Coal Company, Wolford Mine.....	Frostburg	Powell
"	11—Beener Coal Company, Hoffa Strip.....	Lonaconing	Close
"	11—Tri-State Construction Co., Tri-State.....	Frostburg	Powell
"	12—Diamond Coal Company, No. 1 Mine.....	Lonaconing	Close
"	12—Michaels Coal Company, No. 1 Mine.....	Lonaconing	Close
"	12—Woodland Coal Company, No. 5 Mine.....	Frostburg	Powell
"	13—Matthews Coal Company, No. 1 Mine.....	Lonaconing	Close
"	13—Piney Mt. Coal Company, Waynesburg.....	Lonaconing	Close
"	14—Cravener, J. P. Coal Co., Strip Mine.....	Lonaconing	Close
"	18—Brashaer, Wm. Coal Co., Strip Mine.....	Westernport	Close
"	19—Diamond Coal Company, No. 1 Mine.....	Lonaconing	Close
"	19—Thrasher, J. R. Contg. & Strpg. Co.....	Lonaconing	Close
"	20—Good Will Fuel Company, Strip Mine.....	Midlothian	Powell
"	20—W & W Coal Company, No. 6 Mine.....	Barton	Close
"	21—Pine Mt. Coal Company, Strip Mine.....	Gilmore	Close
"	21—Roaring Ben Coal Company, No. 1 Mine.....	Frostburg	Powell
"	25—Kaiser Refractories, Clay Mine.....	Frostburg	Powell
"	25—Smokeless Coal Company, No. 1 Mine.....	Barton	Close
"	26—Homage Coal Company, No. 1 Mine.....	Lonaconing	Close
"	26—Central Coal Company, No. 5 Mine.....	Frostburg	Powell
"	27—Piney Mt. Coal Co., Waynesburg Mine.....	Lonaconing	Close
"	27—Tri-State Construction Co., Tri-State.....	Frostburg	Powell
"	28—Nelson Coal Company, No. 1 Mine.....	Franklin	Close
"	28—Valley Coal Company, Clifton Mine.....	Frostburg	Powell
Feb.	2—Watkins Coal Company, Watkins Mine.....	Mt. Savage	Powell
"	3—Michaels Coal Company, No. 1 Mine.....	Clarysville	Powell
"	3—Bakerstown Coal Company, No. 3 Mine.....	Barton	Close
"	4—Bakerstown Coal Company, No. 3 Mine.....	Barton	Close
"	8—Roaring Ben Coal Co., Tyson No. 1 Mine.....	Frostburg	Powell
"	9—Clites Coal Company, Parker No. 1 Mine.....	Barrelville	Powell
"	10—P & C Coal Company, Auger Mine.....	Franklin	Close
"	11—Beener Coal Company, Barnes Strip.....	Midlothian	Powell
"	11—George Coal Company, Strip Mine.....	Barton	Close
"	15—Porter Coal Company, Porter Mine.....	Eckhart	Powell
"	17—Bennett, W. C., Bennett Mine.....	Eckhart	Powell
"	18—Colmer Coal Company, No. 1 Mine.....	Lonaconing	Close
"	24—Georges Creek Lumber Co., Strip Mine.....	Vale Summit	Powell
"	25—Connor-Haines Coal Company, No. 1 Mine.....	Lonaconing	Close
"	25—Koontz Coal Company, Koontz Mine.....	Frostburg	Powell
"	28—Moffatt Coal Company, No. 1 Mine.....	Lonaconing	Close
Mar.	3—Phoenix Big Vein Coal Co., Hoffa Strip.....	Barton	Close
"	4—Bivecol Company, No. 1 Mine.....	Lonaconing	Close
"	4—Thrasher, J. R. Contg. & Strpg. Co.....	Midland	Powell
"	8—Valley Coal Company, Clifton Mine.....	Frostburg	Powell
"	9—Marble Big Vein Coal Co., No. 1 Mine.....	Lonaconing	Close
"	9—Watkins Coal Company, Watkins Mine.....	Mt. Savage	Powell
"	10—Kaiser Refractories, Clay Mine.....	Frostburg	Powell
"	10—Moran Coal Company, Michael Strip.....	Barton	Close
"	11—Roaring Ben Coal Company, No. 1 Mine.....	Frostburg	Powell
"	12—Bivecol Company, No. 1 Mine.....	Lonaconing	Close
"	14—Big Vein Coal Company, Strip Mine.....	Lonaconing	Close
"	14—Bivecol Company, No. 1 Mine.....	Lonaconing	Close
"	15—Roaring Ben Coal Company, Tyson No. 1.....	Midland	Powell
"	16—Liller, C. A. Coal Co., Strip Mine.....	Barton	Close
"	17—Robertson, Randall, Strip Mine.....	Barton	Close
"	17—Tri-State Construction Co., Tri-State.....	Frostburg	Powell
"	22—Cravener, J. P. Coal Co., Strip Mine.....	Lonaconing	Close
"	22—Good Will Fuel Co., Winters Strip.....	Midlothian	Powell
"	24—Koontz Coal Co., Koontz Strip.....	Frostburg	Powell
"	24—Michaels Coal Company, No. 1 Mine.....	Lonaconing	Close
"	28—Nelson Coal Company, No. 1 Mine.....	Westernport	Close
"	29—Thrasher, J. R. Contg. & Strpg. Co.....	Lonaconing	Close

MINE INSPECTIONS

Allegany County

1966

Date	Name of Company and Mine	Location	Inspector
Mar.	29—Clites Coal Company, Parker No. 1 Mine.	Barrelville	Powell
"	30—Beener Coal Company, Hoffa Strip.	Barton	Close
"	31—Beener Coal Company, Hoffa Strip.	Barton	Close
"	31—Woodland Coal Company, No. 5 Mine.	Frostburg	Powell
Apr.	1—Porter, Marshall, Porter Mine.	Frostburg	Powell
"	4—Brashaer, Wm. Coal Co., Strip Mine.	Westernport	Close
"	4—Wolford Coal Company, Wolford Mine.	Frostburg	Powell
"	5—Central Coal Company, No. 5 Mine.	Frostburg	Powell
"	6—Cross & Brumage Coal Co., Strip Mine.	Lonaconing	Close
"	6—Homage Coal Company, No. 1 Mine.	Lonaconing	Close
"	7—Pine Mt. Coal Company, Strip Mine.	Gilmore	Close
"	7—Winner Bros. Coal Co., Strip Mine.	Frostburg	Powell
"	11—Bennett, W. C. Bennett Mine.	Frostburg	Powell
"	12—Maryland Fuel Company, Strip Mine.	Lonaconing	Close
"	13—Diamond Coal Company, No. 1 Mine.	Lonaconing	Close
"	13—Georges Creek Lumber Co., McDonald Strip.	Vale Summit	Powell
"	14—Beener Coal Company, Barnes Strip.	Midlothian	Powell
"	15—George Coal Company, Strip Mine.	Barton	Close
"	15—Porter Coal Company, Porter Mine.	Frostburg	Powell
"	20—Watkins Coal Company, Watkins Mine.	Mt. Savage	Powell
"	21—Bivecol Company, No. 1 Mine.	Lonaconing	Close
"	22—Colmer Coal Company, No. 1 Mine.	Lonaconing	Close
"	22—Piney Mt. Coal Co., Waynesburg Mine.	Lonaconing	Close
"	26—Michaels Coal Co., No. 1 Mine.	Clarysville	Powell
"	28—Kaiser Refractories, Clay Mine.	Frostburg	Powell
May	3—Roaring Ben Coal Company, Tyson No. 1.	Frostburg	Powell
"	4—Roaring Ben Coal Company, No. 1 Mine.	Frostburg	Powell
"	5—Tri-State Construction Co., Tri-State.	Frostburg	Powell
"	6—Marble Big Vein Coal Co., No. 1 Mine.	Lonaconing	Close
"	10—Valley Coal Company, Clifton Mine.	Frostburg	Powell
"	17—Central Coal Company, No. 5 Mine.	Frostburg	Powell
"	18—Clites Coal Co., No. 1 Mine.	Barrelville	Powell
"	19—Beener Coal Company, Barnes Strip.	Midlothian	Powell
"	20—Watkins Coal Company, Watkins Mine.	Mt. Savage	Powell
"	27—Moffatt Coal Company, No. 1 Mine.	Lonaconing	Close
June	2—Wolford Coal Company, Wolford Mine.	Frostburg	Powell
"	3—Winner Bros. Coal Co., Strip Mine.	Midlothian	Powell
"	3—Moran Coal Company, Michael Strip.	Barton	Close
"	6—Brasher, Wm. Coal Company, Strip.	Westernport	Close
"	7—Phoenix Big Vein Coal Co., Strip Mine.	Barton	Close
"	8—Thrasher, J. R. Contg. & Strpg. Co., Strip.	Midland	Powell
"	9—Liller, C. A. Coal Co., Sheraton No. 3 Strip.	Lonaconing	Close
"	10—Big Vein Coal Company, Pine Hill Strip.	Lonaconing	Close
"	20—Cravener, J. R. Coal Co., Strip Mine.	Lonaconing	Close
"	21—Cross & Brumage, Strip Mine.	Lonaconing	Close
"	22—Goodwill Fuel Co., Strip Mine.	Midlothian	Powell
"	23—Pine Mt. Coal Co., Strip Mine.	Midland	Close
"	24—Maryland Fuel Co., Strip Mine.	Lonaconing	Close
"	24—Woodland Coal Co., No. 5 Mine.	Frostburg	Powell
"	27—P & R Coal Co., No. 1 Mine.	Westernport	Close
"	28—Beener Coal Co., Hoffa Strip.	Lonaconing	Close
"	29—Beener Coal Co., Hoffa Strip.	Lonaconing	Close
"	29—Porter, Marshall, Porter Mine.	Frostburg	Powell
"	30—Pine Hill Coal Co., No. 1 Mine.	Lonaconing	Close
July	5—Kaiser Refractories, Clay Mine.	Frostburg	Powell
"	5—Nelson Coal Company, No. 1 Mine.	Franklin	Close
"	6—Homage Coal Company, No. 1 Mine.	Lonaconing	Close
"	6—Porter Coal Company, Porter Mine.	Eckhart	Powell
"	8—Bennett, W. C., Bennett Mine.	Eckhart	Powell
"	12—George Coal Company, Strip Mine.	Barton	Close
"	13—Watkins Coal Company, Watkins Mine.	Mt. Savage	Powell
"	14—Matthews Coal Company, No. 1 Mine.	Lonaconing	Close
"	15—Moffatt Coal Company, No. 1 Mine.	Lonaconing	Close
"	18—Clites Coal Company, Parker No. 1 Mine.	Barrelville	Powell
"	19—Robertson, Randall, Strip Mine.	Barton	Close
"	19—Wolford Coal Company, Wolford Mine.	Frostburg	Powell

MINE INSPECTIONS

Allegany County

1966

Date	Name of Company and Mine	Location	Inspector
July	21—W & W Coal Company, No. 6 Mine	Westernport	Close
"	22—Piney Mt. Coal Co., Waynesburg Mine	Lonaconing	Close
"	26—Thrasher, J. R. Contg. & Strpg. Co., Strip	Lonaconing	Close
"	26—Tri-State Construction Co., Tri-State Mine	Frostburg	Powell
"	27—Bivecol Company, No. 1 Mine	Lonaconing	Close
"	27—Winner Bros. Coal Co., Strip Mine	Midlothian	Powell
"	28—Beener Coal Company, Strip Mine	Midlothian	Powell
"	28—Nelson Coal Company, No. 1 Mine	Barton	Close
"	29—Georges Creek Lumber Co., Strip Mine	Frostburg	Powell
"	29—Pine Hill Coal Co., No. 1 Mine	Lonaconing	Close
Aug.	2—Central Coal Company, No. 5 Mine	Frostburg	Powell
"	2—Smokeless Coal Co., No. 2 Mine	Barton	Close
"	3—Marble Big Vein Coal Co., No. 1 Mine	Lonaconing	Close
"	3—Valley Coal Company, Clifton Mine	Frostburg	Powell
"	5—Colmer Coal Company, No. 1 Mine	Lonaconing	Close
"	9—P & R Coal Company, No. 1 Mine	Westernport	Close
"	9—Thrasher, J. R. Contg. & Strpg. Co., Strip	Midlothian	Powell
"	10—P & C Coal Company, Auger Mine	Westernport	Close
"	12—Koontz Coal Company, Koontz Strip	Frostburg	Powell
"	16—Thrasher, J. R. Contg. & Strpg. Co., Strip	Midland	Powell
"	17—Big Vein Coal Company, Pine Hill Strip	Lonaconing	Close
"	23—Moran Coal Company, Michaels Strip	Barton	Close
"	26—Woodland Coal Company, No. 5 Mine	Frostburg	Powell
"	29—Goodwill Fuel Company, Winters Strip	Midlothian	Powell
"	30—Clites Coal Company, Parker No. 1 Mine	Barrelville	Powell
"	31—Tri-State Construction Co., Tri-State Mine	Frostburg	Powell
Sept.	6—Big Vein Coal Company, Pine Hill Strip	Lonaconing	Powell
"	8—Watkins Coal Company, Watkins Mine	Mt. Savage	Powell
"	9—Georges Creek Lumber Co., McDonald Strip	Vale Summit	Powell
"	12—Bennett, W. C., Bennett Mine	Frostburg	Powell
"	12—Porter, Marshall, Porter Mine	Frostburg	Powell
"	14—Porter Coal Company, Porter Mine	Frostburg	Powell
"	15—Valley Coal Company, Clifton Mine	Frostburg	Powell
"	20—Wolford Coal Company, Wolford Mine	Frostburg	Powell
"	27—Kaiser Refractories, Clay Mine	Frostburg	Powell
"	28—Central Coal Company, No. 5 Mine	Frostburg	Powell
"	29—Koontz Coal Company, Koontz Mine	Frostburg	Powell
Oct.	4—Winner Bros. Coal Company, Strip Mine	Midlothian	Powell
"	5—Clites Coal Company, Parker No. 1 Mine	Barrelville	Powell
"	6—Beener Coal Company, Strip Mine	Midlothian	Powell
"	6—Liller, C. A. Coal Company, Strip Mine	Lonaconing	Evans
"	7—Woodland Coal Company, No. 5 Mine	Frostburg	Powell
"	11—Beener Coal Company, Strip Mine	Lonaconing	Evans
"	13—George Coal Company, Strip Mine	Barton	Evans
"	19—Cross and Brumage, Strip Mine	Lonaconing	Evans
"	25—Robertson Coal Company, Strip Mine	Barton	Evans
"	25—Robertson Coal Company, Strip Mine	Barton	Evans
"	27—Pine Mt. Coal Company, Strip Mine	Barton	Evans
"	27—Thrasher, J. R. Contg. & Strpg. Co., Strip Mine	Gilmore	Evans
"	27—Thrasher, J. R. Contg. & Strpg. Co., Strip Mine	Lonaconing	Evans
"	27—Thrasher, J. R. Contg. & Strpg. Co., Strip Mine	Lonaconing	Evans
"	28—Porter Coal Company, Porter Mine	Eckhart	Powell
Nov.	1—Koontz Coal Company, Strip Mine	Frostburg	Powell
"	2—Thrasher, J. R. Contg. & Strpg. Co., Strip Mine	Midlothian	Powell
"	2—Thrasher, J. R. Contg. & Strpg. Co., Strip Mine	Midland	Powell
"	3—Watkins Coal Company, Watkins Mine	Mt. Savage	Powell
"	4—Beener Coal Company, Strip Mine	Midlothian	Powell
"	4—Brashear, Wm. Coal Co., Brashear Strip	Westernport	Evans
"	7—Big Vein Coal Company Strip Mine	Lonaconing	Evans
"	10—Wolford Coal Company, Wolford Mine	Frostburg	Powell
"	15—Beener Coal Company, Strip Mine	Barton	Evans
"	15—Tri-State Construction Co., Tri-State Mine	Frostburg	Powell
"	16—Moran Coal Company, No. 25 Strip	Westernport	Evans
"	18—Kaiser Refractories, Clay Mine	Frostburg	Powell
Dec.	2—Woodland Coal Company, No. 5 Mine	Frostburg	Powell
"	6—Winner Bros. Coal Co., Strip Mine	Midlothian	Powell
"	7—Clise Coal Company, Strip Mine	Lonaconing	Evans

MINE INSPECTIONS

Allegany County

1966

Date	Name of Company and Mine	Location	Inspector
Dec. 8	Koontz Coal Company, Koontz Strip Mine.....	Frostburg	Powell
" 9	Georges Creek Lumber Co., Strip Mine.....	Vale Summit	Powell
" 12	Porter Coal Company, Porter Mine.....	Frostburg	Powell
" 14	Maryland Fuel Company, Strip Mine.....	Lonaconing	Evans
" 19	Thrasher, J. R. Contg. & Strpg. Co., Barnes Strip.....	Midlothian	Powell
" 20	George Coal Company, Strip Mine.....	Barton	Evans
" 21	Liller, C. A. Coal Company, Strip Mine.....	Lonaconing	Evans
" 27	Robertson Coal Company, Strip Mine.....	Barton	Evans
" 28	Pine Mt. Coal Company, Strip Mine.....	Gilmore	Evans
" 29	Thrasher, J. R. Contg. & Strpg. Co., Strip Mine.....	Lonaconing	Evans

MINE INSPECTIONS

Garrett County

1966

Date	Name of Company and Mine	Location	Inspector
Jan. 4	Richards & Parnell Coal Co., Strip Mine.....	Friendsville	Buckley
" 6	B B & K Coal Company, Wolf Den Mine.....	Shallmar	Buckley
" 11	Brenneman Coal Company Beltzel Mine.....	Bittinger	Buckley
" 11	Ebensburg Coal & Clay Co., Strip Mine.....	Bittinger	Buckley
" 12	Butts Coal Co., Susanne No. 1 Mine.....	Deer Park	Buckley
" 12	Upperman Coal Company, No. 1 Mine.....	Deer Park	Buckley
" 13	Evans Coal Company, No. 1 Mine.....	Bloomington	Buckley
" 13	Folly Run Coal Company, No. 1 Mine.....	Swanton	Buckley
" 13	Manor Mining & Mfg. Company, Lloyd No. 1.....	Kitzmilller	Buckley
" 17	Moran Coal Company, No. 26 Strip.....	Westernport	Close
" 18	Kinsinger Coal Company, Kinsinger Mine.....	Jennings	Powell
" 18	Nethken, W. R. Co., Inc., Earl No. 4.....	Vindex	Buckley
" 19	Harvey & Evans Coal Co., Inc., Mt. Top.....	Kitzmilller	Buckley
" 20	Buffalo Coal Co., Inc., No. 1 Mine.....	Kempton	Buckley
" 25	Nethken, W. R. Co., Inc., Manor Strip.....	Mt. Zion	Buckley
" 26	Callis Coal Company, No. 3 Mine.....	Deer Park	Buckley
" 26	Collins Coal Company, No. 3 Mine.....	Deer Park	Buckley
" 26	Moon Coal Company, No. 1 Mine.....	Deer Park	Buckley
" 27	Nethken, W. R. Co., Inc., Reel No. 3 Mine.....	Mt. Zion	Buckley
" 28	Nelson Coal Company, No. 1 Mine.....	Barton	Close
Feb. 8	McCroskey, J. A. Coal Co., No. 1 Mine.....	Deer Park	Buckley
" 8	Paugh, Less, No. 2 Mine.....	Deer Park	Buckley
" 9	Burrell Bros. Corp., Cal Mine.....	Kitzmilller	Buckley
" 9	Nelson Coal Company, No. 1 Mine.....	Barton	Close
" 10	D & K Coal Company, Davies Strip.....	Grantsville	Powell
" 10	Moon Coal Company, No. 1 Mine.....	Deer Park	Buckley
" 10	Royal Oak Coal Company.....	Bethlehem	Buckley
" 15	Buffalo Coal Company, Laurel Strip.....	Kempton	Buckley
" 15	W & W Coal Company, Michael Mine.....	Barton	Close
" 16	Moran Coal Company, No. 18B Strip.....	Westernport	Close
" 16	Old Hampshire Coal Co., Inc., No. 206 Mine.....	Bloomington	Buckley
" 16	R & R Coal Company, No. 1 Mine.....	Oakland	Buckley
" 17	Moran Coal Company, Sarah J. Tract.....	Westernport	Close
" 17	Nethken, W. R. Co., Inc., Reel No. 1 Mine.....	Mt. Zion	Buckley
" 28	D & K Coal Company, Strip Mine.....	Grantsville	Powell
" 28	Richards & Parnell Coal Co., Strip Mine.....	Friendsville	Buckley

MINE INSPECTIONS

Garrett County

1966

Date	Name of Company and Mine	Location	Inspector
Mar.	2—Brenneman Coal Company, Beitzel Mine.....	Bittinger	Buckley
"	2—Burrell Bros. Coal Corp., Cal Mine.....	Kitzmiller	Buckley
"	2—Ebensburg Coal & Clay Co., Beitzel Strip.....	Bittinger	Buckley
"	2—Moran Coal Company, No. 21 Strip.....	Westernport	Close
"	2—Rodamer Coal Company, Rodamer Strip.....	Bittinger	Powell
"	3—Brenneman Bros., Gtofely Strip.....	Bittinger	Powell
"	8—Callis Coal Company, No. 3 Mine.....	Deer Park	Buckley
"	8—Collins Coal Company, No. 3 Mine.....	Deer Park	Buckley
"	9—Manor Mining & Mfg. Corp., Lloyd No. 1.....	Kitzmiller	Buckley
"	9—Willow Coal Corp., No. 1 Mine.....	Kitzmiller	Buckley
"	10—B B & K Coal Co., Inc., Wolf Den Mine.....	Shallmar	Buckley
"	16—Kinsinger Coal Company, Kinsinger Mine.....	Jennings	Powell
"	16—Harvey & Evans Coal Co., Mt. Top Mine.....	Kitzmiller	Buckley
"	17—Evans Coal Company, No. 1 Mine.....	Bloomington	Buckley
"	17—Folly Run Coal Company, No. 1 Mine.....	Swanton	Buckley
"	22—Nethken, W. R. Co., Inc., Earl No. 4.....	Vindex	Buckley
"	22—Nethken, W. R. Co., Inc., Garrett Tract.....	Mt. Zion	Buckley
"	23—Nethken, W. R. & Co., Inc., Manor Tract.....	Mt. Zion	Buckley
"	23—W & W Coal Company, Michael Mine.....	Barton	Close
"	24—Nethken, W. R. & Co., Inc., Reel No. 3.....	Mt. Zion	Buckley
"	30—Buffalo Coal Company, No. 1 Mine.....	Kempton	Buckley
Apr.	5—Upperman Coal Company, No. 1 Mine.....	Deer Park	Buckley
"	6—Nethken, W. R. & Co., Inc., Reel No. 1.....	Mt. Zion	Buckley
"	12—D & K Coal Company, Strip Mine.....	Grantsville	Powell
"	12—D & K Coal Company, Strip Mine.....	Grantsville	Powell
"	13—Ferguson Coal Company, No. 2 Mine.....	Deer Park	Buckley
"	13—Moon Coal Company, No. 1 Mine.....	Deer Park	Buckley
"	14—Burrell Bros. Coal Corp., Cal Mine.....	Kitzmiller	Buckley
"	14—Smokeless Coal Company, No. 1 Mine.....	Barton	Close
"	19—Rodamer Coal Company, Rodamer Strip.....	Bittinger	Powell
"	19—Brenneman Brothers, Gtofely Strip.....	Bittinger	Powell
"	19—Buffalo Coal Company, Inc., Laurel Strip.....	Kempton	Buckley
"	20—Ebensburg Coal & Clay Co., Strip Mine.....	Bittinger	Buckley
"	27—F & P Coal Company, Mary Beth Mine.....	Vindex	Powell
"	27—Moran Coal Company, No. 26 Strip.....	Westernport	Close
"	27—W & W Coal Company, Michael Mine.....	Barton	Close
"	28—Old Hampshire Coal Co., Inc., No. 206 Mine.....	Bloomington	Close
"	28—Richards & Parnell Coal Co., Strip Mine.....	Friendsville	Buckley
"	29—Nelson Coal Company, No. 1 Mine.....	Barton	Close
May	4—Moran Coal Company, Sara J. Strip.....	Westernport	Close
"	18—Buffalo Coal Company, No. 1 Mine.....	Kempton	Close
"	20—Nelson Coal Company, No. 1 Mine.....	Barton	Close
June	1—Moran Coal Company, No. 18B Strip.....	Westernport	Close
"	1—Moran Coal Company, No. 17 Strip.....	Westernport	Close
"	2—Moran Coal Company, No. 17 Strip.....	Westernport	Close
"	2—Moran Coal Company, No. 18 Strip.....	Westernport	Close
"	8—Moran Coal Company, No. 21 Strip.....	Westernport	Close
"	20—Kinsinger Coal Company, Kinsinger Mine.....	Jennings	Powell
"	28—Brenneman Bros., Strip Mine.....	Bittinger	Powell
"	28—Rodamer Coal Company, Strip Mine.....	Bittinger	Powell
July	7—Nelson Coal Company, No. 1 Mine.....	Barton	Close
Aug.	10—D & K Coal Company, Strip Mine.....	Grantsville	Powell
"	12—Moran Coal Company, Sara J Strip.....	Westernport	Close
"	15—D & K Coal Company, Strip Mine.....	Grantsville	Powell
"	23—Buffalo Coal Company, Wolf Den Strip.....	Shallmar	Powell
"	24—Brenneman Bros., Strip Mine.....	Bittinger	Powell
"	26—Moran Coal Company, Strip Mine.....	Westernport	Close
Sept.	1—Nethken, W. R. & Co., Inc., Manor Strip.....	Mt. Zion	Powell
"	16—E & R Coal Company, E & R Mine.....	Grantsville	Powell
"	21—D & K Coal Company, Strip Mine.....	Grantsville	Powell
"	22—D & K Coal Company, Strip Mine.....	Grantsville	Powell
"	22—Ace Drilling & Coal Co., Strip Mine.....	Grantsville	Powell
"	28—Brenneman Coal Company, Beitzel Mine.....	Bittinger	Evans
"	28—Ebensburg Coal & Clay Co., Strip Mine.....	Bittinger	Evans
"	30—Richards & Parnell Coal Co., Strip Mine.....	Friendsville	Evans

MINE INSPECTIONS

Garrett County

1966

Date	Name of Company and Mine	Location	Inspector
Oct. 4	Nethken, W. R. & Co., Inc., Manor Strip	Mt. Zion	Evans
" 5	Moran Coal Company, Sara J Strip	Westernport	Evans
" 13	Burrell Bros. Coal Corp., Cal Mine	Kitzmiller	Powell
" 17	Harvey & Evans Coal Co., Inc., Mt. Top Mine	Kitzmiller	Powell
" 17	Moran Coal Company, No. 17 Strip	Westernport	Evans
" 17	Moran Coal Company, No. 18 Strip	Westernport	Evans
" 18	Buffalo Coal Company, Wolf Den Strip	Shallmar	Evans
" 18	Willow Coal Corp., No. 1 Mine	Kitzmiller	Powell
" 19	E & R Coal Company, E & R Mine	Grantsville	Powell
" 19	Kinsinger Coal Company, Kinsinger Mine	Grantsville	Powell
" 20	Ace Drilling Company, Inc., No. 3 Mine	Grantsville	Powell
" 24	Moran Coal Company, No. 26 Strip	Westernport	Evans
" 27	Brenneman Bros., Strip Mine	Bittinger	Powell
Nov. 3	Buffalo Coal Company, Inc., Laurel Strip	Kempton	Evans
" 9	Moran Coal Company, No. 21 Strip	Westernport	Evans
" 16	D & K Coal Company, Strip Mine	Grantsville	Powell
" 16	D & K Coal Company, Strip Mine	Grantsville	Powell
" 22	Murphy Coal Company, Susanne No. 1 Mine	Deer Park	Evans*
" 22	Murphy Coal Company, Susanne Mine	Deer Park	Powell*
" 29	Buffalo Coal Company, Inc., Wolf Den Strip	Shallmar	Evans
" 30	Ebensburg Coal & Clay Co., Strip Mine	Bittinger	Evans
Dec. 1	Richards & Parnell Coal Co., Strip Mine	Friendsville	Evans
" 5	Ace Drilling Company, No. 3 Strip	Grantsville	Powell
" 7	Moscow-Georges Creek Coal Co., Strip	Barton	Evans
" 8	Moran Coal Company, No. 18 Strip	Westernport	Evans
" 12	Moran Coal Company, Strip Mine	Westernport	Evans
" 13	Nethken, W. R. & Co., Inc., Manor Tract	Mt. Zion	Evans
" 20	E & R Coal Company, E & R Mine	Grantsville	Powell
" 23	Royal Oak Coal Company, Susanne Mine	Deer Park	Evans

*Denotes Co-Inspection.

STRIP MINING

The Strip Mining Laws of the State of Maryland were revised and went into effect on June 1, 1965. To engage in open pit mining of bituminous coal the operator must first file an application as provided by this department. Each application will cover four acres of coal to be stripped. This must be accompanied by a Form of Bond, Cash or U. S. Government Securities in the amount of two thousand dollars (\$2,000.00) or five hundred dollars (\$500.00) per acre. The operator must also pay a filing fee of fifty dollars (\$50.00). A PERMIT, giving the location of the acreage to be stripped, is then issued to the operator by the Bureau of Mines.

To further comply with this law, the operator must file an Operations Report within thirty (30) days after starting removal of over-burden. Within thirty (30) days after the operation is finished or abandoned, the operator must file a Completion Report with the Bureau.

All forms pertaining to Strip Mining, including application for permit, application for surety bond, strip mine permit, operation

report, completion report, bond release and inspection report have been revised. These forms are identified by number and have been approved by the Attorney General's office.

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 & Shipping 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	Allegany 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. & 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	Beener 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

* Denotes Operation Completed.

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

Permits issued in 1966	7
Permits completed in 1966	10
Acres stripped during 1966	148
Acres backfilled during 1966	436
Acres planted during 1966	194
Forfeitures during 1966	None

KITZMILLER MINE RESCUE TEAM

The Kitzmiller Mine Rescue Team is still active. The practice sessions have been intensified into fifteen consecutive sessions, rather than having them over a period of time throughout the year. Mr. Chester L. Evans, District Mine Inspector supervised the practice sessions.

The members of the team during 1966 were, Arthur C. Burgess, Harold Hawk, James E. Droppleman, Claude D. Boyce, Wallace T. Evans, James C. Brady and Lyle H. Sharpless. All of the members of this team resided in the vicinity of Kitzmiller, Maryland.

The Mine Rescue Team and Maryland Bureau of Mines cooperate with 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 1966.

PROSECUTIONS

During 1966, it was not necessary to obtain any warrants against mine operators for violations of the Maryland Mining Laws.

ACTIVITIES OF FUEL COMBUSTION ADVISOR

For the Year 1966

During the year 1966, Mr. Robert D. Ewing, Fuel Combustion Advisor, spent 58 days in the office and laboratory at Westernport and 57 days at State Institutions. A total of 116 days were spent in the field collecting samples, advising on coal preparation, etc. Four days were spent at private institutions. Mr. Ewing processed 229 coal samples in the coal testing laboratory.

Four coal complaints were received concerning delivered coal to state institutions. Two complaints were due to the coal not being sized to specifications. One complaint was the result of foreign material in the coal and one was from oxidized coal. Samples of the coals were collected and analyzed. Conferences were held with the shippers and consumers and the necessary corrections and adjustments were made on the shipments.

CARL A. SCHELL

On January 1, 1966, Mr. Carl A. Schell, Director of the Maryland Bureau of Mines, died in University Hospital, Baltimore, Maryland after a brief illness.

Mr. Schell had been Director since January 1, 1963, when he was appointed by Governor J. Millard Tawes, upon the retirement of Frank T. Powers.

Mr. Schell was born in West Virginia, but had resided in Maryland since a young boy. He had been associated with coal mining all of his life. He was well trained in Mine Rescue work, having been a member and Captain of the Kitzmiller Mine Rescue Team which won the 1951 National Championship in the National Mine Rescue Contest.

He was a member of the Mine Inspector's Institute of America and the National Mine Rescue Association.

Mr. Schell was married and the father of two daughters and two sons.

JAMES H. CLOSE

On August 31, 1966, James H. Close retired from State Service. Mr. Close had served as District Mine Inspector for 11 years, having transferred to the Bureau of Mines from the State Roads Commission.

Mr. Close had been associated with the coal mining industry all of his adult life, having been employed by the Consolidated Fuel Company, which was preceded by the Consolidated Coal Company, until just prior to entering State Service with the State Roads Commission.

Mr. Close served with the U. S. Army during World War I, and is an active member of the American Legion. He is a member of The Mine Inspector's Institute, serving as Treasurer since 1960. He was also a member of the National Mine Rescue Association and the Coal Mining Institute of America.

Mr. Close was born in Eckhart, Maryland on August 23, 1896. He is married to the former Pearl Engle.

STATISTICS OF COAL PRODUCTION, CALENDAR YEAR 1966—Allegheny County

Name of Operator	Name or Number of Mine	Coal Seam Worked	Distribution of Employees						Pick	Machine	Strip	Total	Accidents Non-Fatal
			Miners	Drivers*	Inside Laborers	Outside Employees	Total	Days Worked					
Bakerstown Coal Company.....		Bakerstown											
Beener Coal Company.....		Pittsburgh			2	2	313			11,200.15	11,200.15		
Beener Coal Company.....		Pittsburgh			1	1	159			471.08	471.08		
Bennett, W. C.....		Pittsburgh			1	1	16	34.00			34.00		
Bivecol Company.....	No. 1	Pittsburgh	3				165	891.00			891.00		
Brashear, William Coal Co.....		Franklin			4	4	282						
Central Coal Company.....	No. 5	Tyson	4				247		2,630.00		2,630.00		
Clites Coal Company.....	Parker No. 1	Freeport	4				225		2,602.00		2,602.00		
Colmer Coal Company.....	No. 1	Pittsburgh	1	1			215	1,758.00		403.00	1,758.00		
Georges Creek Lumber Co.....	No. 15	Waynesburg			11	11	243			49,290.08	49,290.08		
Good Will Fuel Company.....		Pittsburgh			2	2	10			68.00	68.00		
Koontz Coal Co., Inc.....	Klondike	Pittsburgh			4	4	43			2,970.00	2,970.00	1	
Lilley, C. A. Coal Co.....	Sheraton	Pittsburgh			5	5	240			25,212.17	25,212.17		
Marble Big Vein Coal Co.....		Pittsburgh	1				30	36.00			36.00		
Mathews Coal Company.....	No. 1	Waynesburg			1	1	200	402.00			402.00		
Moffatt Coal Company.....		Waynesburg	1				19	176.00			176.00		
Moran Coal Company.....	No. 25	Franklin			4	4	12			6,644.00	6,644.00		
Nelson, Raymond Coal Co.....	No. 1	Bakerstown	2				78	302.00			302.00		
P & C Coal Company.....		Bakerstown	2				240		2,902.00		2,902.00		
Phoenix Big Vein Coal Co.....	Hoffa No. 5	Franklin			6	6	291			15,437.00	15,437.00		
Pine Mt. Coal Company.....		Pittsburgh			2	2	200			4,715.00	4,715.00		
Porter Coal Company.....	No. 2	Waynesburg	1				117	420.00			420.00		
Porter Coal Company.....	Porter	Tyson	2				72	451.00			451.00		
Robertson Coal Company.....	No. 1	Pittsburgh	2				11	40.00			40.00		
Thrasler, J. R. C & S Co.....	Laurel Hill	Franklin			3	3	260			9,345.00	9,345.00		
		Pittsburgh			2	2	212			5,371.00	5,371.00		

Name of Operator	T/S No. 1	Tyson	4	2	6	241	9,741.09	9,741.09	1			
Tri-State Construction Co.	Tyson											
Valley Coal Company.	Clifton	Pittsburg	2	2	105	98.00			98.00			
W & W Coal Company.	No. 6	Bakerstown	13	5	19	250	37,146.00		37,146.00			
Watkins Coal Company.	Williams	Freeport	2		77	141.00			141.00			
Winner Bros. Coal Co.	No. 1	Pittsburgh	7	7	284		58,550.00		58,550.00			
Wolford Coal Company.	Wolford	Tyson	2	2	204	3,055.00			3,055.00			
Woodland Coal Company.		Tyson	8	8	260	13,747.00			13,747.00			
Total.			59	7	54	123	5531	21,551.00	57,400.09	202,215.08	281,166.17	3

STATISTICS OF CLAY PRODUCTION—Allegany County

Name of Operator	Name or Number of Mine	Coal Seam Worked	Distribution of Employees					Total Days Worked	Total	Accidents Non-Fatal
			Miners	Drivers*	Inside Laborers	Outside Employees	Total			
Kaiser Refractories.	Big Savage	Clay	8	2	2	10	157	7,427.00	7,427.00	1

STATISTICS OF COAL PRODUCTION—Garrett County

Name of Operator	Name or Number of Mine	Coal Seam Worked	Distribution of Employees					Days Worked	Pick	Machine	Strip	Total	Accidents Non-Fatal
			Miners	Drivers*	Inside Laborers	Outside Employees	Total						
Ace Drilling Coal Co.	No. 3	Bakerstown				4	4	88		6,011.00	6,011.00		
B B & K Coal Company	Wolf Den	Kittanning	9	2	3	2	16	57	5,514.00		5,514.00		
Breneman Brothers	No. 1	Bakerstown				2	2	249		2,090.00	2,090.00		
Breneman Coal Company	No. 1	Bakerstown	1				1	118	190.00		190.00		
Buffalo Coal Co., Inc.	No. 1	Freeport	2	23	1	26	258		145,291.00		145,291.00		
Buffalo Coal Co., Inc.	Leavel	Kittanning				29	29	258		152,663.00	152,663.00		
Burrill Bros. Coal Corp.	Cal. No. 1	Freeport	9	2	2	2	15	231	9,238.10		9,238.10		
Callis Coal Company	Callis	Freeport	1				1	230	490.08		490.08		
D & K Coal Company	No. 1	Kittanning				9	9	270		48,029.00	48,029.00	1	
Ebensburg Coal & Clay Co.	Bietzel	Bakerstown	1			1	1	207		4,194.00	4,194.00		
Evaas Coal Company	No. 1	Bakerstown	2				2	148	531.00		531.00		
F & P Coal Company	Mary Beth	Clarion				13	5	255	94,856.00		94,856.00	1	
Ferguson Coal Company	No. 3	Freeport	2				2	31	66.00		66.00		
Folly Run Coal Company	No. 1	Bakerstown	4				4	220		4,630.00	4,630.00		
Harvey & Evans Coal Co.	No. 1	Freeport	9	1	1	10	213		4,758.14		4,758.14		
Kinsinger Coal Company	Kinsinger	Bakerstown	1				1	80	80.00		80.00		
Manor Mining & Mfg. Co.	Lloyd No. 1	Clarion	4	1	1	5	225		12,365.00		12,365.00		
McCroskey, James Coal Co.	No. 1	Freeport	2				2	19	70.00		70.00		
Moore Coal Company	No. 1	Freeport	2				2	39	135.00		135.00		
Moran Coal Company	No. 17	Franklin				6	6	52		26,994.00	26,994.00		
Moran Coal Company	No. 18	Pittsburgh						120		61,349.00	61,349.00		
Moran Coal Company	No. 21	Franklin				6	6	196		87,091.00	87,091.00		
Moran Coal Company	No. 26	Freeport						52		26,153.00	26,153.00		
Nelson, James Coal Co.	No. 1	Bakerstown	1				1	24	26.00		26.00		
Nethken, W. R. & Co.	Reel No. 1	Clarion	8	1	1	9	237		25,391.00		25,391.00		
Nethken, W. R. & Co.	Reel No. 3	Clarion	8	1	1	9	231		23,809.00		23,809.00		
Nethken, W. R. & Co.	Earl No. 4	Freeport				3	3	236		19,090.00	19,090.00		

Nethken, W. R. & Co.	Manor	Clarion	10	10	276	70,905.00	70,905.00	70,905.00				
Old Hampshire Coal Co.	No. 206	Kittanning	5	1	6	156	4,625.00	4,625.00				
Paugh, Les.	No. 2	Freeport	1	184	209.00	209.00	209.00	209.00				
R & R Coal Company.	No. 1	Freeport	1	85	685.00	685.00	685.00	685.00				
Richards & Parnell.		Kittanning	4	4	240	40,203.00	40,203.00	40,203.00				
Rodamer Coal Company.		Bakerstown	1	1	176	2,837.00	2,837.00	2,837.00				
Shalimar Coal Company.	Strip No. 1	Kittanning	12	12	63	29,556.11	29,556.11	29,556.11				
Smokeless Coal Company.	No. 1	Bakerstown	2	40	177.00	177.00	177.00	177.00				
Upperman Coal Company.	No. 1	Kittanning	5	2	1	9	242	9,682.00				
W & W Coal Company.	Michael	Bakerstown	3	1	1	5	221	7,500.00				
Willow Coal Corp.	No. 1	Freeport	2	2	182	1,400.00	1,400.00	1,400.00				
Total.			82	9	44	102	237	6209	2,128.08	349,591.04	577,165.11	928,885.03

*Drivers include Motormen, Brakemen, Etc.